



Heritage Vidhyalaya

Kavarkalpatty, Valapady, Salem, Tamil Nadu, INDIA

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CBSE Affiliation # 1930 665

Annual Pedagogical Plan

2021-22

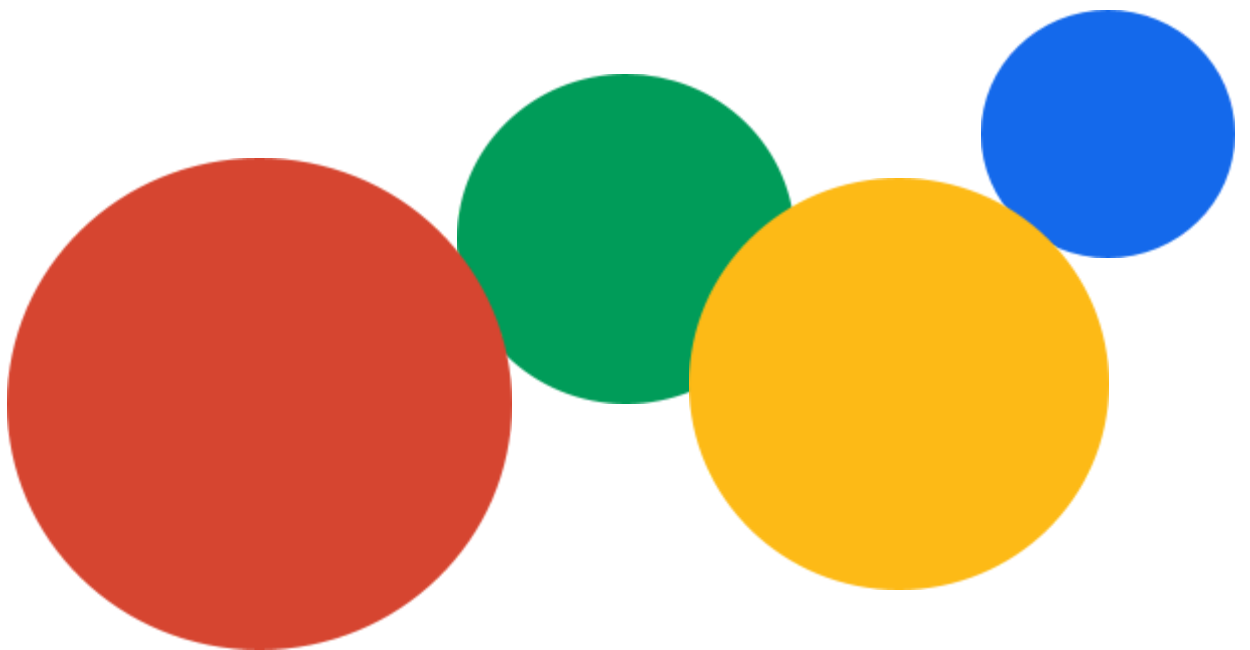


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1 Our School

1.1 About Heritage Vidhyalaya

Heritage Vidhyalaya School is a Central Board of Secondary Education (CBSE) School which commenced its academic activities in the year 2014 . It is located in a green lush healthy environment providing quality education to children from Nursery to X standard. "Education is a manifestation of perfection already in men"- Swami Vivekananda. Accordingly, this school aims at unearthing the latent talents of children by providing joyful, creative learning experiences in a free and supporting environment. The board of management of Heritage Vidhyalaya School has a clear vision to provide holistic education in spiritual, moral, intellectual, emotional, physical, and social aspects to children. For nursery children, Montessori methodology of teaching is adopted, wherein the low achievers will also develop well.

1.2 Unique features

Heritage Vidhyalaya School is quite successful in enabling children with varied learning difficulties such as attention disorder, hyperactivity, and lack of motivation to perform well in studies. These issues are effectively dealt with the assistance of psychological consultants as well as specially trained teachers and using Montessori method of education. Situated in a rural background, most of the parents being unable to help students in their studies, our school gives a lot of exposure to students in language and communication skills through remedial classes and enrichment activities which enables the children to be self-reliant and independent in their learning activities. We also motivate the students by encouraging them with medals and badges for their outstanding academic and extracurricular activities and sports. Through subject-enrichment and student-enrichment activities, student-centric inclusive education is facilitated at our school.

1.3 Academic objectives

At Heritage Vidhyalaya School, we recognize that each student has a unique learning skill/style. In order to bring out the best in each child, we have devised our academic program to synchronize with differential abilities at an early stage and direct our teaching initiatives to enable every student to continuously improve in their studies.

These initiatives include maintaining a low student strength in classes with trained faculty to identify students' learning patterns, devising continuous skill-based plans according to their learning needs and delivering them in an integrated manner using a digitized classroom environment. We implement the Continuous and Comprehensive Evaluation (CCE) framework of CBSE from grade 1 to 10 we follow uniform system of assessments as advocated by CBSE Board to constantly monitor student progress and update learning material in a timely manner ensuring positive learning outcomes. Four batches of students of grade 10 students have emerged creditably successful in the CBSE Board Examination, with 100% pass percentage scoring good marks.

The Annual Pedagogical Plan of Heritage Vidhyalaya School is formulated in consonance with the spirit of National Curriculum Framework (NCF)–2005, which constitutes the cornerstone of CBSE vision and mission. The pedagogical plan spells out a comprehensive account of all stages involved in designing curriculum and its implementation (e.g., preparing lesson plans, setting learning objectives, identifying outcomes of learning through assessment both objectively and subjectively, remedial classes, subject-enrichment and student-enrichment activities etc.)

For children to be successful in school, work, and life, it is essential to provide them with opportunities to learn 21st century skills such as critical thinking, creativity, digital literacy, global awareness, leadership quality, productivity, interpersonal skills, collaborative and communicative skills, the ability to discern facts from misinformation etc. These skills are felt more important in the contemporary scenario than ever before for students to be successful in their life and career, in view of the fast changing dynamics of the globalized era. Our nation's well-being is intertwined with our people possessing these skills, which, in turn, enable them to adapt and blend readily with a modern work environment. Consequently, Heritage Vidhyalaya School is committed to make diligent and conscious efforts in classrooms to focus not only on subject knowledge, curricular and co-curricular activities but also with imparting the 21st century skills to the children. This will facilitate the students to critically think and provide innovative solutions for even complex problems and develop the ability to work and communicate effectively with people across the nations.

1.4 Vision and mission of the School

1.4.1 Vision

Heritage Vidhyalaya School aims at imparting good quality inclusive education to children of a range of learning abilities in a stress-free environment that could ensure their holistic development with 21st century skills.

1.4.2 Mission

With a team of dedicated, talented, and caring teachers and excellent infrastructure, Heritage Vidhyalaya School adapts a facile teaching-learning process in a free and supportive environment that ensures the all-round development of children to help them evolve into men of character, wisdom, empathy and responsibility.

1.5 School Name and Address

Name of the school: **Heritage Vidhyalaya**

Complete Address: **Kavarkalpatty, Sendrayanpalayam, Valapady, Salem-636111**

Phonenumber: **0427-2488575**

E-mail Id: **Office@heritagevidhyalaya.com**

Web site: <http://www.heritagevidhyalaya.com>

1.6 Principal Details

Name: **Mr. P. Sakthivel M.Sc., M.Ed., M.Phil.,**

Contact #: **0427-2488575; 9578561911; 9003825855, 56**

E-mail Id: **sakthivel@heritagevidhyalaya.com**

1.7 School Details

Year of Affiliation: **2016**

Affiliation No.: **1930665**

School Code: **55550**

U-DISE Code: **3308 1901 703**

Recognition Code: **004-17-S-0027-0723**

Type of School (Middle/Secondary/Senior Secondary): **Secondary**

Boys/Girls/Co-Education: **Co-Education**

Day School/Day Boarding/ Residential: **Day School**

No. of Students: 448 (Total) 238(Boys) 210 (Girls)

No. of Divyang (with Special Needs): Students: **None**

Facilities Available: **As per CBSE Guidelines**

No. of Students in: **Day School 448**

Location Type: Urban/ Rural/ Hilly Area: **Rural**

Is the School a Minority School? **No**

School Quality Accreditation Details (if any): **NA**

1.8 Key Strengths of the School

- a. State of the Art Equipment and Facilities
- b. Skilled, Intelligent, Empowered, and dedicated faculty
- c. Student Centric Inclusive Education – A Conducive Learning Environment
- d. Wholesome development with 21st century skills
- e. Academic Excellence
- f. Environment & Eco-consciousness
- g. Digital Information and Technology-driven teaching protocols
- h. Encouragement for Collaboration and Teamwork
- i. Leadership with national and multinational exposure in the field of education
- j. Safe, Congenial Learning Environment
- k. Emphasis on sports and extracurricular activities

l. Stimulation towards Innovation and invention.

m. Reliable Support Staff

Our school encourages and provides opportunities to children to enhance their creative talents. The school encourages the artistic talents of children and involves them in diverse co-curricular activities. On several important days like Environment Day, Children's day, Founder's day, children are encouraged to participate in arts, speech and essay competitions.

Number of Students on Roll (Class-wise)

Class	Pre School	Pre-primary	I	II	III	IV
# of sections	1	1	2	1	1	2

Class	V	VI	VII	VIII	IX	X
# of sections	1	1	1	2	1	1

1.9 School Academic Performance

1.9.1 Pass Percentage during the last Academic Session

Class	Number of students appeared	Number of students passed	Pass percentage
Pre-school	27	27	100
Pre-primary	59	59	100
I	49	49	100
II	46	46	100
III	56	56	100
IV	50	50	100
V	41	41	100
VI	39	39	100
VII	55	55	100
VIII	37	37	100
IX	29	29	100
X	27	27	100

1.9.2 Board Examination (Class X) at a Glance

Year of First Batch of Class X: 2017 -18

Year	2017-18	2018-19	2019-20	2020-21
Number of students appeared	10	12	17	27
Number of students passed	10	12	17	27
Pass percentage	100	100	100	100
No of students above 90% marks	3	-	2	7
Compartment	NIL	NIL	NIL	NIL
Fail	NIL	NIL	NIL	NIL

1.10 Staff Details

The number of the teachers including Librarian, PET and Principal in position (Regular, Ad-hoc or Part -Time)

Group	Regular	Ad-hoc	Part- Time	No. of teachers	
				Trained	Untrained
Pre-Primary					
Primary					
Middle					
Secondary					
Special Educator					
Librarian					
PETs					
Music Teachers					
Dance Teachers					
Yoga Teacher					
Counsellor					
Others (if any)					

2 Pedagogy at Heritage Vidhyalaya School

2.1 Our Pedagogical Strategy

At Heritage Vidhyalaya School, we personalize our students' learning to ensure active engagement of each student as has been already alluded to. Our students are given genuine, specific feedback on their progress during interaction with teachers on a one to one basis. This is helpful for the students to refine and set meaningful learning goals. Teachers facilitate students' understanding of the curriculum standards by explaining the pedagogical plan in simple terms.

Our teachers work in tandem with each other to implement the curriculum laid down in the pedagogical plan effectively. Working in teams, they carefully evaluate the needs of the students they teach and communicate their professional feedback and experiences gained in teaching and learning process with each other. This approach enables them to formulate the best curricular practices for efficient upbringing of the students.

It is gratifying to find our teachers; parents and the broader community working together with mutual respect and focus to facilitate student learning by providing opportunities to the children to apply their skills and knowledge to real life situations.

2.1.1 Our Teaching Learning Approach

To inspire students to engage and involve with interest in their learning activities at Heritage Vidhyalaya School, we personalize their learning experience by carefully planning the curriculum based on individual child's needs which includes:

- a. Emphasis on prior knowledge
- b. Importance to individual interests
- c. Focus on individual learning styles, abilities, and skills
- d. Help the students to identify their future learning goals and the means to reach them
- e. Students and teachers working together to evolve learning pathways to suit each student
- f. Enabling parents to track the progress of their wards via frequent digital communication and parent-teacher meetings.
- g. Facilitating students to articulate their learning by presentations.
- h. Children are given freedom to decide on the methodology of learning and making presentations.
- i. Use of technology to personalize learning.

2.2 Pedagogical Planning Committee (PPC) meetings

Name	Designation	Role in PPC
Dr.S.Perumal Er Kannan Perumal Mr. P. Sakthivel	Chairman Vice Chairman Principal	Initiating the process of preparing annual pedagogical plan and exploring effective ways of ensuring wholesome development of students in the challenging pandemic scenario.
Mr. P. Sakthivel	Principal	Guiding committee members on the methodology of preparing an annual pedagogical plan.
Ms. Jeyabarathy	Vice Principal & Examination Committee member	Providing all the data related to the Academic session.
Ms. Siva Suriya Ms. N. Gayatri Mr. D. Karthikeyan	PGTs (Languages and Science)	Collecting all the data related to the Academic session.
Mr. P. Sakthivel Mrs. Tamil Selvi Ms. N. Gayatri	Principal PGTs	Compilation and reviewing for preparing the final version.

2.2.1 Annual Pedagogical Plan

A series of PPC meetings were conducted and the details of discussions held are given in the following table.

Date	Stakeholders consulted	Discussions held
10, Jan 2020	Management, Principal, and coordinators	a. Assessing the progress and achievements of the previous year and identifying any shortcomings which need to be addressed by the annual pedagogical plan of the new year. b. Planning year long activities in the academic, co-scholastic and extracurricular activities and constitution of respective committees.

		<ul style="list-style-type: none"> c. To evolve and implement a comprehensive teaching program incorporating multiple intelligences to ensure wholesome development of the students. d. To ensure teacher-parent cooperation to help the children to excel in their studies. e. Motivating children to enhance English language proficiency and improve pronunciation– use of appropriate tools f. Conduct of online classes – identifying challenges and evolving appropriate solutions g. Use of innovative methods and integrated approach in teaching. h. Teaching by integrating art with subjects i. Planning school functions and competitions.
20, Jan 2020	Principal, Vice principal and all teachers	<ul style="list-style-type: none"> a. Evolution of protocols for sustaining the interest of the students in online classes b. Providing white boards, markers, mobile stands etc. to teachers for the conduct of live classes from their homes in view of the second wave of Covid-19. c. Standardization of online live video classes to ensure clarity in visibility of writings on the board, clarity of sound etc and optimising the parameters d. Preparation of pedagogical plan. e. Developing department-wise Pedagogical Plans
25, Feb 2020	Principal, Vice principal and coordinators	<ul style="list-style-type: none"> a. Compilation of annual pedagogical plan b. Planning for the effective conduct of online and off-line tests, periodical tests, annual examinations etc.

2.2.2 Reference guidelines for implementation of Annual Pedagogical Plan

- a. Preparation of lesson plans should synchronize with the grade-wise, subject-wise, and unit-wise detailing of innovative pedagogy to be used in classrooms.
- b. Preparation of content pertinent to teaching concepts related to art, sports, and ICT education in consultation with the help of the teachers of the respective disciplines.
- c. Dissemination of annual pedagogical plans to all the stakeholders in the beginning of the academic year itself.

- d. Ensuring proper implementation of the annual pedagogical plan.
- e. Monitoring the progress of the implementation of the plan periodically.
- f. Keeping a record of the plan and the progress of its implementation.

2.3 Academic Resources

The various academic resources available for children to acquire quality education are furnished in the following table.

Name / nature of resource	Segment (Pre-primary / primary / secondary	Usefulness
Outdoor play area and playground	All children	a. Playing is an activity which all children love to have every day.
Montessori materials	Pre-primary and classes 1-3	<p>a. The Montessori system of education emphasizes independence of children, viewing them as naturally eager for gathering knowledge and capable of initiating learning in a sufficiently supportive and well-prepared learning environment. Through this education protocol, even mentally retarded children also show perceptible progress in their education.</p> <p>b. Encouraging children to explore Montessori materials like puzzle solving enables them to overcome learning disabilities such as attention deficit hyperactivity disorder (ADHD).</p> <p>c. This is a boon to children who are uncomfortable with the normal traditional system of education where all children of a class are treated alike.</p>
Language lab and library (Wordsworth Language Lab)		a. These facilities assist students in improving knowledge and developing listening, speaking, reading, and writing (LSEW) skills. This also helps students to develop correct pronunciation, vocabulary, and grammatical sense.

Agricultural activity (science and nature)	Primary and secondary	<p>a. As this school is located in a rural area, a lot of opportunities are available to indulge in and showcase agricultural activities and explain scientific concepts on a practical basis. Students are often encouraged to sow seeds of plants, nurture the plants with organic manure and water, watch the growth of the plant as well as diseases of the plants, and scientifically deal with them using natural pesticides such as neem oil.</p> <p>b. Through these activities, students learn the value of labour and develop respect for farmers, who constitute the backbone of our country.</p>
Activity room	Pre-primary, classes 1 and 2	<p>a. The activity room hosts several interesting play equipment, which the children love to play with. Their involvement with interest enhances the energy and enthusiasm of children and provides a healthy break from the routine.</p>
Library	From class 1 onwards	<p>a. Library has a variety of books like talking books, story books of Ladybird series etc. for lower primary. As the library hosts a variety of books, every student can find books and magazines of his/her interest. Visiting library and reading books relaxes the minds of children, besides enriching their knowledge, language, and communication skills.</p>
Math lab	Primary and secondary	<p>a. Activities in maths labs enable children to get a clear understanding and clear perception of mathematical operations and concepts thereby creating interest in this subject.</p>
Computer lab	Primary and secondary	<p>a. Students learn computer related concepts through hands-on experience of using computers. They also explore drawing and colouring pictures, besides using them to make PowerPoint presentations on given topics. Students also use computers to clear doubts, prepare assignments on topics at a deeper level and collect new information.</p>
Smart class	Nursery, Primary and secondary	<p>a. Audio visual facility of smart classes enables clear understanding and learning of the subject</p>
Chemistry, physics, and biology labs	Primary and secondary	<p>a. Activities/experiments in these labs facilitate better understanding and assimilation and remembering of these subjects.</p>

G-Suite , an online teaching platform with educational resources	Primary and secondary	<p>a. G Suite for education is a Google workspace with subject contents introduced very recently for Educational purposes. This facility consists of easy-to-use tools that provide a flexible and secure foundation for learning, collaboration, and communication.</p>
Google classrooms	Nursery, primary and secondary	<p>a. Google classroom is a free and easy tool helping students efficiently. It helps in accelerating learning with differentiated learning paths for each student. This tool helps to manage and deliver performance assessments in a facile manner effectively.</p> <p>b. Teachers can place different kinds of materials in each class like subject videos, assignments, question papers, Powerpoints, etc for each class, and for each student. In this way, google classrooms ensure efficient delivery of student-centric and differentiated learning, thereby bringing every student of different learning capacity to prosper in studies.</p> <p>c. This tool is especially useful in imparting quality education during this corona pandemic period.</p>
Khan academy	Primary and secondary	<p>a. Khan academy is a free learning resource for many subjects such as math, art, computer programming, economics, physics, chemistry, biology, medicine, finance, history and so on.</p> <p>b. The benefits of learning by the use of Khan academy is that it provides world-class education for anyone anywhere. This resource embodies quality subject matter in all subjects from fundamentals to advanced level.</p> <p>c. This resource also helps in the advancement of knowledge of students of different levels. As each student can start learning from his own level at his own pace, this resource also can be used efficiently as a student-centric differentiated learning protocol.</p>
Oxford English Listening app	Grades 5 - 8	<p>a. This app has an excellent compilation of several conversations pertaining to different situations, grammar, pronunciation etc. It could be particularly useful in learning proper British English pronunciation and communication skills. When we click on every statement in the conversations, we can hear the audio reading.</p>

		<p>b. This is a facility which would be very much useful for students who can read only slowly.</p> <p>c. If students repeatedly listen to the variety of conversations in this app, one can improve their pace of reading as well.</p>
English VOA Learning app	Grades 9 and 10	<p>a. This app contains many global news items of contemporary relevance, which is also updated periodically.</p> <p>b. One can hear the news being read out by native American people and vocabulary with meaning is also listed for every news item.</p> <p>c. The news items in this app are suitable for giving comprehension assignments for class IX and X students.</p>
Online educational portals	Primary and secondary	a. Diksha portal, NISHTHA, National Repository of Open Educational Resources, NCERT, Siksha Vaani are useful portals for enriching the knowledge of students
Educational Tours		<p>a. Educational tours provide an excellent opportunity for students to gain proper perception of the world around them, expand and enhance experiences, and explore different environments.</p> <p>b. They provide students with unique excitement and thrill, interactions with teachers and peers, besides gaining knowledge and correlating with subject matter.</p>
Reference books and research papers	Grades 5 and above	a. Reference books available in the library and research papers available in the internet can provide clarity to the concepts and other topics of contemporary relevance.

2.4 Monitoring of Pedagogical Plan

Date/Month	Findings/Feedback	Areas of Improvement
Grade I Jul to Aug 2020	<p>Appreciable involvement of students in self awareness activity.</p> <p>Fruitful involvement of students in hands-on maths and language activities through integration with art</p> <p>Classic Rhyme recitation and enactment.</p> <p>Enriching sessions through the medium of interactive modules.</p>	<p>More emphasis can be laid on phonics and reading skills of students</p> <p>Rhyme Recitation and story narration activities shall be performed often to improve communication skills in English</p> <p>Hindi role play activity can be conducted through an integrated approach with another subject</p>

		More importance shall be given for enriching communication skills in Hindi
Grade II Jul to Aug 2020	<p>Appreciable involvement of students in Self Awareness activity.</p> <p>Fruitful involvement of students in hands-on maths and language activities through integration with art</p> <p>Classic Rhyme recitation and enactment.</p> <p>Enriching sessions through the medium of interactive modules.</p>	<p>Phonics, syllabification and reading complex words shall be given importance.</p> <p>Story reading using books like Lady bird series shall be conducted on a regular basis to inspire children to develop interest in book reading.</p> <p>Rhyme Recitation and enactment can be upscaled to creative story narration</p> <p>Hindi role play activity can be conducted through an integrated approach with another subject</p>
Grade III Jul to Aug 2020	<p>Integrated project base activity</p> <p>Interesting method of teaching language and mathematics daily</p> <p>Meaningful usage of Class Library for reading activities</p> <p>Better conceptual understanding through Astronomy and Educational trip.</p> <p>Rubik's cube activities being conducted on regular basis</p>	<p>Further enhancement of teaching by using newspapers to conduct listening activity and group discussion.</p> <p>Better classroom management during group poster making activity</p> <p>Developing more student centric club activities.</p> <p>Conversation between pairs of students appropriate to different situations.</p>
Grade IV Jul to Sep 2020	<p>Meaningful and significant incorporation of Theatre in Education to teach literature.</p> <p>Complete involvement of students in learning grammar through newspapers and magazines.</p>	<p>Organising follow-up sessions after educational trips</p> <p>Incorporating more Sports and Music activities in other subjects to enhance social skills</p> <p>Language development activities.</p>

	<p>Enhancement of scientific skill and mathematical skills through online quizzes and Maths Kits.</p> <p>Adoption of interdisciplinary approach adopted in all the subjects.</p> <p>Better conceptual understanding through Astronomy and Educational trip.</p> <p>Rubik's cube activities being conducted on regular basis.</p>	
<p>Grade V</p> <p>Jul to Sep 2020</p>	<p>In-depth vocabulary enrichment programmes conducted in classes for better comprehension</p> <p>Role Play and Theatre in Education incorporated in the teaching of English, provide an edge to the students' understanding of the complex concepts too.</p> <p>Useful participation in online quizzes</p> <p>Better conceptual understanding through educational field trip.</p>	<p>Tell a Story program can be conducted through an interdisciplinary approach with other subjects</p> <p>Vocabulary enrichment activities can be conducted to improve language skills.</p> <p>More in-depth mathematical activities to be developed to enhance computing skills</p> <p>More language development and scientific temperament enhancing activities.</p>
<p>Grade VI</p> <p>Jul to Sep 2020</p>	<p>Better conceptual understanding through Lab activities.</p> <p>Enhanced student participation and interest in all science activities</p> <p>Appreciable interest and learning displayed during Tell a Tale activity</p> <p>Innovative use of art to enhance creative sensibilities in other subjects</p>	<p>Incorporation of listening and speaking activities to enhance language skills</p> <p>Conducting follow-up sessions after Heritage Walks and Educational visits to monuments</p> <p>Incorporating modes of e-learning to engage students in the field of technology.</p>

Grade VII Jul to Sep 2020	<p>Excellent use of PPTs as a teaching aid</p> <p>Enhanced understanding of scientific ideas through club-based activities</p> <p>Infographics visual stimulus provided to better retain and interlink all concepts related to a lesson.</p> <p>Enriching learning experiences through Khan Academy, wordsworth and Lab sessions.</p>	<p>Need for improved vocabulary in Story Building and Story Telling sessions.</p> <p>Better class management and the need to put up probing questions during book discussion activity.</p>
Grade VIII Jul to Sep 2020	<p>Use of art to develop and enhance skills in all subjects</p> <p>Enhanced understanding of complex concepts through Khan Academy, videos etc.</p> <p>Intensified student participation and conceptual understanding through flipped classroom techniques, viz. Assign readings with questions to answer, ask students to view lecture videos, provide demonstration videos, create online class discussion groups, use digital curriculum, quiz, assignment, etc.</p>	<p>Need to organise group discussion as a follow-up activity after questionnaire filling</p> <p>Organising in-depth discussions after model making and presentation session</p> <p>Need to develop vocabulary and understanding of paragraph structure</p>
Grade IX Jul to Sep 2020	<p>Appreciable assessment tools used to bring out language efficiency among students</p> <p>Enhanced students' involvement in celebration of important days and organisation of MUNs.</p> <p>Scientific enrichment through flipped classroom protocols.</p>	<p>Incorporate more student centric learning and teaching strategies by adopting diversified teaching skills</p> <p>Organising learning experiences outside the classroom for more and more subjects</p>
Grade X	<p>Enriching summer break projects to enhance student understanding of the subject</p>	<p>Incorporating value-based learning in all the subjects</p>

Jul to Sep 2020	Creative use of mathematical crossword, abacus, Vedic maths, and other activities.	Enhancing learning skills to meet the need of diverse subjects and different minded students Making e-learning significant in engaging students.
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2.4.1 Plan of Action / Recommendations

- Conducting one-to-one sessions with the teachers to discuss the areas of improvements and strategize new methodologies to enhance teaching learning process
- Organising workshops for teachers as well as students to prepare them for up-coming changes and challenges
- Optimizing teachers' professional sharing culture for promoting effective pedagogies and refining subject curriculum
- Review and refine the curricula, quantity and quality of assignment and assessment
- Hold an evaluation meeting.

Guidelines for Implementation of the Plan

- Ensure grade wise, subject wise and unit wise detailing of the innovative pedagogy to be used through preparation of structured lesson plans.
- Develop content related to art, sport, and ICT with education, with the help of concerned teachers as well as Art, Sports, and ICT teachers.
- Ensure dissemination of plans to all teachers and all concerned by June every year.
- Ensure proper implementation of this plan.
- Monitor the progress at least monthly.
- Reach out to the Board for any training needs.
- Maintain records of the preparation of the plan, and the progress in the implementation.

2.5 Alumni Details

The school has facilitated students to write their Class X Board Examination from 1918 onwards. Hence only the first set of students have now joined professional and arts and science courses. As Heritage Vidhyalaya is currently offering education only upto secondary level, the first set of students who passed

out in the Class X Board Examination continued their studies in other CBSE and State Board schools for their Higher Secondary Level examination. They have joined various courses such as: **B.E. (Biomedical Engineering), B.E. (Production Engineering), B. E. Fashion Technology, B.Pharm, B.A. Litt. B.Sc. Radiology etc.**

3 Our People Wellness

Wellness activities facilitate people to nourish their mind, body, and spirit. There are many dimensions for wellness. Such as emotional wellness, physical wellness, intellectual wellness, spiritual wellness, environmental wellness, social wellness etc.

3.1 Emotional Wellness

Having high self-esteem, confidence, satisfying relationships, a support network, and staying optimistic, understanding feelings, accepting limitations, achieving emotional stability, and becoming comfortable all contribute to emotional wellness.

In the context of emotional wellness, students should be delicately handled without offending their self-esteem and confidence. Children who are less accomplished in studies, with proper encouragement may excel in extracurricular activities, which in turn can stimulate and enrich their performance in studies as well.

3.2 Physical wellness

Optimal physical wellness requires eating well, regular exercising, avoiding harmful habits (such as smoking), getting enough sleep, recognizing the signs of diseases etc.

Hence students are encouraged to eat nutritious food, do exercises, and pursue sports and games, inculcate values, and be disciplined so as to follow a healthy lifestyle. A good physique is a strong foundation over which one can excel in all their endeavours.

3.3 Intellectual wellness

Intellectual wellness is intertwined with education and lifelong learning. To ensure intellectual wellness, students are inspired to pursue activities that enhance knowledge, develop moral reasoning, nourish critical thinking, appreciate fine arts, and understand people with empathy. Students are prompted to help others whenever possible. For instance, our students are encouraged to help children from economically weaker families to improve their studies and communication skills in English. These kind acts boost the self-esteem and confidence of children which results in overall improvement in their studies and other aspects.

3.4 Spiritual wellness

Possessing a set of guiding beliefs, principles, and values that give meaning and purpose to life contributes to the spiritual wellness of people. When one is sound in spiritual wellness, he/she would also have the mindset to love and have compassion for others, will be able to do any work with joy and fulfilment and have satisfying interpersonal relationships.

In our school, teachers handle children with love, affection, care, empathy and understanding. Children who experience such kind treatment will also be prompted to behave similarly with others. This will ensure their growth into citizens with responsibility and societal consciousness.

3.5 Social wellness

Social wellness pertains to having a supportive social network, contributing to society, and valuing cultural diversity and respecting differences of opinion/views of others and maintaining good communication and interpersonal relationships.

The activities that could result in social wellness are seeded at student stage itself, by celebrating constitution day when the various aspects of constitution that respects cultural diversity and fundamental rights where everyone understands and respect others as well. The habit of contributing to society when the children grow up into adults later, is nurtured from the student stage itself by encouraging them to help others as well.

3.6 Wellness Activities

In our school great importance is given to the safety and well-being of each student, by taking the following measures.

- High security standards are maintained by trained and experienced staff.
- Children friendly infrastructure, clean well-ventilated classrooms, and well-established counselling facilities are available.
- Medical check-ups and health camps are organized to detect health issues for further action.
- Counselling sessions are arranged for children with clinical psychologists to identify and rectify deviations from the normal behaviour.
- Appropriate intervention and remediation are applied on the basis of the nature of the problem through one-to-one sessions with a teacher/special educator.

The details of some specific wellness activities that are pursued or planned for creating awareness on the well-being of students are furnished in the following table.

Date	Nature of activity	Objectives
7 Apr 2021	World health day - Stay fit and stay safe	<i>For Class 9 and 10 students</i> Creating awareness to maintain good health, youth to effectively guard against infection from Covid-19
5 Jun 2021	World environment day	<i>For Students from class 1 and above</i> <ol style="list-style-type: none"> Motivating children to plant a tree around their house/field, take a snap and send it to school. Inspiring children to prevail upon parents to replace tube lights and bulbs at home by LED lightings. Conserve water by changing leaking water taps and avoid taking showers using sprinklers and use buckets and jugs to take baths. Implementing rain water harvesting system for storing rain water Creating awareness on harvesting rainwater and using water from kitchen and vegetable waste to feed plants and trees. Encouraging children to use bicycles to move over short distances.

		<p>f. Encourage children to plant vegetable plants on the ground or on the roof. The foremost benefit of this activity is two-fold: enabling self-reliance in vegetables and avoiding the possibility of being infected with corona upon undertaking a visit to market.</p> <p>g. Creating awareness on the benefits of trees, as a source of oxygen, fruits, flowers, medicines etc</p>
20 Jun 2021	<p>Creating awareness on the Corona pandemic.</p> <p>This is of very great importance in the wake of infection and death of a huge number of people in our country.</p>	<p>a. A questionnaire will be sent through email to children on the following aspects of corona and for the children to be sent back in three days, so that children can search for answers on the net, discuss with parents, teachers, and doctors if possible. During this process both students and parents will get valuable information which could save lives.</p> <p>b. Oratorical competitions can also be conducted on the corona pandemic, ways to prevent infection and to manage infected persons, the importance of vaccination, different types of vaccinations available for corona, the benefits of vaccination in case infection occurs after vaccination.</p> <p>c. Creating awareness on corona vaccination and its benefits is of utmost importance as still some less educated and less advantaged people in society are hesitant to have vaccinated.</p> <p>d. The students who score maximum in each class prizes would be given ways to protect from infection understanding the stages of corona infection once affected,</p> <p>e. Monitoring the patient through oxygen percentage using pulse oximeter and get treated from the infection</p> <p>f. Role of 2-Deoxy=D-glucose in reducing dependence of oxygen cylinder</p> <p>g. role of traditional medicines and protocols like Kabasurakudineer, Clivera tablets and steam inhaling in the treatment of corona,</p> <p>h. The benefit of proning in corona infected people is to increase oxygen levels. (Prone is the process of turning a patient with precise, safe motions from their back onto their abdomen (stomach) so the individual is lying face down).</p>

14 Jun 2021	World blood donation day Webinar on 'the importance of blood donation'	To create the importance of blood donation in saving lives. Students can influence and motivate their parents and relatives to donate blood.
21 Jun 2021	National Yoga Day	Practicing yoga has a profound influence on physical, emotional, and spiritual wellness of people. In this corona pandemic yoga practices involving deep breathing are helpful in enhancing oxygen level in the body.
23 Jun 2021	World music day	Music plays a vital role in removing stress and tension and has a great positive contribution to emotional well-being. Hence students will be prompted to hear music or play music.
21 Jun 2021	International Yoga Day	Practicing yoga has a profound impact on maintenance of health. Yoga practitioners are less prone to disease and endowed with longer life spans.
30 Jul 2021	International day of friendship	Friends play an important role in the maintenance of good mental health. People can share their difficulties freely with friends.
13 Aug 2021	Organ donation day	On this day awareness will be created to students and parents on the importance of organ donation which could save several people. On this day we will motivate normal human beings to pledge to donate organs after death.
29 Aug 2021	National sports day	National sports day is celebrated to commemorate the birth anniversary of hockey wizard Dhyan Chand with a view to creating awareness on the positive impact of sports on physical and mental health,
12 Sep 2021	World first aid day	On world first aid day celebrations create awareness on the importance of first aid training in preventing injuries and saving lives.

16 Sep 2021	World ozone day	Life on earth is impossible without the ozone layer found in the upper layers of atmosphere. It protects life on Earth by absorbing Sun's harmful ultraviolet radiation which would otherwise lead to skin cancer and other diseases in human beings.
12 Nov 2021	World pneumonia day	Pneumonia is the single biggest infectious killer disease of adults and children. Especially during the coronal pandemic, death of the people affected by pneumonia increases sharply.
16 Oct 2021	World food day	This day is celebrated to promote global awareness and action for those suffering from hunger and to highlight the importance of taking a healthy diet for all.
1 Dec 2021	World AIDS day	To create awareness on the prevention of HIV virus.
11 Jan 2021 to 17 Jan 2021	Road safety week	During this week-long yearly campaign, the government creates awareness about how to drive safely or cross roads to avoid accidents and injuries.
24 Jan 2022	National girl child day	This day is celebrated to create awareness among people about all the inequalities in girls' education, health, and nutrition in our country.
4 Feb 2022	World cancer day	This day is celebrated to raise awareness of cancer and to encourage its prevention, detection, and treatment.
28 Feb 2022	National science day	<p>This day is celebrated to create scientific temper in students, which will go a long way to preserve environment, health and make new discoveries and innovations which will ensure better living conditions.</p> <p>On this day, a quiz in science, a science fair, speeches about scientists, the perils of fast food and obesity and health, role plays and exercises on health debates such as should our country go nuclear? can be organized.</p>

22 Mar 2022	World water day	The world water day is celebrated to raise awareness on the multidimensional role of water for household, food, culture, health, environment, etc and on the global water crisis and focus on the need for pursuing sustainable development. Unless people understand the value of water it will not be possible to safeguard this resource for the benefit of all.
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3.7 Community Outreach Activities

Community outreach initiatives provide a wonderful opportunity for encouraging students to evolve into caring, empathetic, society-conscious responsible citizens besides developing leadership and service mindedness. Community outreach at Heritage Vidhyalaya School is part of our transdisciplinary curriculum.

Community outreach projects enable cooperative interactions between the students, teachers, and management with the needy communities to usher in wonderful transformation. These activities also facilitate interactions between students and teachers, which opens up even introverted, shy children to normalize their scuttled behaviour. Additional advantage of these activities is that when the children watch the plight of less-advantaged, marginalized sections of society, they realize their own better situation and the support they enjoy from their family.

- a. In tune with the quote, 'charity begins at home', children who are slow and hesitant to express their learning difficulties to teachers, are helped by the bright ones, through one-to-one interaction. By this way, the needy children also feel free to express their difficulties and doubts and start opening up to their friends, the latter also help them to learn effectively. This minimizes the time spent by teachers to reach all students fully. In this way student-centric inclusive education is achieved in our school in a facile manner in higher classes.
- b. Senior children in our school guide the smaller ones during school functions and school meetings, thereby developing leadership qualities and organizational skills. This, in turn, also help them to organize their homes and their development goals and pursuits resulting in silent large-scale transformation.
- c. Our children participate with enthusiasm to provide emergency monetary assistance and relief materials, whenever large scale natural disasters like devastating floods occur rendering many people homeless and their living exceedingly difficult.
- d. As this school is in a rural place, children get the opportunity to be involved in practicing agricultural activities such as sowing seeds and nurturing the emerging plants, watching the beauty of the growth of the plants in the land in the school under the supervision of teachers. During these projects, the teachers also intertwine these activities with exposition of concepts and lessons of the respective subjects to the students. The students also understand the value and importance of the agricultural labour and start developing keen interest and respect for the farmers who constitute the backbone of our country. This, in turn, has a wonderful cascading effect on students to prompt them to help their parents and neighbours voluntarily in their farming and other activities. Parents also feel happy and appreciate the children bringing them closer with mutual respect.
- e. Our children visit homes of children and elderly people and provide materials and things they need. When requests for assistance come from faraway homes also, our children render help without hesitation.

- f. During this period of pandemic, children were encouraged to distribute masks to construction workers, sanitation workers and agricultural laborers working in and around their homes. The brief period during which the school was opened up for classes IX and X, the r students of these classes enthusiastically participated in distributing masks and providing sanitizers and ensured social distancing in parent-teacher meetings, besides effectively protecting themselves.
- g. Students of higher classes and teachers help in motivating and helping the students who are academically low achievers studying in other schools in their academic pursuits. Our school also helps the graduates with degrees in Arts and Science and Education but lacking English fluency and/or communication skills to acquire the same. Thereby they are molded into good, sincere, and respectable teachers.
- h. This endeavour is extended to prompting parents with educational qualifications sufficient to become teachers, who lack language proficiency and communication knowledge.
- i. Children are prompted to avoid wasting excess food during lunch time by throwing it into dustbins. In this respect, the excess food the children find is collected and fed to domestic animals of farmers around the school. Children are also motivated to feed stray animals and birds by keeping food, food grains and water around their home during this corona pandemic period.
- j. The students of the environment club plant saplings and nurture the plants by watering and manuring periodically.
- k. The students of the environment club also impress upon their parents and neighbours on the need to adopt drip irrigation for their agricultural fields and methods of conserving water by rain water harvesting. They are also inspired to uses organic manuring and natural pesticides based on neem oil/leaves.

4 Institutional Protocol

Progress is everyone's business. High quality performance is a baseline expectation at Heritage Vidhyalaya. To bring everyone to the same page, it is essential to lay down basic rules of engagement and ways to succeed.

Heritage Vidhyalaya has all the required ingredients to be the # 1 CBSE School. This document lays down the protocol / rules in key areas, as much transparent as possible to reflect what it takes to reach a higher level of operations with higher level of clarity. It is expected of everyone at Heritage Vidhyalaya to understand this document and evolve accordingly.

4.1 Morning Assembly protocol

1. Morning open assembly sessions shall be conducted every day without fail.
2. If for reasons like – rain, etc the session does not happen, a prayer song shall be sung in the classroom facilitated by the first period teacher.
3. Assembly shall have the following structure:
 - a. Flag hosting – only on Mondays
 - b. தமிழ்த்தாய் வாழ்த்து – on Mondays
 - c. Prayer song – as in student diary
 - d. Message from the Management – not more than 2 minutes.
 - e. Message from the Principal / Vice-Principal – not more than 2 minutes
 - f. News – student – not more than 2 minutes
 - g. Thought for the day – student – both in English/Tamil – under a minute
 - h. Birthday celebrations – all the students names + Birthday song
 - i. National Anthem –on Mondays

4.2 Classroom protocol

1. Name of the class leader shall be written on the class board.
2. All conversation shall happen only in English in the school campus.
3. Students' attendance shall be marked by the staff who are scheduled for the first period of the class as per the timetable or as per the substitution.
4. Attendance record shall be submitted to the **Admin office** before the starting of second period.
5. **Discipline:** Observation on the following shall be entered as a remark in the **student's observation note**.
 - a. Class teacher shall check the uniform compliance of the student – including the following:
 - i. Clean and neat uniform
 - ii. Well-polished shoes
 - iii. Well-trimmed fingernails

- iv. Well-groomed hair
 - v. No watch, no colourful bands
 - vi. No gold ornaments, no colourful flowers
 - vii. No unauthorised electronic gadgets or fancy items
 - b. Class teacher shall check the **student diary** every day.
 - c. Student **Handwriting Note** shall be checked during the Handwriting period – as per the class timetable.
6. Before closing of the day, a prayer song shall be sung by the students in each class.
7. **Class bulletin board:** Class bulletin board shall have the following:
- a. Students Performance Chart
 - b. Monthly Information Sheet – planned subjects’ coverage for current month
 - c. Next exam timetable, and portions
 - d. **Class period** timetable, **homework** timetable, **class test** timetable, and **home test** timetable
 - e. **Student-Van table:** which student goes via which van.
 - f. Students Birthday chart
8. **Internal Assessment Record:** Class teacher shall maintain a detailed record on how the internal assessment is deduced for each student. This record shall be well maintained throughout the year.
9. A copy of the Monthly **Information Sheet** shall be put up in the class bulletin board.
10. Teacher shall carry along with - a copy of **Lesson-plan** all the time.
11. The student desk and table of the class shall be arranged in a geometric consistency in line with all the other classrooms.
12. Each teacher shall make a quick note of the cleanliness of the class and ask the students to tidy up the classroom in case where the classroom is not clean, e.g., has pencil sharpener waste, papers, and any other items – shall all be put in the dustbin.
13. Students shall keep their lunch bags at the back side of the classroom.
14. Before moving to another class, the relevant subject teacher of the class shall ensure the following is done:
- a. Board is cleaned well
 - b. Homework is checked and duly signed
 - c. **Lesson-plan** document is updated with the progress made during the session
15. Habitual defaulters of homework shall be asked to bring their parents, and appropriate remarks shall be made in the student **remarks register**.

4.3 Students Protocol

1. All conversation shall happen only in English in the school campus.

2. Students are encouraged to take pride in their appearance and have a positive attitude to learning.
3. Priority at school is to learn. Avoid distractions that interfere with or are counter-intuitive to that mission.
4. Be in the classroom when the bell rings.
5. Remain in seats during class unless instructed otherwise by the teacher. You (students) are dismissed by the teacher, not by the bell. Be courteous and attentive until the teacher dismisses.
6. Do not talk during the class except when called upon by the teacher.
7. Refrain from disturbing the class by disorderly conduct.
8. Be adequately provisioned for each class with pencil, pen, notebook, textbook, and any other items required for the classroom session.
9. Always use appropriate language and behaviour. Also, maintain friendly and courteous behaviour.
10. Be polite and respectful to everyone including students, teachers, administrators, support staff, and visitors.
11. Always follow individual teacher instructions, class rules, and expectations.
12. Do not be a bully. If you see someone being bullied, intervene by telling them to stop or immediately report it to school personnel.
13. Do not become a distraction for others. Give every other student the opportunity to maximize their potential. Encourage your fellow students. Never tear them down.
14. School attendance and participation in class are an essential part of the educational process. Regular attendance at school is necessary for student success. Furthermore, it allows students to achieve the maximum possible benefits from their educational experience. All students are encouraged to be present and prompt. School attendance is the responsibility of both parents and students.
15. Represent yourself in a manner that you will be proud of in ten years. You only get one opportunity to get life right. Take advantage of the opportunities you have at school. They will help you to be successful throughout your life.

4.4 Teachers protocol

1. Teachers/staff shall always speak in English in the school campus.
2. A teacher must **be in a class' WhatsApp group forum** if he/she handles one or more subjects/sessions of that specific class. For e.g., if a teacher handles English in class 1 (A), 1(B), 3(A), and 6(A), then that teacher should be in the WhatsApp forum of class 1 (A), 1(B), 3(A), and 6(A).
3. Teacher's performance is based on the compliance to the **Teacher protocol guidelines and the academic performance of the students.**
4. **Collaboration:** Teachers are expected to intellectually contribute during group discussions that happen in various platforms – including school official email, school WhatsApp group forums, and likewise.

5. **Time bound response to Queries from Management:** Teachers are expected to respond within 24 hrs to any queries – specific or general raised by the school Management – Chairman / Vice-Chairman. Response to a query shall be one or combination of the following:
 - a. Date commitment on when the work shall be completed
 - b. Answer to the query
 - c. Whether it is possible to get the work done
6. Once the staff commits to a date to get the work done, it is the duty of the staff to get the work done on time.
 - a. *It is the responsibility of the staff member to provide proof of progress, proof of timely delivery of work assigned, proof of effectiveness of himself/herself in the institution on an ongoing basis to the Management.*
 - b. The staff shall not blame the inefficiencies of other staff members for the delay in getting the work done.
7. **Always be on time to your classes as specified in the timetable. There is no negotiation on this expectation.**
8. Get to **know about your student** that you handle on a per subject basis and as a class teacher.
9. As a class teacher, take necessary action to ensure the student has the **Student Diary well maintained and adequately filled** with relevant information.
10. Ensure the class you visit is orderly all the time, and maintain a cheerful atmosphere, rather than a disorderly one. Make learning interesting and relevant to the students' lives.
11. Let the students know you care about them, and you are there to support their learning journey.
12. Find opportunities to praise good work, good behaviour, and good responses.
13. Never humiliate a child, never threaten them, do not use sarcasm to enforce discipline. Never compare one student with another. It is perfectly okay to apologise if you have treated a student unjustly.
14. Make sure punishments are appropriate for the misbehaviour. Explain to the student - why he or she is being punished. Secure more information from the student on who, what, when, where and why. Be objective rather than emotional. Record what happened, when, where, who was involved, what you did, and who witnessed the incident.
15. **Avoid arguing with students** unnecessarily – cut short such developments.
16. **Always be on the move** inside the classroom when the students solve/respond to a question/problem/exercise/instruction.
17. **Always review homework or assignments** and return them to students as soon as possible.
18. For all the assigned subjects of all grades, the teacher shall have the **Lesson plan for the entire year**, and have it uploaded to **Team Drive** before the start of the academic year.
19. Teacher shall mark the progress made in the **Lesson-plan** file and submit it to the office when asked for.

20. Teachers shall have up-to-date information on **lesson coverage for each subject** that contains the plan for the entire year vs what has been covered till date.
 - a. Subjects' coverage report sheet – previous months subject coverage – plan vs actual progress made in each subject shall be well maintained all the time.
21. Teacher shall keep a track of the top 10 student-performers of the class and bottom 10 student-performers of the class and shall take special care to bring up the weak performers.
22. Teachers shall talk to at least two parents (of weak students) and make corresponding entries in the Parent-School **partnership record**. Cover the following:
 - a. Observation on the student as marked in the **Student Remarks** note, **performance chart**, **mentor-mentee record**.
23. Student profile data shall be maintained for each student in the Student **Profile Record** note. This note shall be maintained by the Class Teacher. This shall be made available for parents during PTA. Following shall be captured in this record note:
 - a. Class Teacher's summary about the student's performance in PT1, PT2, and PT3.
 - b. Space to capture Parent's summary about the student's in PT1, PT2, and PT3.
24. Any subject teacher shall make an entry in the **Student Remarks** note. It is the responsibility of the class teacher to maintain this **Student Remarks** note.
25. Class teachers shall gather relevant information from all the subject teachers and arrive at a rating for each parameter as in the Performance **Chart** and shall mark it accordingly before 8th of every month for the **previous-months-performance** of each student.
26. All teachers are empowered to enquire a student if found to be indiscipline inside the school campus, including the following:
 - a. Boys: Shirt shall be properly tucked in; shirt sleeves shall not be rolled up.
 - b. Girls: maintain uniform integrity
 - c. Students shall not talk loud inside the campus, shall not run in the campus (except during games period), shall tie their hands at the back and walk in a line formation.
27. **Handouts:** shall be prepared for all the subjects from grade 1 to grade 8. It shall be submitted for review to the Chairman.
 - a. Handouts should contain all aspects such as dictation words, missing letters, match the following, fill ups, true/false, question answers, grammar questions, letter writing, comprehension etc (whatever appears in test). Enough drill for all children both good and slow learners must be given in reading and writing. Everyday test (class and home) must be conducted so that the performance of all students is exemplary.
28. Each Teacher shall have at least ten challenging students (not more than ten students) to mentor and groom. No one student shall have more than one teacher mentor. Progress on the mentee shall be

discussed with the Management monthly. Notes on this activity shall be made in the Mentor-Mentee **record** that the teacher maintains.

29. Teachers shall not involve themselves in activities that result in collecting money from the students – like – special notes xerox, conducting special class, etc. All such needs shall be handled via the school office.
30. Teacher shall not carry the mobile phone to the classroom. There shall not be any exception to this expectation. In case the teacher is expecting an important call, the same shall be mentioned to the office staff and the office staff shall receive the call.
31. All teachers shall communicate the school office number to their family and friends – which shall be used as an alternative to receive any important/emergency messages.

4.5 Exam protocol

1. **Exam circular** shall be sent to parents at least one month in advance and shall be clearly captured and published in classroom bulletin. It shall include the following:
 - a. **Exam syllabus** for each subject.
 - b. **Exam question paper blueprint** for each subject.
 - c. Exam date and time.
2. Initiate issuing of **hall tickets** at least ten days ahead of exam for all the students who have paid the relevant fees.
3. **Exam hall** arrangements shall be taken care of by the timetable committee.
 - a. **Furniture shall not be moved** from one class to another to conduct exams.
 - b. Seating arrangements shall be done **based on the furniture available** in the classrooms.
 - c. **The Exam Seating arrangement team** shall first conduct a survey on capacity availability in each classroom before allotting exam seats for students.
4. To **avoid conflict of interest**, a teacher shall either disclose to the Management that he/she is invigilating a hall that contains his/her own students.
5. Only those students who possess a **valid hall ticket** shall be permitted to write the exam.
6. **Question paper:** All possible efforts shall be taken to ensure the questions are not leaked to the students. Management team reserves the right to change questions before the start of the exam.
7. Exam answer sheet shall be corrected on the same date by the corresponding subject teachers and presented to the Chairman's cabin the next morning.
8. One **Answer Sheet Envelope File** shall be maintained **for each student** that has the following:
 - a. Answer sheet of all subjects of the student in Periodic Test – to be shown to the parents in the PTM.
 - b. Once the PTM is over, the answer sheets shall be quarantined, and the **Answer Sheet Envelope File** shall be used for upcoming exams or handed over to the Admin Office by the end of the year.

9. Marks shall be entered in the consolidated marksheet in the Team Drive within two days of conducting the exam to ensure the Management has a view on that.
10. Marks shall also be entered in the students **Report Card** after each relevant exam.

4.6 Communications Protocol

1. All parental communications shall be reviewed either by the Chairman or the Vice-Chairman, or anyone assigned by them for the above purpose – shall be termed as **Reviewer**.
2. A fair copy of all circulars for planned activity shall be prepared at-least 20 days in advance. This includes the following:
 - a. Preparation of a rough copy – that complies to the circular template, font selection, alignment, spelling, and over all structure. Then a rough copy shall be sent for a review.
 - b. Reviewer shall then review – including:
 - i. Application of the management context
 - ii. see how sharp the communication is
 - iii. language standard
 - iv. review cultural **sacred cows**, tone, and/or do's and don'ts in a circular.
3. All the above points are applicable for parental paper circulars.
4. WhatsApp circulars – shall be planned at-least two days in advance, i.e., a fair copy of the content shall be made available at least two days in advance.
5. WhatsApp circulars shall be reviewed by a **Reviewer**.

4.7 Parents Teacher Meeting (PTM) Protocol

1. PTM shall happen in the classroom of the student.
2. All the other students' parents shall wait outside the classroom – a paper token shall be issued by the class teacher so the parents who came first are taken care first.
3. Plastic chairs shall be arranged so parents are comfortably seated outside the classroom.
4. The discussion session shall happen in the same classroom of the student. **And only the following participants are permitted to be in the classroom** to take part in the session:
 - a. Class teacher,
 - b. Parent(s) of the student,
 - c. Student
5. At any given time, only one student's parent(s) shall discuss with the teacher during the PTM session in the classroom. Teachers have the right to seek help from the office if bullied by more than one parent.
6. The class teacher shall cover the following during the PTM:
 - a. Behaviour of the student in the classroom

- b. Strengths of the student
- c. What the student must do to get to next level of academic performance
- d. How the parent shall support the student from home
- e. Clarify any other questions the parent may have
- f. Show the student summary note of the specific student
- g. Answer sheet of recently conducted exam from the **Answer Sheet Envelope File**
- h. Ask the parent to write their summary on progress made so far by the student
- i. Let the parent to look around the classroom

5 Student Development Plan

For developing students, they are assessed by suitable methodologies.

5.1 Assessment mechanism

Assessment mechanism to identify students' needs	No. of students identified for Remedial classes
Regular tests Unit tests, Periodical tests, oral tests, quizzes, map work, lab work, peer assessment, role plays, chart making, subject puzzle solving, group discussions, visual representation of topics, Annual exam, online and offline test, etc.	55
Specialized tests <ol style="list-style-type: none"> Common aptitude tests Assessment of speaking and listening, pronunciation, etc. Common understanding proficiency assessment Class level comprehensions are given, and the students' understanding is assessed. 	250

5.2 Classroom Observation

Classroom Observation Schedules	Frequency	Conducted by	Observations
Routine observations	On a regular basis once a month	Co-ordinators of subjects	Extent of coverage of syllabus examined and whether the teachers complete the portions on time
Specific observations	Once a year	Education consultants	Conduct of the classes are monitored and if necessary, additional inputs are given to the teachers to ensure clear understanding of subjects by students

5.3 Student enrichment activities

Enrichment activities profoundly enhance the learning skills of a child as the child steps into an area of its own interest, where creativity is unleashed. Enrichment activities provide plenty of opportunities for the students to expand their scholastic pursuits. This sustains the enthusiasm of students to bring out their best in academics and other areas as well.

Creativity

Creativity of the children is stimulated every year when they are prompted to submit original works of art, poems, and stories, write up about important international and national days, etc. These are pinned on the bulletin boards. These outcomes are informative, entertaining, value based and provide a holistic protocol for the development of children. These enrichment activities are not only challenging but also develop healthy competitiveness and team spirit.

Interactions with experts

Guest lectures from experts from different disciplines like doctors, engineers, scientists, professors, business magnets, psychologists and others enhance the knowledge of the students beyond their academic subjects. These guest lectures expose children to the outside world and their interactive nature equips them to face the challenges of the dynamic environment. To highlight some, we have had lectures from Dr. Ramaiah Murugan from Vertilus Industry, USA, Dr. R. Anbarasu, Chief Electrical Engineer, General Electric, United Kingdom, Professor P. Ramachandran, Former Professor, School of Physics, Madurai Kamaraj University, Mr. Ian Stuart, Retired Teacher from Australia delivered lectures/motivated children.

Participation in intra-/inter-school competitions

Our school also encourages children to participate in various activities such as art and crafts, oratorical competitions, fancy dress competition, recitations, telling rhymes, quizzes etc held in our school and other institutions outside the school.

Yoga and meditation

Yoga practices are ideal to achieve integration and harmony of body, mind and soul resulting in a holistic development of the person. They render functioning of the brain very efficient; sharpen memory and concentration, increase grasping power and ability to recall facts and figures. For instance, asanas are used for the body, pranayama for the mind and Yoganidra meditation for the spirit. This enables the children to function better.

Dance

Dancing can be a way to stay fit for people of all ages, shapes, and sizes. Among extra-curricular activities, dancing is children's favourite activity which offers a wide range of physical and mental benefits including:

- improved health of heart and lungs
- increased muscular strength, endurance, and motor fitness
- increased aerobic fitness
- weight management
- stronger bones and reduced risk of osteoporosis
- better coordination, agility, and flexibility
- improved balance and spatial awareness
- increased physical confidence

- improved mental functioning
- improved general and psychological well being
- greater self-confidence and self-esteem
- better social skills.

Karate

Children who undergo karate get many benefits such as Improved physical fitness, superior mind-body coordination, increased focus, self-discipline, and enhanced confidence are some of the benefits. As they are confident that they would manage any unexpected threats, they display cool behaviour.

Archery

Children who learn archery improve cardiovascular health, muscle strengthening, stress relief, hand-eye coordination, enhanced focus, control, determination, tones up mental and physical health etc.

Sports activities

The sport activities, viz. Volleyball, football shuttlecock, athletics and kabaddi for both boys and girls, throw ball and kho kho for girls enable children build their endurance and skills required for the game, besides encouraging team spirit, and toning up health.

Club activities

5.4 External Examinations

5.4.1 National talent Search Examination (NTSE)

National talent Search Examination is conducted at both State and National Levels for Class X students in two parts, General Mental Ability Tests (GMAT) and Scholastic Ability Tests (SAT). Candidates who have qualified at the State level receive a scholarship for a period of two years from Karnataka State Students Welfare Fund. Students who qualify at the National Level receive a regular scholarship throughout their education and as a value addition; we motivate children to write the NTSE.

5.4.2 Assessment of Scholastic Skills through Educational Testing (ASSET)

ASSET is conducted by Educational Initiatives across schools in the country. ASSET is a diagnostic test which helps students improve their academic performance. ASSET measures and gives detailed feedback on the performance, skill-wise feedback highlighting strengths and weaknesses. In the current year, students will be encouraged to write this examination.

5.4.3 Olympiad

National and International Olympiad examinations in different subjects are conducted and performance analysis reports, certificates and scholarships/cash prizes are given to students. The following examinations are conducted in the school for Classes IV to XII

- a. National Cyber Olympiad
- b. National Science Olympiad
- c. International Mathematics Olympiad
- d. International English Olympiad

The Energy and Resources Institute (TERI) conducts a 'GREEN Olympiad' project in India and abroad for students of classes VIII to X since 1999 which addresses the need for networking among the schools.

This exam is conducted by 'Educating Youth for Sustainable Development Division' of TERI. Participation in the 'GREEN Olympiad' is an excellent opportunity for students to put to test their Environmental Quotient.

Silver Zone Foundation is an International platform that is associated with over 3000 schools. In the current academic year, it is intended to motivate children to write these examinations.

5.5 Children with Special Needs (CWSN)

The children with special needs face challenges in learning as they may find it difficult to focus on the classroom interaction or they may have a slow pace of learning. Besides, it may be necessary to improve their social and emotional skills.

These problems may in general be overcome by allowing parents to provide an aid to sit along with the child to encourage and motivate the child to move along with the class.

Further, for each child with special needs, they must be individually evaluated by a special educator and based on the needs, specific goals must be set, and inclusive education should be adopted.

In our school, children who have a slow pace of learning, remedial classes with one-to-one teachers are conducted in a step-by-step approach. For such children, tests are conducted using appropriate question papers to suit their level.

5.6 House System

The student body is divided into four houses. Each student from class I is allotted a particular house at the time of admission and he/she continues to be in the same house till he/she is in the school.

5.6.1 Cheran (Green)

The green colour represents growth and harmony and is the colour of the environment. It promotes an eco-friendly attitude and protection of the environment and conservation of natural resources. It is linked to the natural elements of the environment and are natural winners.

5.6.2 Cholan (Yellow)

This house points to wisdom which teaches students to be wise and kind to every being on the earth and to treat everyone equally. The students of this house are usually considered as impeccable, par excellent and dependable.

5.6.3 Pandian (Blue)

The blue colour signifies absolute freedom from the shackles of rigidity and over all development. The focus of the house is Management of School Functions, to strengthen the teams for all the games and monitor the discipline and liaison.

5.6.4 Pallavan (Red)

The red house depicts victory and the concept of Universal Consciousness and Universal Brotherhood. The values here are that students should have a competitive spirit, try, and complete all the tasks successfully and excel academics and enhance communication skills.

The house system plays a vital role in the field of co-curricular activities. It helps the students to learn a great deal of self-discipline, leadership, loyalty, team work, competitive spirit, and belongingness to the institution. The students are involved in the smooth running of the school; each house is put on duty for a fortnight. The house on duty must carry out the duties such as conducting the Morning Assembly, giving talk in the Assembly, flag hoisting, giving “Thought for the Day” and the “News” in the Assembly, writing “Thought for the Day” on the Board, duty at the school gate before the morning assembly, checking up the late comers and students not wearing proper school uniform etc.

5.7 Student Council Election

In the month of July students from class VI onwards elect their Head Boy/Girl in a democratic set up by electronic voting system. The Student Council helps the school administration in taking decisions to run the school efficiently. Junior students Council is elected from Classes IV and V in which students of class V select vote for Junior Head Boy and Junior Head Girl.

5.8 Assembly

The sanctity and solemnity of the assembly is maintained and preserved. The protocol for the students is to walk in a line accompanied by the class teacher to the assembly. The posture must be upright. Prayers/ Songs should be sung in unison. We apply and adopt the assembly protocol as mentioned in one of the sections in this document.

Students are encouraged to be well groomed and guided in public speaking during the assembly sessions.

The salient features of the assembly are as follows:

- a. Prayer
- b. Super Brain Yoga
- c. Thought for the month and views on theme of the month
- d. News reading
- e. Recitation
- f. Talk Shows/ discussions on current affairs
- g. Celebration of festivals
- h. Meditation/Yoga /Exercise
- i. Sharing of views/experience
- j. Distribution of Certificate /awards/prizes
- k. Talk by the class teacher on the theme of the month
- l. Birthday Celebration
- m. Address by the school Principal
- n. National Anthem

Assembly themes

TOPIC FOR THE ASSEMBLY		
MONTH	WEEK	THEME
JUNE	I	Our School
	II	Cleanliness and avoiding infection
	III	Self-Discipline
	IV	Health Is Wealth
JULY	I	Honesty
	II	Perseverance
	III	Humility
	IV	Unity is strength
AUGUST	I	Respecting elders
	II	Benefits of reading
	III	Super Brain Yoga
	IV	Empathy
SEPTEMBER	I	Time management
	II	Good manners and etiquettes
	III	Concern for others
	IV	Preventing extravagance
NOVEMBER	I	The habit of saving

	II	Deepavali Festival
	III	Yoga and breathing asanas and their benefits
	IV	Amla fruit and Moringa and their health benefits
DECEMBER	I	Benefits of Language Proficiency
	II	Be a leader
	III	Freedom and Liberty
	IV	Discoveries and Inventions
JANUARY	I	Benefits and perils of internet
	II	Pongal festival
	III	Walking the untrodden pathway
	IV	Benefits of early rising
FEBRUARY	I	Great scientists
	II	Selflessness
	III	Determination
	IV	Vitamin D3 and exposure to sun
MARCH	I	Benefits of eating raw vegetables
	II	Mental wellness
	III	Do differently
	IV	Nutrition and Health

5.9 Excursions

Both students and teachers have a great time on our school group tours. It is a fun-filled memorable experience for them, as they provide excellent opportunities for students to expand their own individual knowledge crucial to higher level learning and problem solving skills. There are several benefits in taking students on a school trip:

- School trips provide an effective way to improve soft-skills like communication, problem solving and critical thinking.
- These trips provide an effective and powerful way of preparing students for real life situations through experiential learning, augmenting the knowledge gathered in classroom teaching. Hence these trips reinforce classroom material.
- The experience students gain on the culture, language of the people at different places, their way of living, the problems they encounter etc expand the views of the children which may stimulate them to think of new ideas and distil out novel solutions, which is not possible in normal classroom teaching.

iv. Going to important historical landmarks and great museums provides students the opportunity to visualise, experience and discuss the topics they study in order to gain greater understanding. Not only will students recall the experience long after the trip, they may start to develop historical empathy, contextualising historical actions and understanding people of the past. This gives them a deeper understanding of people, places and situations which in turn can teach students critical thinking in their own life.

v. Students develop a strong support with the teachers as they are in contact with the teachers throughout. This personal rapport with their teachers enables them to remain motivated and connected to what they are taught.

Field trips and excursions are organised for classes I to X. Primary school children are generally taken to nearby places. Students of the primary are taken to amusement parks or Nature trips. Students of secondary classes are taken out on field trips to temples, dams, zoos etc that are enjoyable and informative.

Outward Bound is about taking on challenges, meeting the unknown but more importantly it is about learning, learning about yourself and most of all about one's potential. Children engage in hiking, camping, skiing, mountaineering, wildlife trips, rope courses, aqua sports, caving, jungle craft, cycling and Himalayan safaris.

Outward bound activities are optional for children to participate. These activities are arranged during weekends and school holidays for the children to participate. Activities are designed for children from Class I to X.

5.10 Eco Hub

Data on the rich biodiversity of the school campus and studies related to the data is made available to interested students across classes through the Eco Hub.

Creating awareness about our natural resources, socially responsible conservation action and to supplement classroom learning is the purpose of the Eco Hub. Inspired by the student, teacher and support staff community, Eco Hub, involves in continuous data collection, off field & on field, experiential learning activities and interaction with like-minded people.

5 Celebrations

5.1 Exhibition

Students learn best by doing what they have learnt. Investigatory projects, scientific recording of observations, interactive science projects are some of the activities displayed during the science exhibition.

5.2 Literary Festivals

In the beginning of every academic year, all the students are encouraged to actively participate in the “Literary Festivals” wherein events and competitions viz. writing, debating, visual arts and fine arts are held. This caters to all skills and interests that children possess. Based on the performances and preferences, students are encouraged to participate in similar events offered during inter school fests.

5.3 School Day Celebrations

School day celebration comprises activities based on diverse themes, talents, planning, and execution of events, performing on stage in front of a huge audience are just some of the highlights. During the preparation period for the annual day celebration itself both teachers and students are very much excited. Identifying talents in students and giving appropriate opportunities to perform on stage is a challenging task. Teachers work tirelessly with the students and ensure enthusiastic participation in this gala celebration. Teachers work in teams in such a way that many of the events during the celebration are well-knit to represent one theme, manifested in diverse ways. The entire year achievements are showcased during the school day celebration and it attracts many new parents to witness the events.

5.4 Graduation Ceremony

The graduation ceremony refers to receiving a formal degree upon conclusion of the academic career. In general, graduation ceremony is celebrated for UKG and grade X students complete their examination as they are going to step into higher class of next level, on these occasions, the students are donned in special dresses and they are excited to receive the graduation certificate in the presence of parents and teachers. Graduation ceremony is a significant milestone in the students’ academic journey.

Installation Ceremony

School Prefects, Head boy, Head girl, Captains and Vice captains of the four different houses are elected by students through online voting. The students are formally introduced to the school during the installation ceremony. Pinning of badges, followed by taking oaths make the leaders aware of the responsibility they have taken up for tenure of one year. During this ceremony, the members of the SEEK (Students Editorial Entity of Heritage Vidhyalaya) are also introduced by the teachers. Leaders and SEEK members wear their special badges throughout the academic year.

6 Teacher development plans

6.1 Teacher Needs Assessment (TNA)

6.1.2 TNA Activity

TNA activity	Methodology	Outcome
Through specific questionnaires filled up by teachers	SWOT analysis	Analysis of difficulties/problems that may scuttle the development and performance of a teacher.
Through brainstorming sessions	A teacher may be asked to teach a particular concept, while other teachers can listen to their teaching. Critical analysis of the teaching by the other teachers can unravel the difficulties/shortcomings in their assignment.	Identification of problems faced by a teacher in their teaching assignments and working towards their improvement by appropriate training.
Identification of professional skills of the teachers Teachers who need enhancement of some skills are selected for improving the skills	Identification of the desirable professional skills of teachers, recognizing: (i) the current strengths and abilities of individual teachers and (ii) the skills that the teachers are lacking. An appropriate training program by experts in this field will help to achieve the goal.	Improved performance by the teachers. Appropriate teacher development programs would elevate the teachers to a level of skills and knowledge.

6.1.3 Teacher Training

Training topics	Intended outcome and benefits of the training
Development of soft skills of teachers.	<ul style="list-style-type: none"> a. Enhancement of teachers' personality, attitude, motivation, communication skills, use of ICT classroom protocols, handling google classrooms for effective online teaching and assessment b. Enhancement of computer proficiency, c. Effective use of google drives for deposition and retrieval of data, documents, etc d. Use of PowerPoint and videos for giving proper perspective of concepts involving the function of three-dimensional objects, organs etc.
Effective lesson planning.	<ul style="list-style-type: none"> a. Time spent on lesson planning with utmost sincerity will surely be reflected in the quality of delivery of the subject. b. Integration of art in teaching of all subjects while teaching would make it easy to understand and remember. c. Throwing some challenging higher order thinking questions interspersed during teaching to make the students think and get clarity of concepts. d. Association of the concepts taught with real life time practical situations would enable better assimilation of the subject. e. Giving project work while a topic is taught or at the end of teaching a topic instead of postponing to the end of term only for assessment purposes will enable the children to master the subject then and there.
Gender sensitivity	<ul style="list-style-type: none"> a. Gender sensitivity is the awareness one has on gender disparities and gender issues. It brings to light the gender discrimination in society. b. Once teachers become gender sensitive, in collaboration with parents, the gender issues at homes can be minimized. In this way, we can promote girl education, avoid discrimination between sons and daughters, etc. c. Reflecting and reforming practices/actions/ language while dealing with children that reflect gender bias will facilitate a better situation for girl children.
Discipline	"Discipline is the bridge between goals and accomplishment".

	<p>Discipline plays an essential role in keeping up a healthy social life. A disciplined life helps to eliminate hindrances for growth and other confusions that stand in the way of success. Since schools play an important part in character development and shaping behaviour, discipline in school is accorded great importance.</p> <p>Consequently, teachers need to be aware of the code of conduct of students and teachers themselves, and about the need to follow uniform consistent procedures in the classrooms to enable students to know what is expected of them. Teachers also should show discipline protocols and code of conduct and should become role models for students. Hence orientation classes need to be conducted for teachers to ensure disciplined behaviour of students which will go a long way for the students to excel in overall performance both in school and later in life.</p>
Stress and conflict management	<p>a. Knowledge of stress management is a crucial skill to master for teachers. This will enable them to identify the sources of stress, how to say 'no' assertively in situations wherein one cannot positively respond, how to prevent and cope up with stressful situations and help students to deal with stress. By a practical approach, teachers can be taught concrete methods to deal effectively with stress at school.</p>
Differential instructions	<p>a. Students of different culture, socioeconomic status, language, gender, motivation, ability/disability, learning styles, personal interests etc. will have different learning needs. To reach all students effectively, teachers need to adopt diverse teaching techniques to suit different students, that is personalized instruction.</p> <p>b. Teachers need to be given good exposure on the multitude of teaching protocols so that no student is missed in grasping any new concept/topic that is taught.</p>
Professional Development programs	<p>a. Professional development programs provide a lot of learning opportunities for teachers that clarify, reinforce and expand their knowledge of the major ideas and concepts of the subjects they teach, make them familiar with a range of instructional strategies and the skills to implement those strategies in classrooms.</p>
Observational assessment model	<p>a. One of the protocols to assess students for instance, in a teamwork, is by using well designed and well-planned observation as a tool. Because it is observation, some people may a bit slack about planning and record keeping of their observations on the students' work.</p>

	<p>b. Teachers need to be given exposure on: what are the observable things to look for and how to record the observations, how to do the assessment, and how to make the final assessment decision etc.</p>
Importance of theatre and drama in teaching	<p>a. By giving exposure to the use of theatre and drama in teaching, teachers could function as conceptual artists who can effectively transfer knowledge, feelings, thoughts, sensations and experience into an active and activating educational process of students.</p> <p>b. Teachers will be able to provide a better understanding of the concepts by integrating use of drama in teaching their lessons.</p> <p>c. This protocol will also capture the attention of the students better, leading to better understanding of the subjects.</p>
Training of teachers in Artificial Intelligence (AI) as one of the subjects of study. This topic falls into the category of skill acquisition.	<p>a. Artificial intelligence is an emerging/ amazing tool to solve complex universe problems in diverse fields such as education, healthcare, games, finance, data security, social media, travel and transport, automotive industry, robotics, entertainment etc.</p> <p>b. Consequently, CBSE has introduced AI as one of the subjects of study, for which teachers have to be given good exposure for the benefit of students.</p>
Learning disabilities and ways to overcome	<p>a. Exposure to dyslexia and attention deficit hyperactivity disorder (ADHD) to teachers will enable the teachers to understand the children better and deal with them empathetically. There are certain exercises to improve the focus in ADHD children. Teachers' understanding of types of memory – volatile, temporary, permanent could help them in enabling students to improve their memory.</p>

6.2 Stakeholder Management

6.2.2 Engaging stakeholders

Stakeholders	Communication methods	Involvement particulars
Parents	<ul style="list-style-type: none"> · SMS/E-Mail · Calling · Circulars · Social Media 	<ul style="list-style-type: none"> · Parent's Orientation Programs · Parent's Meeting · Parent - Teacher Meetings · Activities
Teaching Staff	<ul style="list-style-type: none"> · SMS /E-Mail · Calling · Print Media · Social Media · Meetings 	<ul style="list-style-type: none"> · Personal Meetings · Teacher orientation programmes
Other Staff	<ul style="list-style-type: none"> · SMS/E-Mail · Calling · Meetings · Circulars 	<ul style="list-style-type: none"> · Assigning new work/review of work · Activities
School Managing Committee	<ul style="list-style-type: none"> · Meetings & Circulars · E-Mail 	<ul style="list-style-type: none"> · Periodical meetings with staff · Guidance and review of work done
Board	<ul style="list-style-type: none"> · Regular CBSE Circulars 	<ul style="list-style-type: none"> · Application of Rules and Regulations Updated in CBSEWebsite
Media	<ul style="list-style-type: none"> · News Papers · Social Media 	<ul style="list-style-type: none"> · Achievements and Activities published in newspapers and updated on school's Facebook page

7 Academic Execution Plan

Class wise and subject wise execution plan on month-by-month basis is captured at a high level here.

7.1 Grade-1 Execution

Following are the books and notebooks for one academic year.

S#	Book Name / Notebook Specification	Type	Term
1	Tamil (I-STD)	Textbook	Yearly
2	Flowers Term - I (I-STD)	Textbook	Term I
3	Work book (I-STD)	Workbook	Term I
4	Flowers Term - II (I-STD)	Textbook	Term II
5	Workbook saral hindi (I-STD)	Workbook	Yearly

7.1.2 Grade-1 Tamil Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	தமிழ் (தமிழ்நாடு பாடநூல் கழகம்)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	(அடிப்படை இலக்கணம்)	செயல்பாடு: உயிர் எழுத்துக்களின் பெயர்களைத் தொடங்கும் படங்களைச் சேகரித்து அவற்றை ஒரு தாளில் ஒட்டி வகுப்பில் அவற்றை விளக்கி கூறவேண்டும்.	உயிர் எழுத்துக்களை தெரிந்து கொள்ளுதல்
May	கோடைக்கால விடுமுறை (வீட்டுப்பாடம்: உயிர் எழுத்துகளின் வடிவில் ஓவியம் வரைந்து வரவும்.)	-	-
June	1. பாடி ஆடி விளையாடலாம்	செயல்திட்டம்: தனக்குப் பிடித்த விளையாட்டுகள் படங்களைச் சேகரித்து ஒரு தாளில் ஒட்டி அவற்றின்பெயர்களை எழுதவும்.	சிந்தனை ஆற்றல் வளர்தல். தன்னைச் சுற்றி உள்ளவற்றின் திறன் அறிதல். விரல்களை எழுதுவதற்கு பழக்குதல்.

	2. விரலோடு விளையாடு	மேலும் செயல்முறையையும் அறிந்து கொள்ளவும்.	
July	3. அணிலும் ஆலமரமும் 4. மகிழ்வோடு கற்போம்	செயல்திட்டம்: 1. உயிர், மெய் எழுத்துக்களை கொண்டு தொடங்கும் சொற்களை சேகரித்து எழுத்திற்குரிய கோட்டோவியங்களை வரையும். 2. உயிர், மெய்யெழுத்துக்களின் வகைகளைப் பிரித்து காட்டி ஒரு தாளில் எடுத்துக்காட்டுடன் அட்டவணைப் படுத்தவும். செயல்பாடு: உயிர் எழுத்தில் துவங்கும் பாடலை பாடவும்.	உயிரெழுத்துக்கள், மெய்யெழுத்துக்கள் ஆகியவற்றை அறிந்து கொள்ளுதல். எழுத்துக்களை எழுதி பழகுதல்.
August	5. கடற்கரைக்குச் செல்வோமா! 6. விமானத்தில் பறக்கலாம்.	செயல்திட்டம்: ஒரு வரைபடத்தானை சிறிது சிறிதாக வெட்டி அதில் க, கா, கி, கீ - என்ற வரிசையில் எழுத்துகளை தனித்தனியாக எழுதிக் கொள்ளவும். வகுப்பில் ஒவ்வொரு எழுத்தாக கூறும்போது அதற்கு உரிய ஏதேனும் ஒரு பெயரை கூற வேண்டும். அதற்கு ஏற்ப எழுத்துகளுக்குரிய சொற்களையும் தெரிந்து கொள்ளவும்.	1. உயிர்மெய்யெழுத்துக்களில் க, கா வரிசைகளையும் மற்றும் அதைச்சார்ந்த சொற்களை அறிதல் 2. கி, கீ வரிசைகளை தெரிந்து கொள்ளுதல்.
September	7. பழமும் படகும் 8. எண்ணுப்பெயர் அறிவோம்	செயல்திட்டம்: கு, கூ - வரிசைகளில் துவங்கும் சொற்களை சேகரித்து வரிசைப்படுத்தவும். 1 முதல் 10 வரை எண்களின் பெயர்களை எழுதி ஒவ்வொரு எண்ணிற்கும் அதன் எண்ணிக்கைக்கு உரிய ஏதேனும் ஒரு படத்தை ஒரு வரைபடத்தாளில் வரையவும்.	1. சொற்களை எழுதி பழகுதல். 2. எண்களின் பெயர்களை எழுதிப் பழகுதல்.
October	9. அறுசுவை அறிவோம். வந்தபாதை, என் நினைவில் 10. இனிப்பு செய்யலாமா?	செயல்திட்டம்: அறுசுவைக்கான பொருட்களை சேகரித்து அவற்றை ஒரு தாளில் அழகாக ஒட்டி அவற்றின் சுவை மற்றும் பெயரை எழுதவும்.	1. சுவைகளை அறிதல் 2. எழுத்துக்கூட்டி படித்துப் பழகுதல்.
November	11. திசைகள் அறிவோம் 12. ஊஞ்சல் ஆடலாமா!	செயல்திட்டம்: திசைகளை குறிக்கும் அட்டவணைப் படத்தை வரைந்து திசைகாட்டியை தயார் செய்தல். இவற்றை வீட்டில் இருக்கும் பொருட்களை கொண்டு தயார் செய்ய வேண்டும். மாணவர்கள் வீட்டில் இருந்து பள்ளிக்கோ, கடைக்கோ அல்லது கோவிலுக்கோ செல்வது எத்திசை என விவரித்து படம் வரையவும்.	1. திசைகளை அறிதல் 2. பிறருக்கு உதவுதல்

December	13. என்ன வண்ணம் வேண்டும்? 14. தமிழ் மாதங்கள்	செயல்பாடு: தமிழ் மாதங்கள் மற்றும் கிழமைகள் ஆகியவற்றின் சிறப்புக்கள் எவை எவை என வகுப்பில் விவாதித்தல்.	1. வண்ணங்களையும் அவற்றின் பெயர்களையும் அறிதல். 2. தமிழ் மாதங்களைத் தெரிந்து கொள்ளுதல்
January	15. இனியாவின் ஒரு வாரம் 16. தோரணம் செய்வோமா! 17. பழம் பறிக்கலாமா	செயல்திட்டம் : கொ, கோ - வரிசையில் வரும் சொற்களைச் சேகரித்து அவற்றைப் பற்றி அகரவரிசையில் அட்டவணைப் படுத்தவும்.	1. கிழமைகளை அறிதல். 2. கைவினைப் பொருட்கள் செய்ய ஆவல் கொளல். 3. கண்ணில் காணும் பொருட்களை எவ்விதம் கையாளுவது என எண்ணுதல்.
February	18. வடிவங்கள் 19. பயணம் போகலாம்...	செயல்திட்டம்: பலவகை வடிவில் இருக்கும் திண்பண்டங்களைச் சேகரித்து ஆற்றின் வடிவத்தின் பெயரை எழுதி வைக்கவும்.	1. வடிவங்களை அறிதல். 2. ஒவ்வொரு வாகனமும் எவ்வாறு பயன்படுகிறது என்பதை அறிதல்..
March	20. இளையார் ஆத்திச்சூடி	செயல்பாடு: இளையார் ஆத்திச்சூடி வரிக்கு ஏற்ப பூச்செடி ஒன்றை நட்டு வளர்க்க வேண்டும்.	நல்லப் பழக்கங்களை அறிந்து கொள்ளுதல்

7.1.3 Grade-1 English Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers: Ratna Sagar		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term 1: Lesson 1: The Mango Tree Poem: The Little Rabbit	Activity -1 : Draw a mango tree and label the parts, Write the benefits of mango tree. Activity -2 : Recite the poem lines with correct pronunciation and upload a video.	Students will be able to - know the benefits of mango trees. - explain about the parts of the mango tree.
May	Summer Holidays	Summer Holidays	Summer Holidays
June	Lesson 2: Hoppity Hop! Splash, Splash! Grammar : Sentences	Activity -3 : Say few lines about the story and upload a video Assignment: Write 10 complete sentences.	- understand that everyone has special qualities. - learn the structure of the Sentence.
July	Lesson 3: Happy Birthday Grammar: Nouns	Activity -4 : Make a Birthday Card and upload a photo of	- understand how to make a Birthday Card. - What are Nouns?

	Grammar: Structure practice am/is/are	it. Assignment : Draw a table and write the names of five nouns of each type given in brackets (person, place, animal, things) in a chart.	- the usage of am/is/are.
August	Poem: On the bus Grammar: Usage of This and That	Activity -5 : Say the poem lines with correct pronunciation and upload a video Assignment : Write 10 sentences using This and That.	- know the movements of the bus and sound produced by the parts of the bus. - understand the usage of This and That.
September	Lesson 4: Bobby and Robby Grammar: Usage of has/ have Poem: My garden	Assignment : Draw a birthday card, balloons, chocolates, birthday cap and colour them. Activity -6 : Describe how you celebrated your birthday	- learn to develop colouring skills and speaking skills.
October	Term 2: Lesson 1: Arun and Tara Poem: Mice and Nice	Activity -7 : Say a few lines about the things you like about your school and upload a video.	- develop speaking skills
November	Lesson 2: What does the prince want?	Activity -8: Draw and colour a moon on a chart and write a few points about what the prince wants.	- develop speaking skills
December	Lesson 3: Clever Fred	Activity -9 : Draw the picture of Pond, Tony and clever Fred and colour them	- learn colouring
January	Lesson 4: Free and Hoppy	Activity -10 : Do a role play on being your favourite bird	- develop speaking skill
February	Poem: A little bird's song	Activity -11 : Recite the poem lines with correct pronunciation and upload a video.	- develop reading skills.
March	Lesson 5: Dear Animal Day Grammar: Prepositions	Activity -12 : Collect the pictures of different animals and paste on a chart paper and write their names. Activity -13 : Listen to the maple leaf learning video on	- know about the animals. - understand the usage of prepositions.

		prepositions: Title where's the monkey?.	
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7.1.4 Grade-1 Maths Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers (Ratna Sagar)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Numbers from 1 to 100	Activity 1: Write the numbers from 1 to 100 in an A4 sheet. Learn to identify the numbers in random and read them	Students will be able to identify and write the numbers from 1 to 100.
May	Summer Holidays	Summer Holidays	Summer Holidays
June	Term- 1 1. Numbers up to 20 2. Numbers before, after and between. 3. Arranging numbers in ascending and descending order	Activity 2: Form the numbers from 1 to 20 using sticks in a chart.	know the meanings of less than, greater than and between, ascending and descending order
July	2. Addition up to 10 using number line	Activity 3: Draw the picture for the following additional sentences. 1. 4 Apples + 3 Apples 2. 2 Lollipops + 6 Lollipops	know addition of number line Adding zero and one Vertical Addition
August	3. Subtraction using numbers upto 10 using number line Adding Zero and one Vertical Addition	Activity 4: Write the examples for properties of subtraction.	know subtraction using number line
September	4. Cardinal and ordinal Numbers up to 100	Activity 5: Draw any five pictures and write their cardinal and ordinal numbers	know about cardinal and ordinal numbers
October	Term- 2 1. Addition and subtraction involving numbers upto 100	Activity 6: Worksheet on addition and subtraction of numbers upto 100	understand adding and subtracting 1- digit numbers Adding and subtracting 2- digit number with 1- digit number Adding and subtracting two 2-digit number
November	2. Multiplication and	Activity 7:	understand the concept of

	multiplication tables	Draw the pictures for the Multiplication table 2	repeated addition multiplication on the number line.
December	3. Time, days of the week, months of the year and counting money	Activity 8: Draw clocks with the arims in the appropriate positions for the following timings. 1. 6 O Clock 2. 01:00	learn to ead time, days of the week, months of the year and counting money
January	4. Measurements of length, weight and volume.	Activity 9: Make a chart to label or draw any 5 things and write their units you measure.	learn to measure length, weight and volume of things.
February	5. Shapes and patterns	Activity 10: Draw and colour the following shapes. Circle, square, rectangle, triangle and star	know the different shapes and patterns.
March	6. Data Handling	Activity 11: Make one pictograph by your own.	know the concept of data handling.

7.1.5 Grade-1 EVS Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers: Ratna Sagar		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term 1: Lesson 1: My Body, learning about parts	Assignment: Write the names of body parts. Activity 1: Draw the body in a chart and point out the body parts.	learn the names of body parts and identify them.
May	Summer Holidays	Summer Holidays	Summer Holidays
June	Lesson 2: The Food we eat Lesson 3: The Clothes we wear	Assignment: Write the names of food which you like the most. Activity 2 : Draw the clothes in the chart which you like the most.	- know about the food items. - know the types of clothes.
July	Lesson 4: On methods to keep clean, fit and healthy	Activity 3: Prepare a chart on clean, fit and healthy practices (collect some pictures and paste them).	- know how to keep clean, fit and healthy.
August	Lesson 5: I Love My Family Lesson 6: Home Sweet Home	Assignment: Write about you, your and one thing you like about each of your family	- know about the home and family members

		members. Activity 4: Make a chart on Home sweet home (write your name, phone number and address Refer book page number 145).	
September	Lesson 7: My School Lesson 8: Let's Celebrate	Activity -5 : Say a few lines about (i) your school and upload a video and (ii) a celebration that you liked the most.	- develop writing skills and know about their school and celebration.
October	Term 2 : Lesson 1: My Neighborhood Lesson 2: People at Work	Activity -6 : Collect and paste some pictures of some of your neighbours and your neighborhood places in a chart and write their names. Activity -7 : Paste pictures of different types of workers in action on a chart paper.	- know about the neighbours and neighborhood places and different types of workers.
November	Lesson 3: The world of animals Lesson 4: The world of Plants	Activity 8: Write the name of some wild and domestic animals and farm animals with their pictures. Activity 9: Draw a plant on a chart and label its parts	- know the animals of different types. - know the different types of plants and their body parts.
December	Lesson 5: We need Air	Assignment: Write about air and water and their uses. Say in a few lines what would happen if we do not have air and water.	Students will - know the usage of air and water.
January	Lesson 6: We need water	Activity 10: Say a few points about the usage of water and upload a video. Tell in 5 sentences on the topic - "we should minimize the utilization of water."	- know about speaking a few sentences on the usage of water and consuming it to eh minimum
February	Lesson 7: How is the weather? See the youtube on weather by maple leaf learning.	Activity -11 : Collect the pictures showing different types of weather viz, hot, cold, rainy, windy and snowy, and paste them on a chart and write their names.	- know about the weather, its different kinds and howtheyt affects our daily life.
March	Lesson 8: Up in the Sky	Assignment: Write few things what you can	- know about the sky.

	see in the sky	
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7.1.6 Grade-1 Hindi Syllabus coverage, project/activity plan and learning outcomes.

Text Book 1 Name	सरल - हिंदी		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	स्वर (कैसे लिखें)	गतिविधि -1: लाठी का उपयोग करके स्वरों पर एक चार्ट बनाएं।	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे 1. स्वर अक्षरों को लिखने के लिए
May	गर्मी की छुट्टियाँ	गर्मी की छुट्टियाँ	गर्मी की छुट्टियाँ
June	हिंदी वर्णमाला (परिचय और लेखन अभ्यास) नंबर 1 से 20	गतिविधि -2: चार्ट पर स्वर वृक्ष बनाएं। गतिविधि -3 : नंबरों का वीडियो अपलोड करें।	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे -स्वर अक्षर लिखने के लिए -सर्वनाम की पहचान करने के लिए -अंग्रेज़ी से हिंदी में संख्याओं को पहचानने और उनमें अंतर करने के लिए
July	स्वर शब्द (अ से अ :) फल और सब्जियाँ	गतिविधि -4: फलों और सब्जियों पर एक चार्ट बनाएं गतिविधि -5: का वीडियो अपलोड करो स्वर शब्द, फल और सब्जियाँ	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे -उच्चारण और उसकी ध्वनियाँ। - स्वरों के शब्दों का उच्चारण चित्रों के साथ करना। -फलों के नाम और सब्जियों के नाम अंग्रेज़ी से हिंदी में पहचानने और उनमें अंतर करने के लिए
August	व्यंजन शब्द(क से ड) (च से ञ) तुकबंदी - तितली	गतिविधि -6 : व्यंजन शब्दों पर एक चार्ट बनाएं गतिविधि -7: स्वर शब्दों और तुकबंदी का वीडियो अपलोड करें	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - व्यंजन और उसकी ध्वनियों का उच्चारण करना। - चित्रों के साथ व्यंजन शब्दों का उच्चारण करना। -क्रिया के साथ तुकबंदी का विश्लेषण करने के लिए
September	व्यंजन शब्द(ट से ण) (त से न) जानवर	गतिविधि -8: व्यंजन और जानवरों पर एक चार्ट बनाएं गतिविधि -9: व्यंजन और जानवरों का वीडियो अपलोड करें	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - व्यंजन और उसकी ध्वनियों का उच्चारण करना। - चित्रों के साथ व्यंजन शब्दों का उच्चारण करना। -जानवरों के नाम अंग्रेज़ी से हिंदी में पहचानने और उनमें अंतर करने के लिए

October	स्वरों का चिन्ह रंग	गतिविधि-10: झा करें और रंग दें स्वरों के चिन्ह पर चित्र और चार्ट बनाएं गतिविधि-11: रंगों का वीडियो अपलोड करें	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - स्वरों के चिन्हों और चिन्हों को जानना। - रंगों को पहचानने और उनमें अंतर करने के लिए अंग्रेजी से हिंदी का नाम लें
November	व्यंजन शब्द (प से म) पक्षियों	गतिविधि-12: व्यंजन और पक्षियों का वीडियो अपलोड करें गतिविधि -13: व्यंजन और पक्षियों पर एक चार्ट बनाएं	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - व्यंजन और उसकी ध्वनियों का उच्चारण करना। - चित्रों के साथ व्यंजन शब्दों का उच्चारण करना। - पक्षियों का नाम अंग्रेजी से हिंदी में पहचानने और उनमें अंतर करने के लिए
December	व्यंजन शब्द (य से श्र) फूल	गतिविधि-14: व्यंजन और फूलों का वीडियो अपलोड करें	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - व्यंजन और उसकी ध्वनियों का उच्चारण करना। - चित्रों के साथ व्यंजन शब्दों का उच्चारण करना। - फूलों के नाम अंग्रेजी से हिंदी में पहचानने और उनमें अंतर करने के लिए
January	व्यंजन स्वरों के साथ संयुक्त।	गतिविधि -15: पर एक चार्ट बनाएं स्वरों के साथ संयुक्त व्यंजन	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - स्वरों के चिन्हों और चिन्हों को जानना। - व्यंजन शब्दों का उच्चारण करना और स्वरों के साथ संयुक्त। (बरहखाड़ी)
February	सप्ताह के दिन महीनों के नाम	गतिविधि -16: दिनों पर एक चार्ट बनाएं वर्ष के सप्ताह और महीनों का गतिविधि -17: वीडियो अपलोड करें सप्ताह के दिनों और वर्ष के महीनों के	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे -सप्ताह के दिनों की पहचान करना और उनमें अंतर करना और वर्ष के महीने अंग्रेजी से हिंदी - दिनों और महीनों की अवधारणाओं के बारे में आसानी से जानने के लिए
March	कविता	गतिविधि -18: क्रिया के साथ तुकबंदी का वीडियो अपलोड करें	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - स्वर और व्यंजन ध्वनियों का उच्चारण करना। - क्रिया के साथ तुकबंदी का विश्लेषण करना।

7.2 Grade-2 Execution

Following are the books and notebooks for one academic year.

S#	Book Name / Notebook Specification	Type	Term
1	Tamil (II-STD)	Textbook	Yearly
2	Flowers Term - I (II-STD)	Textbook	Term I
3	Work book (II-STD)	Workbook	Term I
4	Flowers Term - II (II-STD)	Textbook	Term II
5	Workbook saral hindi (II-STD)	Workbook	Yearly

7.2.2 Grade-2 Tamil Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name		தமிழ் (தமிழ்நாடு பாடநூல் கழகம்)	
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	(அடிப்படை இலக்கணம்)	செயல்பாடு: உயிர் எழுத்துக்களின் பெயர்களைத் தொடங்கும் படங்களைச் சேகரித்து அவற்றை ஒரு தாளில் ஒட்டி வகுப்பில் அவற்றை விளக்கி கூறவேண்டும்.	உயிர், மெய் எழுத்துக்களை தெரிந்து கொள்ளுதல்.
May	கோடைக்காலவிடுமுறை (வீட்டுப்பாடம்: உயிரெழுத்துக்கள் முழுவதையும் நன்கு படித்து அவற்றை வரைபடத்தாள் அழகாக எழுதவும்)	-	-
June	1. விளையாட்டு உலகம் 2. சொல்லாதே! சொல்லாதே! 3. பேசாதவைப் பேசினால்...	செயல்திட்டம்: நீங்கள் வெளியூர் செல்லும் வழியில் உணவகங்கள் இருந்தால் அவற்றில் எழுதப்பட்டிருக்கும் உணவுப் பொருட்களின் பெயர்களை கவனித்து அவற்றை ஒரு தாளில் அழகாக எழுதி அவற்றை வகுப்பில் வாசிக்கவும்.	1. துணிச்சலை வளர்த்துக் கொள்ளுதல் 2. சுற்றுப்புறத்தை எவ்வாறு தூய்மையாக வைத்துக் கொள்வது என தெரிந்து கொள்ளுதல்
July	4. நானும் நாங்களும் 5. வண்ணம் தொட்டு	செயல்திட்டம்: பூங்காவின் உள்ளே நுழைவது முதல் இறுதி வரை என்னென்ன வாசகங்கள் எழுதி வைக்கப்பட்டிருக்கும்.	1. முறைகளை அழைக்கும் விதங்களை தெரிந்து கொள்ளுதல் 2. எப்பொருள் என்ன வண்ணத்தில்

		அதுபோல சில பெயர் பலகைகள் தயார் செய்து அவற்றை வகுப்பில் காண்பிக்கவும்.	இருக்கும் என்பதை உணர்ந்து கொள்ளுதல். 3. ஒருமை, பன்மைகளை புரிந்து கொள்ளுதல்.
August	6. என் கற்பனையில் 7. விட்டுச் செல்லாதே	செயல்திட்டம்: உங்களுக்கு பிடித்த அழகான படங்கள் வரைந்து அவற்றிற்கு உரிய வண்ணம் தீட்டி அப்படத்தைப் பற்றி வகுப்பில் கூறவும்.	1. கற்பனைத் திறனை வளர்த்துக் கொள்ளுதல் 2. தம்மிடம் இருக்கும் பொருட்களை எவ்வாறு பத்திரமாக வைத்துக் கொள்வது என தெரிந்து கொள்ளுதல்
September	8. இறகு 9. ஆத்திச்சூடி வந்த பாதை என் நினைவில்	செயல்திட்டம்: நம் வீட்டில் அன்றாடம் பயன்படுத்தும் பொருட்களின் தமிழ் பெயர்களை ஒரு வரைபடத் தாளில் அட்டவணை படுத்தவும்	1. பறவைகளின் இரவின் தனித்துவத்தை உணர்ந்து கொள்ளுதல். 2. நற்பண்புகளை வளர்த்துக் கொள்ளுதல்.
October	10. அழகுத் தோட்டம் 11. நண்பரைக் கண்டுபிடி 12. பூம் வண்டி	செயல்திட்டம்: தங்களது விளையாட்டுப் பொருட்களை ஏற்ற வருணனை சொற்களுடன் அவற்றின் பெயர்களைக் கூறவும் மேலும் உங்கள் வீட்டில் உள்ளவர்கள் மற்றும் உறவினர்களின் பெயர்களில் வரும் வடமொழி எழுத்துக்கள் உள்ள பெயர்களைப் பட்டியலிடவும்.	1. வருணனை திறனை வளர்த்துக் கொள்ளுதல் 2. நுண்ணறிவுத் திறனை வளர்த்தல் 3. வடமொழி எழுத்துக்களை தெரிந்து கொள்ளுதல்
November	13. வாழ்த்தலாம் வாங்க 14. ஓடி விளையாடு பாப்பா 15. ஆத்திச்சூடி	செயல்திட்டம்: உங்களுக்குப் பிடித்த படம் ஒன்றை வரைந்து அதில் ஆங்கில மாதங்களின் பெயர்களை அழகாக வரிசைப்படுத்தி எழுதவும்.	1. ஆங்கில மாதங்களை தெரிந்து கொள்ளுதல் 2. வேற்றுமையில் ஒற்றுமை கொள்ளும் திறனை வளர்த்தல் 3. நற்பண்புகளை வளர்த்துக் கொள்ளுதல்
December	வந்த பாதை என் நினைவில் 16. யாரு! யாரு! யாரு! 17. சிறிய உருவம்! பெரிய உலகம்! 18. விரும்பி வேலை செய்யலாம்.	செயல்திட்டம்: ஆண்களுக்கு உரிய வேலை மற்றும் பெண்களுக்கு உரிய வேலை எவை எவை ஒரு வரைபடத் தாளில் பட்டியலிடவும்	1. இயற்கையின் அதிசயத்தைத் தெரிந்து கொள்ளுதல் 2. சிறிய உயிரினங்களின் தன்மையை உணர்ந்து கொள்ளுதல் 3. அனைத்து வேலைகளும் அனைவருக்கும் பொதுவானது என்பதை புரிந்து கொள்ளுதல்
January	19. நாங்கள் நண்பர்கள் 20. பயணம் 21. கடற்கரைக்கு போகலாம்	செயல்பாடு: உன்னை சூழ்ந்திருக்கும் சூழ்நிலைக்கு ஏற்ப ஒவ்வொருவரும் 10 வினாக்கள் உருவாக்கவும்	1. நண்பர்களின் பழக்கங்களைத் தெரிந்து கொள்ளுதல் 2. சுத்தத்தின் தன்மையை உணர்தல் 3. எந்த இடத்தில் என்ன செய்வது என்பது பற்றி புரிந்து கொள்ளுதல்
February	22. தொடர்வண்டி நிலையத்தில் 23. அன்றும் இன்றும்	செயல்திட்டம்: உங்களது ஊரில் பழைய நீர்நிலைகள் இருந்திருந்தால் அவற்றைப்பற்றி உங்களது வீட்டில் உள்ள பெரியவர்களிடம் கேட்டு சில வரிகள் எழுதி வரவும்.	1. நுண்ணறித்திறனை வளர்த்துக் கொள்ளுதல் 2. நீர் நிலைகளை சுத்தமாக வைத்துக் கொள்ளும் திறனை வளர்த்துக் கொள்ளுதல்

March	24. படவிளக்க அகராதி 25. கொன்றை வேந்தன்	செயல்பாடு: கொன்றை வேந்தன் பாடல் வரிகளுக்கேற்ப படங்களை சேகரித்து வரைபடத் தாளில் ஒட்டி அவற்றை விளக்கிக் கூறவும்.	1. அனைத்துப் பொருட்களின் தன்மையையும் தெளிவாக புரிந்து கொள்ளுதல் 2. நற்பண்புகளை வளர்த்துக் கொள்ளுதல்
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7.2.3 Grade-2 English Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name		Flowers - Ratnasagar	
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term - 1 Poem 1: A House	Activities: 1)Sing the song and upload the video. 2)Find rhyming words from the poem and write them in a chart.	Students will develop interest in singing songs . Students would be able to understand the poem 'A house'
May	summer Holidays		
June	Term - 1 Poem 1: A House Lesson 1: Mary and the mouse	Assignment: write synonyms, dictation words, question answers Activities: 1) sing the song and upload the video. 2)Find rhyming words from the poem and write them in a chart.	Students will recognize the rhyming words of the poem
July	Lesson 2: I promise Lesson 3: The fly	Assignment: Write about 'Fly' (5 lines)	Students will understand “what is promise” and know the importance of promise.
August	Term - 1 Poem 2: The little plant. Poem 3: Pretending	Activities: Find out the rhyming words from the poem and write them in a chart.	Students will be able to describe the rhyming words.
September	Lesson 4: Helping and sharing	Activity: Pick the pictures and paste or Draw in the chart about how you will help others and share your things with others	Students will be able to recognize the value of helping and the importance of sharing.
October	Term - 2 Lesson 5: Christmas song Poem 4: The swing	Assignment: Write about all the characters you can see in the lesson. Activity: Sing the swing poem and send it in google classroom	Students will learn and appreciate the poem swing and about Christmas song
November	Term - 2 Lesson 6: The golden bucket Lesson 7: Let's make friends	Assignment: Write about how you will make your friends.	Students will be able to learn how to make friends.

December	Term - 2 Lesson 8: I love my home Poem 5: The squirrel	Assignment: Write in 5 lines that how do you love your home Activities: Find out Rhyming words from the poem and write it in a chart.	Students will be able to learn how to love their home and family members.
January	Term - 2 Poem 6: The song of the engine	Activities: sing the song and upload the video	Students will be able to understand the poem the song of the engine
February	Lesson 9: Pitpat's journey	Assignment: Write about the journey of Pitpat (5 lines)	Students will be able to understand the journey of the raindrop Pitpat
March	Revision	Revision	Revision

7.2.4 Grade-2 Maths Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name		Flowers - Ratnasagar	
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	1. Write and recite numbers upto 1000	Activity: Write down the numbers from 351 to 400 in an A4 sheet.	Students will be able - to identify the numbers upto 1000
May	Summer Holidays		
June	2. Addition	Activity: Add randomly chosen two digit numbers.	Students will learn - to add the 2-digit numbers
July	3. Subtraction	Assignment: Anne has 50 🍌 and Angel has 30 🍌. 1) How many 🍌 both of them have ? 2) Who is having more 🍌? And how many?	Students will know - to subtract the 2-digit numbers.
August	4. Addition of large numbers	Assignment: Paste the pictures of the following in a chart and add them. ₹ 50, ₹ 100, ₹ 200, ₹ 2000, ₹ 10, ₹ 5, ₹ 20, ₹ 500 (Add in the given order)	Students will learn - to add the 3-digit numbers.
September	5. Subtraction of large numbers	Assignment: Mathi has 950 rupees and Mala has 690 rupees. 1) Find the total amount. 2) Find the difference.	Students will be able - to subtract the 3-digit numbers.
October	6. Shapes and Patterns	Activity: Make the following shapes yourself. 1) Square	Students will be able

		2) Rectangle 3) Triangle Assignment: Draw the following shapes in a chart and colour it. 1) Cone 2) Cylinder	- to tell the features of 2D and 3D shapes. - to draw the shapes.
November	7. Multiplication	Activity: Draw the picture for the following multiplication. 2 trees \times 3 branches	Students will be able - to say the multiplication tables. - to do the multiplication.
December	8. Division	Activity: Draw the picture for the following division. 6 apples \div 3 baskets	Students will be able - to do the division.
January	9. Time	Activity: Draw the clock pictures for the following. 1) 9:20 2) 11:05	Students will be able - to say the time in our day to day life. - to differentiate the normal year and leap year.
February	10. Money 11. Measurement	Activity 1 : Collect and paste the pictures of the following in a chart (₹1, ₹2, ₹5, ₹10, ₹20, ₹50, ₹100, ₹200, ₹500, ₹1000 & ₹2000) Activity 2 : Measure the lengths of the following: (i) Pencil (ii) Mango leaf,	Students will be able - to identify the rupees. - to measure the things which they used in day to day life.
March	12. Data handling	Activity : Make a list to go to the flower shop.	Students will be able - to do the list for shopping & studying.

7.2.5 Grade-2 EVS Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name		Flowers (RatnaSagar)	
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term - 1 1. Our Wonderful Body	Activity 1: Draw the internal organs in our body and their uses.	Students will know the internal organs in our body and their functions.
May	Summer Holidays	Summer Holidays	Summer Holidays

June	2. Food for us	Activity 2: Take some food items in your home and explain the kinds of food and send a video.	Students will know the different kinds of food items.
July	3. Clothes for us 4. We need shelter	Activity 3: Write any five different types of clothes that are made from cotton, woollen and leather. Activity 4: Make a chart to label the different types of houses.	Students will be able to explain the types of clothes describe the types of houses.
August	5. I Love my School 6. My Neighbourhood	Activity 5: Talk about your School and send a video.	Students will understand the school environment. list out their neighbourhood places.
September	7. Festivals are Fun 8. Having Fun	Activity 6: Make a chart and label any three festivals and write a few sentences about them. Activity 7: Write any five indoor and outdoor games.	Students will be able to list out some important festivals in our country know some fun activities
October	Term- 2 1. Our Earth	Activity 8: Draw and colour the Hills and Mountains.	Students will be able to explain the features of our Earth.
November	2. Our Environment 3. Plants, Our Friends	Activity 9: Make a chart to draw any five natural and man-made things. Activity 10: Draw a tree and name its parts.	Students will be able to understand natural and manmade things. explain the features of some plants
December	4. Animals, Our Friends	Activity 11: Collect the pictures of any seven domestic and wild animals and paste them in the chart.	Students will be able to know the different types of animals.
January	5. Seasons 6. Pollutions	Activity 12: Write the kinds of seasons and their months in A4 Sheet. Activity 13: Talk about pollution and send a video.	Students will be able to describe about seasons explain types of pollution
February	7. How we Travel	Activity 14: Make a chart and label any seven different types of vehicles and write the corresponding types of transport.	Students will be able to know the different types of vehicles and their types.

March	8. Be Safe!	Activity 15: Make a first aid box.	Students will be able to know the safety rules.
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7.2.6 Grade-2 Hindi Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name		सरल - हिंदी	
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	स्वर (कैसे लिखें)	गतिविधि -1: स्वर अक्षरों को झा करें और अक्षरों का उपयोग करके सजाएं दालें और चना	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे 1. स्वर अक्षरों को लिखने के लिए
May	गर्मी की छुट्टियाँ	गर्मी की छुट्टियाँ	गर्मी की छुट्टियाँ
June	हिंदी वर्णमाला (परिचय और लेखन अभ्यास) नंबर 1 से 30	गतिविधि -2: चार्ट पर स्वर वृक्ष बनाएं गतिविधि -3: नंबरों का वीडियो अपलोड करें	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे -स्वर अक्षर लिखने के लिए -सर्वनाम की पहचान करने के लिए -अंग्रेजी से हिंदी में संख्याओं को पहचानने और उनमें अंतर करने के लिए
July	स्वर शब्द (अ से अ :) फल	गतिविधि -4: स्वर शब्दों पर एक चार्ट बनाएं और वीडियो अपलोड करें गतिविधि -5: फलों को एक चार्ट में बनाएं और इसके नाम की पहचान करें और एक वीडियो अपलोड करें	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे -उच्चारण और उसकी ध्वनियाँ। - स्वरों के शब्दों का उच्चारण चित्रों के साथ करना। -फलों के नाम अंग्रेजी से हिंदी में पहचानने और उनमें अंतर करने के लिए
August	व्यंजन शब्द (क से ज) तुकबंदी - Sun	गतिविधि -6 : व्यंजन पर एक चार्ट बनाएं शब्दों गतिविधि -7: तुकबंदी का वीडियो अपलोड करें कारवाँ के साथ।	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - व्यंजन और उसकी ध्वनियों का उच्चारण करना। - चित्रों के साथ व्यंजन शब्दों का उच्चारण करना। -क्रिया के साथ तुकबंदी का विश्लेषण करने के लिए

September	व्यंजन शब्द (ट से न) महीनों के नाम सप्ताह के दिन	गतिविधि -8 : दिनों पर एक चार्ट बनाएं वर्ष के सप्ताह और महीनों का गतिविधि -9: वीडियो अपलोड करें सप्ताह के दिनों और वर्ष के महीनों के	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - व्यंजन और उसकी ध्वनियों का उच्चारण करना। - चित्रों के साथ व्यंजन शब्दों का उच्चारण करना। - सप्ताह के दिनों की पहचान करना और उनमें अंतर करना और वर्ष के महीने अंग्रेजी से हिंदी - दिनों और महीनों की अवधारणाओं के बारे में आसानी से जानने के लिए
October	व्यंजन शब्द (प से व) फूल और पैसा	गतिविधि-10: व्यंजन पर एक चार्ट बनाएं शब्द चित्र चिपकाते हैं और वीडियो अपलोड करो गतिविधि-11: एक चार्ट में फूलों को ड्रा करें और इसके नाम की पहचान करें और एक वीडियो अपलोड करें गतिविधि-12: पैसे का प्रदर्शन वीडियो को महत्व दें और अपलोड करें	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - व्यंजन और उसकी ध्वनियों का उच्चारण करना। - चित्रों के साथ व्यंजन शब्दों का उच्चारण करना। - फूलों के नाम अंग्रेजी से हिंदी में पहचानने और उनमें अंतर करने के लिए
November	स्वरो का चिन्ह	गतिविधि-13: स्वरो के चिन्ह पर एक चार्ट बनाएं	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - स्वरो के चिन्हों और चिन्हों को जानना।
December	व्यंजन स्वरो के साथ संयुक्त।	गतिविधि -15: पर एक चार्ट बनाएं स्वरो के साथ संयुक्त व्यंजन	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - स्वरो के चिन्हों और चिन्हों को जानना। - व्यंजन शब्दों का उच्चारण करना और स्वरो के साथ संयुक्त। (बरहखाड़ी)
January	व्यंजन शब्द (श से श्र) ऋतु	गतिविधि -16: ऋतुएं के नाम हिंदी में लिखें	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - व्यंजन और उसकी ध्वनियों का उच्चारण करना। - चित्रों के साथ व्यंजन शब्दों का उच्चारण करना। - ऋतुओं के नाम हिंदी में जानने के लिए
February	शरीर के अंग तुकबंदी - फूल	गतिविधि -17: शरीर के अंगों को लिखें हिंदी में नाम गतिविधि -18:	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - शरीर के अंगों के बारे में हिंदी में जानकारी प्राप्त करने के लिए। - तुकबंदी और उसकी कार्रवाई का विश्लेषण करने के लिए।

		तुकबंदी का वीडियो अपलोड करें कार्रवाई के साथ	
March	तुकबंदी - हम भारतीय सैनिक हैं	गतिविधि -19: तुकबंदी का वीडियो अपलोड करें कार्रवाई के साथ	शिक्षण सीखने की प्रक्रिया के अंत में छात्र सक्षम होंगे - चित्रों के साथ व्यंजन शब्दों का उच्चारण करना। - क्रिया के साथ तुकबंदी का विश्लेषण करने के लिए

7.3 Grade-3 Execution

Following are the books and notebooks for one academic year.

S#	Book Name / Notebook Specification	Type	Term
1	Tamil (III-STD)	Textbook	Yearly
2	Flowers Term - I (III-STD)	Textbook	Term I
3	Work book (III-STD)	Workbook	Term I
4	Flowers Term - II (III-STD)	Textbook	Term II
5	Workbook saral hindi (III-STD)	Workbook	Yearly

7.3.2 Grade-3 Tamil Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	தமிழ் (தமிழ்நாடு பாடநூல் கழகம்)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	(அடிப்படை இலக்கணம்)	செயல்பாடு: உயிர் எழுத்துக்களின் பெயர்களை தொடங்கும் படங்களை சேகரித்து ஒரு தாளில் ஒட்டி வகுப்பில் அவற்றை விளக்கி கூறவேண்டும்.	உயிர் எழுத்துக்களை தெரிந்து கொள்ளுதல்
May	கோடைகால விடுமுறை (விட்டுப்பாடம்: அன்றாடம் வீட்டில் பேசப்படும் சிறுசிறு சொற்களை வைத்து தொடர்கள் உருவாக்கி வரவும்)	-	-

June	1. தமிழ் அமுது 2. கண்ணன் செய்த உதவி	செயல்திட்டம்: தமிழ் மொழியின் சிறப்பை வெளிப்படுத்தும் பாடல்கள் இரண்டை எழுதி வரவும்.	மற்றவர்களுக்கு உதவும் திறனை வளர்த்துக் கொள்ளுதல்.
July	3. தனித்திறமை 4. கல்யாணமாம் கல்யாணம் 5. மாணவர்கள் நினைத்தால்	செயல்திட்டம்: மட்கும் பொருட்களைக் கொண்டு பைகள், கூடைகள் போன்றவற்றினை உமது பெற்றோர் உதவியுடன் செய்து வருக.	1. தங்களது தனித்திறமை என்ன என்பதைப் பற்றி அறிந்து கொள்ளுதல். 2. நாட்டுப்புற பாடல்களையும் பேச்சு வழக்கு மற்றும் எழுத்து வழக்குகளில் சிறப்பையும் தெரிந்து கொள்ளுதல் 3. நெகிழியால் ஏற்படும் தீமைகளை உணர்ந்து கொள்ளுதல்
August	6. துணிந்தவர் வெற்றி கொள்வார் 7. சான்றோர் மொழி	செயல்திட்டம்: முயற்சியுடையார் இகழ்ச்சி அடையார் என்பதுபோன்ற தன்னம்பிக்கையை வளர்க்கும் ஏதேனும் ஐந்து பொன்மொழிகள் மற்றும் பல மொழிகளை எழுதி தொகுத்து வருக.	1. மாணவர்களிடம் தன்னம்பிக்கை வளர்த்துக் கொள்ளுதல். 2. சான்றோர்களின் வார்த்தைகளைக் கேட்டு நடப்பதால் ஏற்படும் நன்மையை அறிந்து கொள்ளுதல்.
September	8. நூலகம் 9. மாட்டு வண்டியிலே.... 10. உண்மையே உயர்வு	செயல்திட்டம்: வீட்டில் உள்ள தாத்தா பாட்டியிடம் மூன்று புதிர்களை கேட்டறிந்து குறிப்பேட்டில் எழுதி வரவும்.	1. நூலகத்தின் நன்மைகளை அறிதல் 2. கிராமத்தின் இன்பத்தைத் தெரிந்து கொள்ளுதல் 3. அனைவருடனும் சேர்ந்து செயல்படல்.
October	11. ஒன்றுபட்டால் உண்டு வாழ்வு 12. கல்வி கண் போன்றது 13. திருக்குறள் கதைகள்	செயல்திட்டம்: திருக்குறள் ஓலைச்சுவடி உருவாக்கி. அதில் பத்துக் குறல்களை எழுதி வருக.	1. ஒற்றுமை திறனை வளர்த்துக் கொள்ளுதல். 2. கல்வியின் முக்கியத்துவத்தை அறிதல் 3. துன்பம் வரும் நேரங்களை எவ்வாறு சமாளிப்பது என்பதை அறிந்து கொள்ளுதல் 1
November	14. வாலு போயி கத்தி வந்தது! டும்...டும்...டும்...டும் 15. எழில் கொஞ்சம் அருவி 16. நாயும், ஓநாயும்	செயல்பாடு: விடுமுறை நாட்களில் நீங்கள் சென்று வந்த சுற்றுலா தலங்களில் உள்ள சிறப்பான இடங்களின் பெயர்களை பட்டியலிடுக. மேலும் பல்வேறு விலங்குகள், பறவைகள் படங்களைத் திரட்டுக. அவற்றைத் தொகுப்பேட்டில் ஒட்டி, அவை எழுப்பும் ஒலிகளின் பெயர்களை எழுதி வருக.	1. இயற்கையின் முக்கியத்துவத்தை அறிந்து கொள்ளுதல் 2. குறியீடுகளை அறிந்து கொள்ளுதல் 3. பிறருடன் எவ்வாறு நட்பு கொள்வது என்பது பற்றி அறிந்து கொள்ளுதல்.
December	17. நட்பே உயர்வு 18. உள்ளங்கையில் ஓர் உலகம் 19. தூக்கணாங்குருவியும் ஒட்டகச்சிவிங்கியும்	செயல்திட்டம்: மின்னணு செயலிகளின் படங்களைச் சேகரித்து அவற்றின் பெயர்கள் ஒரு தாளில் ஒட்டவும்.	1. உண்மையான நட்பின் தன்மையை புரிந்து கொள்ளுதல் 2. கணினியின் சிறப்புக்குறித்து அறிந்து கொள்ளுதல்.

			3. நல்ல எண்ணங்களைப் பற்றி அறிந்து கொள்ளுதல்.
January	20. விம்பால் வந்த விளைவு 21. மழைநீர்	செயல்திட்டம்: உங்கள் வீட்டில் நீங்கள் காணும் பொருள்களை உயர்திணை, அ.நிணை என்று வகைப்படுத்தி பெயர்களை எழுதுக. மேலும் மழை நீர் சேமிப்பு தொட்டியுடன் கூடியப் படத்தை வரைந்து வண்ணம் தீட்டி வருக.	1. வீம்பு குணத்தால் ஏற்படும் துன்பம் பற்றி அறிந்து கொள்ளுதல் 2. மழை நீரின் முக்கியத்துவத்தை உணர்ந்து கொள்ளுதல்
February	22. காகமும், நாகமும் 23. நல்வழி 24. தமிழ்மொழியின் சிறப்பு	செயல்பாடு: பறவைகளின் இறகுகளைச் சேகரித்து ஒரு தாளில் ஒட்டி அவற்றின் குணாதிசியங்களை ஒரு வரியில் எழுதி வரவும். இவற்றை வகுப்பில் விளக்கிக் கூறவும்.	1. பிறருக்கு தீங்கு செய்யாமல் வாழ்ந்தால் கிடைக்கும் நன்மை பற்றி அறிந்து கொள்ளுதல். 2. தமிழ் மொழியின் சிறப்புக்குறித்து அறிந்து கொள்ளுதல் 3. மொழி புலமையை வளர்த்துக் கொள்ளுதல்.
March	25. அறிவூட்டும் தொலைக்காட்சிச் செய்திகள்	செயல்திட்டம்: தொலைக்காட்சியில் இடம்பெறும் கல்வி பற்றிய செய்திகளைத் தொகுத்து வருக. உன் சுற்றுப்புறத்தில் உள்ள பொருள்களை வரைந்து அவற்றின் பெயர்களை எழுதி வருக.	1. நவீன முறையில் மொழியை அறிந்து கொள்ளுதல் 2. புதிய சொற்களை அறிந்து கொள்ளுதல்.



7.3.3 Grade-3 English Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers (Ratnasagar)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term - 1 Lesson 1: Rekha's New friend	Assignment: Write a few lines about Rekha's new friend	Students will- understand the lesson well and develop speaking skills..
May	Summer holidays	Write a few lines about each of your family members. Speak on the sports/festival you love the most and upload a video	

June	Term - 1 Lesson 1: Rekha's New friend Lesson 2: The little red kite	Activity: Using newspaper, make a kite and color it in red. Assignment: Write a few lines about your best friend.	-learn to do something interesting from readily available material. -develop speaking skill.
July	Term - 1 Poem 1: A Was an ant Poem 2: If I could be an astronaut Lesson 3: The kid's club	Assignment: Write synonyms and dictation of the given words. Write question answers in your notebook. Activities: Find out the pairs of rhyming words from the poem and write them on a chart.	- imagine the poem 'if I could be an astronaut'. -learn how the kids club was started by Uncle Venu. -understand what are rhyming words
August	Term - 1 Poem 3: The pond in the village Lesson 4: Gita's breakfast	Assignment: Write 5 sentences about a pond in the village and its uses. Activities: Complete the given worksheets.	- know about ponds and their uses. - learn about breakfast and its importance.
September	Term - 1 Poem 4: The Elephant Lesson 5: Celebrating earth day	Activity: Do a role play "I'm an elephant" Activities: Find out Rhyming words from the poem and write them on a chart.	- learn the importance of earth, and how to keep it clean and develop speaking skills.
October	Term - 2 Lesson 6: The never ending story Poem 5: Nice words to say	Activity: Narrate the never ending story in your own words. Watch the story of an elephant and a mouse on youtube and narrate it.	-enjoy telling stories, besides developing speaking skills..
November	Term - 2 Lesson 7: A home for a dinosaur Poem 6: The star	Assignment: Write a few sentences about dinosaurs. Activities: Find out Rhyming words from the poem and write them on a chart.	-learn about dinosaur and how to make home for a dinosaur
December	Term - 2 Lesson 8: Mr Sun takes a holiday	Activity: Give a talk on 'The sun and its importance'. Activities: Find out Rhyming words from the poem and write them on a chart.	-know about the importance of sun and develop speaking skill.
January	Term - 2 Lesson 9: Tara and Appu Poem 7: The house that Jack built	Assignment: Write synonyms, dictation words, question answers Activities: Summarise the poem in your own words.	-Develop speaking skills.

February	Lesson 10: Sweet Mangoes	Activity: Write about mangoes, their types and the nutrients in them.	-understand how the mangoes are sweet.
March	Revision	Revision	Revision

7.3.4 Grade-3 Maths Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers - Ratna sagar		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	1. Larger numbers, successors and predecessors 2. Addition	Activity 1 : Write the 1) Successor and 2) Predecessor of the given numbers Activity 2 : Count the following and add them. i) Trees around your home ii) Plants around your home	-learn: 1.to read the 4-digit numbers. 2.to add the 4-digit numbers.
May	Summer Holidays	Learn to recite tables 1-10	
June	3. Subtraction	Activity: If Della has 4000 coins and Susi has 3457 coins, find who has more coins and how many more?	to do the subtraction of 4-digit numbers.
July	4. Multiplication	Activity: Trace and find the answer for the following. 3  \times 8  Find how many apples are there.	1. To use the multiplication tables. in doing multiplication
August	5. Division of large numbers	Activity: Complete the given worksheet.on division	1. To learn the division of large numbers
September	6. Fractions	Activity: Draw the pictures of circle and show the following fractions.1)1/7 and 2)% of the circle by colouring the appropriate portions.	1. To understand fractions by doing division of a circle practically.
October	7. Time	Activity: Draw the clock picture for quarter to 11.	1. To know how to expreime such as quarter past or quarter to etc and represent time in clock.
November	8. Money	Activity: Collect the ₹5 coins for 105 and count how many coins are there?	1. To become familiar with counting money.,

December	9. Measurements Demonstration of measuring length of a twine and volume of a stone using a scale and measuring jar.	Activity: Measure the length of the door in your home and the volume of a given solid material	1. learn to measure the length of materials and measure the volume of solid materials
January	10. Geometry and Patterns Drawing lines and line segments.	Activity: Draw lines in different patterns in a chart and name them.	1. To draw the lines and line segments. 2. To identify the patterns.
February	11. Data handling	Activity: Make a pictograph on your own.	1. To use the data handling in their day to day life.
March	Revision	Revision	Revision

7.3.5 Grade-3 Science Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers : Ratna Sagar		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term - 1 Lesson 1 - Living & Non-Living things	Activity-1: Write 5 differences between living and non-living things. Activity-2: Make a chart on living and nonliving things (collect any 5 things of each and paste them).	Students will be able -to explain the importance and differences of the living and non living things
May	Summer holidays	Measure the external length and breadth of your house, also the different rooms in your house, tables etc.	to understand the measurement of lengths and breadths of building, plot etc
June	Lesson 2 - Animals & plants	Activity:3: Growing bean, seed germination experiment and describe how you did the experiment and the outcome.. Activity-4: Make a chart on different kinds of animals and write their names. Activity-5: Write differences between animals & plants in a chart	-To witness and know the growth of plants in a practical manner. -To know different animals and plants and the differences between them..

July	Lesson 3 - Parts of a plant	Activity-6: Make a chart on parts of a plant (use pulses & grams as examples) Activity-7: Collect and label the different parts of a plant & paste them on a chart. Activity-8: Make a chart on the types of roots and structure of a leaf	-To know the parts of a plant. -To know the shoot & root sy/stem of the plants.
August	Lesson 4 - Food and feeding habits of animals Lesson 5 - Birds	Activity-9: Collect different types of leaves and paste them on a chart. Make 5 animal shapes from them.(Animals leaf craft) Activity-10: Explain the following in a chart: Herbivores Carnivores Omnivores Activity-11: Collect feathers of different sizes, shapes and colours. Make greeting cards by pasting these feathers on a plain chart paper.	-To know the feeding habits of animals -To explain the differences between herbivores,carnivores & omnivores, carnivores and omnivores -To discuss different kinds of beaks of birds..
September	Lesson 6 - Our body - A living machine	Activity-12:* Draw a human body on a chart. Activity-13: Write about the sense organs and organ systems (A4 sheet or chart)	-learn about our sense organs.and describe them.
October	Term- 2 Lesson 1- Safety and home	Activity-14: Make a chart on safety rules at home, classroom, and road. Activity-15: Safety and first aid activity	- learn to be safe and home is best. - be aware of safety at home, in the classroom and on the roads.
November	Lesson 2- Water and weather Lesson 3- Precious soil	Activity-16: Make a chart on clouds and rain	- understand the water cycle and importance of soil information. - learn how seeds grow.

		Activity-17: Grow gram seeds experiment.	
December	Lesson 4 - Our Earth and its Neighbours	Activity-18: Make a chart on solar system	-learn about the planets and the solar system..
January	Lesson 5 - Going into space	Activity-19: Make a straw rocket.	-learn about space and rockets.
February	Lesson 6 - Light, Sound and Force	Activity-20: Source of light and shadow experiment.	-learn about light and sound and how they propagate. -understand force.and its impact on objects.
March	Lesson 7- Our Environment	Activity-21: Write five sentences about how to keep our environment clean. Activity-22: Talk about pollution and send a video.	-To explain about pollution of our environment and its impact on health, climate etc and the need to keep it clean..

7.3.6 Grade-3 Hindi Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	सरल हिंदी		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	सामग्री : पाठ: 1 हिन्दी वर्णमाला (आ से औ तक की मात्रा)	विषय संवर्धन गतिविधियाँ स्वरों के आधार पर शब्द बनाओ	शिक्षण उद्देश्य : मात्राओं की दोहराई करवाना। वर्ण वाचन में समर्थ बनाना। सुनाने व देखने की क्षमता का विकास करना। भाषा की समझ व रचनात्मकता को बढ़ावा देना। परिणाम : शब्द संपत्ता में वृद्धि होगी। सस्वर वाचन करने से उनमें लय के साथ उनमें चिंतन क्षमता विकसित होगी।
May	गर्मी की छुट्टियाँ	स्वर आधारित शब्दों के फ्लैश कार्ड बनाएं।	गर्मी की छुट्टियाँ

June	सामग्री : पाठ 2 बारहखड़ी	विषय संवर्धन गतिविधियाँ पाँच फल खींचो और उनके नाम लिखो	शिक्षण उद्देश्य: सीखते और ध्यान देखते समय अक्षर के भेद जानते हैं / पठन -पाठन की क्रिया को रोचक बनाना। शब्द भंडार में वृद्धि करना। परिणाम : संयुक्त व्यंजनों की पहचान होगी। छात्राएं ध्वनी भेद प्राप्त करते हैं / लिपि चिह्नों की पहचान होगी।
July	सामग्री : पाठ 2 बारहखड़ी सामग्री: पाठ 5. मुरगा बोला कविता (b)बादल राजा	विषय संवर्धन गतिविधियाँ वर्षा का चित्र बनाकर छोटी-सी कविता लिखने के लिए कहें। पाँच फल खींचो और उनके नाम लिखो	शिक्षण उद्देश्य: सीखते और ध्यान देखते समय अक्षर के भेद जानते हैं / पठन -पाठन की क्रिया को रोचक बनाना। शब्द भंडार में वृद्धि करना। परिणाम : संयुक्त व्यंजनों की पहचान होगी। छात्राएं ध्वनी भेद प्राप्त करते हैं / लिपि चिह्नों की पहचान होगी। शिक्षण उद्देश्य: शब्द भंडार में वृद्धि करना। उच्चारण तथा स्त्रावण कौशल बढ़ाना कल्पना को विस्तार देना। परिणाम: अक्षरों के विभिन्न रूपों की पहचान हो पाएगी।: बच्चे पाठ का शुद्ध उच्चारण और वाचन करना सीखेंगे।
August	सामग्री : पाठ:3 स्वरों की मात्राएँ अ और आ की मात्रा (a, b) पाठ - 6 गिनती	विषय संवर्धन गतिविधियाँ वर्षा का चित्र बनाकर छोटी-सी कविता लिखने के लिए कहें। पांच पक्षियों को खींचो और उनके नाम लिखो	शिक्षण उद्देश्य: उच्चारण चकित शब्द जानते हैं सहभागिता को बढ़ाना। द्वित्व शब्दों की पहचान करवाना। परिणाम : तर्कपूर्ण समझ का विकास होगा। मौखिक भाग : गिनती एक से दस तक पक्षी और जानवर का नाम
September	सामग्री : पाठ:3 स्वरों की मात्राएँ इ और ई की मात्रा (c, d)	विषय संवर्धन गतिविधियाँ अपने अध्ययन में उपयोग की जाने वाली वस्तुओं की सूची बनाइए और उनका चित्र बनाइए।	शिक्षण उद्देश्य: उच्चारण चकित शब्द जानते हैं सहभागिता को बढ़ाना। द्वित्व शब्दों की पहचान करवाना। परिणाम : तर्कपूर्ण समझ का विकास होगा। मौखिक भाग : गिनती एक से दस तक पक्षी और जानवर का नाम

October	सामग्री : पाठ:3 स्वरों की मात्राएँ उ और ऊ की मात्रा (e, f)	विषय संवर्धन गतिविधियाँ अपने घर में पालतू जानवरों को आकर्षित करें।	शिक्षण उद्देश्य: उच्चारण चकित शब्द जानते हैं सहभागिता को बढ़ाना। द्वित्व शब्दों की पहचान करवाना। परिणाम : तर्कपूर्ण समझ का विकास होगा। मौखिक भाग : गिनती एक से दस तक पक्षी और जानवर का नाम
November	सामग्री : पाठ:3 स्वरों की मात्राएँ ऋ , ए और ऐ की मात्रा (g , h , i , j)	विषय संवर्धन गतिविधियाँ दस क्रिया शब्द लिखिए और उसे खींचिए।	शिक्षण उद्देश्य: उच्चारण चकित शब्द जानते हैं सहभागिता को बढ़ाना। द्वित्व शब्दों की पहचान करवाना। परिणाम : तर्कपूर्ण समझ का विकास होगा। मौखिक भाग : गिनती एक से दस तक पक्षी और जानवर का नाम
December	सामग्री : 3 स्वरों की मात्राएँ ओ की मात्रा	अपना परिचय करो	शिक्षण उद्देश्य: उच्चारण चकित शब्द जानते हैं सहभागिता को बढ़ाना। द्वित्व शब्दों की पहचान करवाना। परिणाम : तर्कपूर्ण समझ का विकास होगा। मौखिक भाग : गिनती एक से दस तक पक्षी और जानवर का नाम
January	सामग्री : पाठ:3 स्वरों की मात्राएँ औ और अं की मात्रा (k , l) सामग्री : पाठ 4. इ की मात्रा , ई की मात्रा , उ की मात्रा	5 फूल खींचो और नाम लिखो।	शिक्षण उद्देश्य: उच्चारण चकित शब्द जानते हैं सहभागिता को बढ़ाना।
February	पाठ - 7 मेरा परिचय पाठ - 8 बातचीत	शब्द भंडार में वृद्धि करना।	शिक्षण उद्देश्य: विशेषणों की पहचान करवाना। विशेषणों का सही प्रयोग सीखना। परिणाम : विशेषण व विशेष्य की पहचान कर सकेंगे। जीवन में मधुर वचनों के महत्व को समझ सकेंगे। मौखिक भाग : गिनती एक से तीस तक पशु और उनके बच्चे
March	संशोधन	संशोधन	संशोधन

7.3.7 Grade-3 Social Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers (Ratna Sagar)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term - 1 1. Up in the Sky	Activity 1: Draw the solar system on a chart.	Students will... learn about the solar system and stars and the difference between stars and planets.
May	Summer Holidays	Summer Holidays	Summer Holidays
June	2. The Earth, Our Home	Activity: 2 Draw the five oceans and seven continents in an A4 Sheet.	-learn about the globe, Atlas, maps, oceans and continents
July	3. I Love my India	Activity: 3 Write the 28 states and their capitals in an A4 sheet.	-know about our beautiful country and its varying culture..
August	4. Our beautiful country 5. The festivals we celebrate	Activity: 4 Make a chart and label any three religious festivals and write a few sentences about them	-understand the features of our beautiful country -explain the different types of festivals we celebrate.
September	6. Early Civilizations	Activity: 5 1. What are the four earliest civilizations? 2. Write about Ziggurats, Pyramids and the Great wall of China.	-comprehend the different features of early civilizations
October	Term- 2 1. The Colourful North	Activity: 6 Write an assignment on any five tourist places in Delhi and what they are famous for.	-know about North India.
November	2. The Wonderful West 3. The Lively East	Activity: 7 Write about important tourist places in North and East India and the states in which they are located in a A4 sheet	- learn about Western and Eastern India
December	4. The Splendid South	Activity: 8 Write about famous places and others such as food, clothes, festivals, dance, ebaches, temples, cricket teams, etc.	-learn about the important cities etc in Southern India..

January	5. How we Travel	Activity: 9 Draw and label different types of vehicles and write the corresponding types of transport on a chart.	-learn about the different vehicles and their types.
February	6. How we Communicate	Activity: 10 Draw any five devices that we use for communication.	-understand the different types of communication.
March	7. Emperor Ashoka	Activity: 11 Write an assignment on Emperor Ashoka in an A4 Sheet.	learn about Emperor Ashoka.

7.4 Grade-4 Execution

Following are the books and notebooks for one academic year.

S#	Book Name / Notebook Specification	Type	Term
1	Tamil (IV-STD)	Textbook	Yearly
2	Flowers Term - I (IV-STD)	Textbook	Term I
3	Work book (IV-STD)	Workbook	Term I
4	Flowers Term - II (IV-STD)	Textbook	Term II
5	Workbook saral hindi (IV-STD)	Workbook	Yearly

7.4.2 Grade-4 Tamil Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	தமிழ் (தமிழ்நாடு பாடநூல் கழகம்)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	அடிப்படை இலக்கணம்	செயல்பாடு: உயிர் எழுத்துக்களின் பெயர்களை தொடங்கும் படங்களைச் சேகரித்து அவற்றை ஒரு தாளில் ஒட்டி வகுப்பில் அவற்றை விளக்கிக் கூறவேண்டும்.	உயிர்எழுத்துக்களை தெரிந்து கொள்ளுதல்
May	கோடைக் கால விடுமுறை (வீட்டுப்பாடம்: தினசரி இரண்டு புதிய தொடர்கள்	-	-

	உருவாக்கி ஒரு தாளில் எழுதவும்.)		
June	1. அன்னைத் தமிழ் 2. பனைமரச்சிறப்பு 3. ஏழு இறக்கைக் குருவியும் தெனாலிராமனும்	செயல்திட்டம்: பனை ஓலைகளைப் பயன்படுத்தி காற்றாடி, விசிறி, பொம்மை, பெட்டி போன்றப் பொருள்களைச் செய்யவும்.	1. பனைமரச்சிறப்பு பற்றி அறிந்து கொள்ளுதல் 2. தமிழ் மொழியின் சிறப்பை உணர்ந்து கொள்ளுதல். 3. தமிழக அரசு சின்னங்கள் பற்றி அறிந்து கொள்ளுதல் 4. இலக்கணம் - பால் வகைகள் பற்றி அறிந்து கொள்ளுதல் 5. தெனாலிராமனின் சாதாரணத்தை நின்று கொள்ளுதல்
July	4. முளைப்பாரி- பாடல் 5. பண்படுத்தும் பழமொழிகள்.	செயல்திட்டம் : மாணவர்கள் 5 பேர் கொண்ட குழுவாகப் பிரிந்து கொள்க ஒவ்வொரு குழுவும் தமக்கு கிடைக்கும் சிறு தானியங்களைக் கொண்டு முளைப்பாரி இட்டு கொண்டு வருக.	1. முளைப்பாரி பாடலைப் பற்றி அறிதல் 2. பழமொழிகளின் சிறப்பை உணர்தல். 3. பழமொழிகளின் உண்மையான அர்த்தங்கள் பற்றி அறிந்து கொள்ளுதல் 4. நாட்டுப்புறப் பாடல்களை அறிதல்
August	6. முயல் அரசன் 7. வெற்றி வேற்கை 8. விடியும் வேளை	செயல்திட்டம்: சிறுதானியங்கள், நவ தானியங்கள் ஆகியவற்றைச் சேகரித்து ஒட்டி அதன் பெயரை எழுதி படத்தொகுப்பு தயார் செய்க.	1. முயல் அரசன் கதையைப் பற்றி அறிந்து கொள்ளுதல் 2. உதவியால் பெறும் நன்மையைப் பற்றி அறிந்து கொள்ளுதல் 3. வருணனைச் சொற்களை அறிதல்
September	9. கரிகாலன் கட்டிய கல்லணை 10. காவல்காரன் 11. எல்லாரும் இப்படியே இருந்துவிட்டால் 12. யானைக்கும் பாணைக்கும் சரி	செயல்திட்டம் : 1. உங்கள் வீட்டில் உருவாகும் காய்கறிக்கழிவுகளையும் மட்கும் குப்பைகளையும் பயன்படுத்தி இயற்கை உரம் தயார் செய்க. அந்த உரத்தை வீட்டிலோ பள்ளியிலோ உள்ள தாவரங்களுக்கு பயன்படுத்துக. 2. உங்கள் இருப்பிடத்திற்கு அருகில் உள்ள தோட்டம், தோட்டத்தின் உரிமையாளர் பெயர், தோட்டம் அமைந்திருக்கும் ஊர், நீர்வசதி, தோட்டத்தில் விளையும் காய்கள் பற்றிய கருத்துக்களைச் சேகரிக்கவும்.	1. கரிகாலன் கல்லணையைப் பற்றி அறிதல் 2. சோளக்கொல்லை பொம்மையின் சிறப்பை உணர்தல் 3. உழவுத்தொழிலின் முக்கியத்துவத்தை அறிதல் 4. ஆத்திரக்காரனுக்குப் புத்தி மட்டு என்பதை அறிதல்

October	13. நன்னெறி 14. பனிமலைப் பயணம் 15. ஆராய்ந்திட வேண்டும் 16. திருக்குறள் கதைகள்	செயல்திட்டம்: 1. மாணவர்கள் நன்கு அறிந்த திருக்குறளுக்கு அவரவர் சொந்த நடையில் கதை எழுதி வருக.	1. இன்சொற்களைப் பேசுவதால் ஏற்படும் நன்மையை அறிதல் 2. பிரச்சனைகள் வரும்போது எவ்வாறு புத்திசாலித்தனமாக தப்பிப்பது என தெரிந்து கொள்ளுதல் 3. ஆராய்ந்திடாமல் முடிவெடுத்தால் ஏற்படும் தீமைகளை அறிதல். 4. திருக்குறள் கதைகள் மூலம் நற்பண்புகளை வளர்த்தல்.
November	17. பசுவுக்குக் கிடைத்த நீதி 18. வேலைக்கேற்ற கூலி 19. உலா வரும் செயற்கைக்கோள்	செயல்திட்டம்: 1. அவரவர் வாழும் சூழலில் காணும் பறவைகள் விலங்குகள் பற்றிய செய்திகளைத் திரட்டி படத்தொகுப்பு ஒன்றை உருவாக்குக.	1. மனுநீதி சோழனின் கடையிலிருந்து நீதி தவறாமல் இருப்பது எப்படி என உணர்தல். 2. செய்யும் வேலைகளில் எவ்வாறு புத்திசாலித்தனமாகவும், திறமையாகவும் இருக்கவேண்டும் என்று தெரிந்து கொள்ளுதல். 3. செயற்கைக்கோள் பற்றிய தகவல்களை அறிந்து கொள்ளுதல்
December	20. மாசில்லாத உலகம் படைப்போம் 21. காட்டுக்குள்ளே கொண்டாட்டம்	செயல்திட்டம்: நம் பள்ளியில் நடைபெற உள்ள ஆண்டுவிழா இலக்கிய மன்ற விழா போன்றவற்றில் ஏதேனும் ஒரு விழாவிற்கு அழைப்பிதழ் உருவாக்குக.	1. மின்னணு சாதனங்களால் ஏற்படும் நன்மை, தீமைகள் பற்றி அறிந்துகொள்ளுதல் 2. ஒருவரின் உருவத்தைக் கண்டு அவரின் திறமையை எடை போடுதல் தவறு என்று புரிந்து கொள்ளுதல்.
January	22. ஆனந்தம் விளையும் பூமி 23. கணினி உலகம் 24. மலையும் எதிரொலியும்	செயல்திட்டம்: உனது ஊரில் பாடப்படும் நாட்டுப்புறப் பாடல்களைக் கேட்டு எழுதி வருக.	1. நாட்டுப் பற்றை வளர்த்துக் கொள்ளுதல் 2. கணினியின் முக்கியத்துவத்தை அறிதல் 3. வாழ்க்கையின் எதார்த்தங்கள் பற்றி மாணவர்கள் அறிதல்.
February	25. நீதிநெறி விளக்கம் 26. உறவு முறைக் கடிதம்	செயல்திட்டம்: எவையேனும் பத்து விளையாட்டுக்களின் பெயர்களையும் அவற்றிற்குரிய படங்களையும் திரட்டுக.	1. எதையெல்லாம் செய்யக்கூடாது எனத் தெரிந்து கொள்ளுதல். 2. கடிதம் எழுதும் முறையை கற்றுக் கொள்ளுதல்.
March	27. அறிவுநிலா	செயல்பாடு: உங்கள் வீட்டில் உள்ள பெரியவர்களிடம் கேட்டு 20 விடுகதைகள் எழுதி வருக.	புதிர்க்கதையைப் பற்றி மாணவர்கள் அறிந்து கொள்ளுதல்

7.4.3 Grade-4 English Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers-Ratna sagar
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Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term - 1 Lesson -1 The English exam. Grammar: Sentences.	1. Dialogue writing between the teacher and a student. 2. Worksheets will be given for sentences and their types.	Students will be able to 1. summarise the story. 2. write meaningful sentences and small dialogues.
May	Summer holidays.	Poster making: Various types of festivals celebrated in india.	
June	Lesson-2 The way to school Grammar: pronouns.and its different kinds Singular - plural	1. Narrate the story "The way to school". 2. Worksheet will be given on possessive nouns and singular and plural.	1. Improve the speaking skill and vocabulary. 2. understand pronouns, singular and plural etc..
July	Poem:1 Make room for elephants. Lesson:3 Mina's letter Grammar: simple present tense and present continuous tense.	1. Write a diary entry about your new friend in school. 2. Do the worksheet on present and present continuous tenses.	1. develop the writing skill 2..understand the uses of tenses in the sentences.
August	Poem:2 The "Veggy"Lion. Lesson:4 Yuuki and the Tsunami Grammar: articles.	Write a summary of the poem. Describe in your own words tsunami, the symptoms before tsunami and its consequences,.	1. know about the tsunami and its destruction. 2. differentiate between the definite and indefinite articles and where they should be used. .
September	Poem:3 The silent snake. Lesson:5 The Magpie's lesson Grammar: pronouns and possessive pronouns.	Collect and paste the pictures of different kinds of birds and write about their special features.	1. understand the uses of pronouns in a sentence 2. know about the different kinds of birds and their habitats.
October	Term-2 Lesson- 1 The tree spirit Grammar: adjectives.	1. "Narrate the story about - 'The tree spirit". 2. Do the worksheet given on adjectives.	1. improve their speaking skill 2. understand about adjectives and their usage in sentences.
November	Lesson- 2 Girls can't play cricket Poems - Story "boat" Grammar: countable and uncountable nouns.	1. Do a mind map on the story- Girls can't play cricket. 2. Recite the poem with proper pronunciation.	1. understand the lesson "Girls can't play cricket" 2. read the poem with proper pronunciation and intonation. 3. know about countable and uncountable nouns and the uses of much and many in a sentence.

December	Lesson - 3 The demon and the dancer Grammar: adverbs	1. Summarize the story- "The demon and the dancer." 2. Worksheet will be given for adverbs.	1. develop speaking skills. 2. learn the use of adverbs in a sentence.
January	Lesson - 4 An adventure Grammar: Prepositions	Write an alternate ending for the story "An adventure".	1. improve their imagination and creative skills. 2. understand how to use appropriate prepositions in a sentence.
February	Poems - Laughing song, Granny's little laptop	Recite the poem with proper pronunciation and intonation.	learn proper pronunciation and understand the concept of the poem.
March	Lesson - 5 The lake of the moon Grammar: Conjunction	1. Draw the concept map for the lesson-The lake of the moon. 2. Do the worksheet on conjunctions.	1. understand the concept of the story 2. learn the use of conjunctions to connect two sentences.

7.4.4 Grade-4 Maths Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers-Ratna sagar		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	TERM - I Chapter 1: Large Numbers	Activity – 1 - Draw the Indian and International place value chart and compare them. - Place value 'BINGO GAME'. Activity – 2 Form the largest and smallest 7 digit numbers with the given number of digits.	At the end of teaching learning process students will be able to: 1. write 5-digit numbers and 6-digit numbers 2. write successor and predecessor 3. Compare and form numbers 4. Rounding off numbers 5. International Place- Value system 6. Roman Numerals
May	Summer Holidays Homework: Technology: A way of life.	-	-
June	Chapter 2 - Addition and Subtraction	Activity – 3 Addition and Subtraction Pyramid.	1. learn about properties of addition and subtraction 2. learn to add 4-digit numbers and large numbers with and without regrouping 2. learn to subtract 4-digit and large numbers with and without regrouping

July	Chapter 3 - Multiplication	Activity - 4 - Multiply two digit numbers by counting point of intersection of lines. - Multiplication 'WHEEL'. - LADOO Mania.	-understand the 1. properties of multiplication 2. multiplication of 1- digit, 2-digit and 3- digit numbers 3. multiplication by expanding the number
August	Chapter 4 - Division	Activity - 5 - Division: Creating equal groups - Spinning Division	At the end of teaching learning process students will be able to learn the 1. Properties of Division 2. Division by 1- digit and 2- digit divisor 3. Division by 10, 100 and 1000
September	Chapter 5 - Multiples and Factors Chapter 6 - HCF and LCM	Activity - 6 To find the prime numbers from 1 to 50 by Sieve of Eratosthenes method. Activity - 7 Make a chart to find the differences between HCF and LCM with suitable examples.	- know about: 1. multiples and factors 2. prime and composite numbers 3. tests of divisibility 4. prime factorisation 5. highest common factor(HCF) 6. lowest common multiple(LCM)
October	TERM - II Chapter 1 - Fractions	Activity - 8 Represent the fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$ using rectangular strips by paper folding. Activity - 9 Making of animals and birds using colored paper by cutting out different fractions.	- learn about 1. equivalent fractions 2. like and unlike fractions 3. proper and improper fractions 4. adding and subtracting like fractions
November	Chapter 2 - Decimals	Activity - 10 - Make a place value chart for decimal numbers. - Identify decimal numbers using fraction models. - Add decimal fractions using equivalence. - Subtracting decimals activity with base ten blocks.	-learn to 1. represent decimal numbers in the place- value chart 2. convert fractions into decimals 3. convert decimals into fractions 4. create equivalent fractions 5. know about like and unlike decimals 6. compare decimals

			7. add and subtract decimals 8. Use decimals
December	Chapter 3 - Metric Measures	Activity - 11 Measure the height and weight of your peer group and analyse the data Activity - 12 - Measure the length between different points using pencil,paper clip,etc. - Find out the volume of a few household items.	1. learn to relate different units of length, mass and capacity. 2. to convert units 3. add and subtract measurements
January	Chapter 4 - Time Chapter 5 - Money	Activity - 13 To draw the mirror image of the analog clock showing a particular time. Activity - 14 - to find the time after and the time before. - paper plate clock. - musical clock Activity - 15 Create money rubbings with paper and crayons.	1. learn to convert time. 2. know to add and subtract time. 3. Use and extract information from the calendar. 4. convert rupees into paise and vice versa. 5. to do operations on money.
February	Chapter 6 - Geometry	Activity - 16 - To find the centre of a circle by paper folding and to find the relation between radius and diameter. - Finding the circumference of a circle using thread bangle and scale. - Relation between circumference and diameter using empty match box and scale.	1. learn about point, line, line segment and ray. 2. measure and draw a line segment. 3. constructing angles using a protractor. 4. drawing circle of given radius/diameter..

March	Chapter 7 - Perimeter and Area Chapter 8 - Symmetry and Patterns	Activity – 17 To make rectangles of different dimensions on a square paper using 6 adjacent squares and finding their perimeters. Activity - 18 To identify lines of symmetry of a square, rectangle and circle by paper folding.	-learn to find the 1. perimeter of a rectangle and a square. 2. area of a rectangle and a square. 3. symmetry and patterns.
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7.4.5 Grade-4 Science Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers - Ratna Sagar		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term- 1 Chapter 1 - Plants: Preparing and Storing Food	Activity 1: Draw a diagram to reveal that plants, animals and humans depend on one another.	-learn about ecobalance in nature.
May	Summer Holiday - Do the given worksheets	-	-
June	Chapter 2 - Plants: Living and Surviving Chapter 3 - Animals: How Life Goes On	Activity 2: Choose a small area to plant any seedling. Observe the seeds grow into young plants and describe the parts of the plants. Activity 3. Collect different kinds of animal images along with their young ones Activity 4. Draw the life cycle of a frog and a butterfly	- know about terrestrial and aquatic plants. - understand the ways by which animals reproduce.
July	Chapter 4 - Animals: Living and Surviving	Activity 5:. Differentiate between aquatic, amphibians, aerial and arboreal animals.	- know about adaptations to the environment.
August	Chapter 5 - Food and Digestion	Activity 6: a) Collect pictures of energy-giving food and make a chart. b) Collect pictures of food that help us to grow and make a chart	- Able to understand the important features of digestion of food.

September	Chapter 6 - Teeth and Microbes	Activity 7: Solve the given crossword puzzle with the help of the clues. Activity 8. Grow fungus in a pieces of orange	- know about kinds of teeth and their structure. - know the kinds of microbes.
October	Term 2 Chapter 1 : Safety First	Activity 8.: Draw the traffic light signals and explain the set of rules we should follow while travelling in the road	- experience safety at home, school and on the road. - understand the importance of first aid.
November	Chapter 2 - The Right Clothes to Wear Chapter 3 - Air, Water and Weather	Activity 9. Create a handmade - Windmill. Activity 10. Draw the different types of clothes and make use of cotton,cereals and vegetables to color them.	- learn the making of models. -know about the different materials used for making clothes. - know about how to take care of clothes. - identify the impurities in water. - Know that the sun causes changes in weather.
December	Chapter 4 - The Earth and Its Neighbours	Activity 11. Draw a diagram of our solar system	- know about the sky, stars and planets. - know the important features of satellites and the solar system.
January	Chapter 5 - Solids, Liquids and Gases	Activity 12. List out some examples of solids,liquids and gases in our day-to-day life. Write the differences between solids, liquids and gases.	-know about the different states of matter and the differences between them.
February	Chapter 6 - Force, Work and Energy	Activity 13. Make a table to record the different activities/work we do in our day-to-day life and type of forces involved.	- learn about simple machines. - analyse different forms of energy
March	Chapter 7 - A Clean World	Activity 14. Draw a diagram on the topic "Save our Earth"	- know about pollution. - know about preventing pollution.

7.4.6 Grade-4 Hindi Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	सरल हिंदी		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	सामग्री: पाठ: 1 हिन्दी वर्णमाला	अपना परिचय करो।	शिक्षण उद्देश्य : वर्णों को परिचित होना । परिणाम : उच्चारण चहित सीख लेना ।

May	गर्मी की छुट्टियाँ	द्विवित्रीय व्यंजनों के शब्द फ्लैश कार्ड्स बनाइए। गर्मी की छुट्टियाँ।	गर्मी की छुट्टियाँ
June	सामग्री : पाठ : 2 बारहखड़ी	अलग-अलग रंग की गेंदें बनाएं और रंगों के नाम लिखें।	शिक्षण उद्देश्य : वर्णों को परिचित होना परिणाम : उच्चारण चर्चित सीख लेना।
July	सामग्री : पाठ : 3 द्वित्व व्यंजन पाठ - 16 गीत (क) फलों की टोकरी (ख) खिलौनेवाला	पाँच जंगली जानवरों को खींचो और उनके नाम लिखो।	शिक्षण उद्देश्य : फलों के नाम जानना। कविता पढ़ना और सुनना। परिणाम : उच्चारण चर्चित सीख लेना।
August	सामग्री : पाठ : 4 संयुक्त व्यंजन	पाँच संयुक्त व्यंजन शब्द बनाइए और लिखिए।	शिक्षण उद्देश्य : पाठ के शीर्षक पर चर्चा करवाना। चतुराई के बल पर सीख लेना। स्पष्ट व उद्देश्यपरक वाचन करवाना। परिणामों : बच्चे पाठ का शुद्ध उच्चारण व स्पष्ट वाचन करना सीखेंगे। बुद्धि ही हमेशा जीत होती है शब्द एवं उनके अर्थ जानेंगे।
September	सामग्री : पाठ : 5- संयुक्ताश्रार पाठ - 17 कहानी का कविता (क) प्यासा कौआ (ख) स्वच्छता अभियान	इस और इनका प्रयोग करके अपने स्वयं के वाक्य बनाइए।	शिक्षण उद्देश्य : शीर्षक पर चर्चा करवाना। पाठ का सस्वर व उद्देश्यपरक वाचन करना। विभिन्न अभ्यासों द्वारा भाषा की समझ व रचनात्मकता को देना। परिणामों : हमें अपनी शक्ति के साथ साथ अपनी कमजोरी का भी बुद्धि होना चाहिए। ग्रहण क्षमता बढ़ेगी।
October	पाठ - 6 यह - ये	उसका और उन का उपयोग करके अपने स्वयं के वाक्य बनाएं।	बच्चे एक वचन और बहु वचन के बारे में जानना और वाक्य बनाने का सीख प्राप्त होना।
November	पाठ - 7 वह - वे	मैं और हम का प्रयोग करके अपने वाक्य बनाओ।	बच्चे एक वचन और बहु वचन के बारे में जानना। और वाक्य बनाने को सीखना।
December	पाठ - 8 मैं - हम पाठ - 13 जीव जंतुओं की बोलियाँ	यहाँ और वहाँ का प्रयोग करके अपने स्वयं के वाक्य बनाओ।	शिक्षण उद्देश्य : वर्णों को परिचित होना। कई प्रकार की बोलियाँ विवस्त होना। परिणाम : उच्चारण चर्चित सीख लेना।
January	पाठ - 9 तुम - आप पाठ - 10 क्या, कौन, कहाँ	हमारे शरीर के अंगों को खींचना और लिखना।	प्रश्न वाक्य बनाने की कला प्राप्त होना और वचन के बारे में ज्ञान होना।

February	पाठ - 11 यहाँ - वहाँ पाठ - 12 ' का , के , की ' का प्रयोग पाठ - 14 सरल वाक्य	अपने काल्पनिक बगीचे को ड्रा करें।	प्रश्न वाक्य बनाने की कला प्राप्त होना और वचन के बारे ज्ञात होना।
March	संशोधन	संशोधन	संशोधन

7.4.7 Grade-4 Social Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers : Ratna Sagar		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term 1: Lesson 1: I Love My India	Assignment: Write the names of States, their Capitals and their locations in a map..	-know about our states and capitals.
May	Summer Holidays	Summer Holidays	Summer Holidays
June	Lesson 2: The Northern Mountains	Assignment: Write a few lines about the 3 Northern Mountains of India in an A4 sheet.	-learn about the Northern Mountains.and the lifestyle and culture of the people living in this region.
July	Lesson 3: The Northern and coastal plains	Activity -1 : Collect some pictures of people living in these regions	-describe about the northern and coastal plains of our country.. -know about the lifestyle and culture of the people living in this region.
August	Lesson 4: The Western Desert Lesson 5: The Southern plateaus and the islands	Assignment: Write 2 points on each: land, climate, natural vegetation, water supply, occupation, houses, lifestyle and major cities in this region.	-learn about The Western Desert, Southern plateau, lifestyle and culture of the people.
September	Lesson 6: Emperor Akbar	Assignment: Say 10 facts about Emperor Akbar and upload a video.	-know the facts about Emperor Akbar.

October	Term 2: Lesson 1: Our Water Resources Lesson 2: Our Mineral Resources	Assignment: Write 10 lines about Our Water Resources. Activity 2: Worksheets will be given.	-learn about Water Resources. -know about the Mineral Resources of our country.
November	Lesson 3: Our Agriculture	Activity 3: Collect some pictures of different types of agriculture in our country.	-learn about the importance of Agriculture
December	Lesson 4: Our Industries	Activity 4: Collect some pictures of different types of Industries in our country.	-know about the Industries and their importance.
January	Lesson 5: Transport and Communication	Assignment: Write a few points about different transport systems.	-To describe Transport and Communication facilities in our country.
February	Lesson 6: Our Rights and Duties	Assignment: List any 10 of our Rights and duties.	-To know about Our Rights and Duties as an Indian citizen.
March	Lesson 7: Our Rich Culture	Activity 4: Collect the pictures which reflect our rich culture and paste them on a chart.	-To know about Our Country's Rich and Diverse Culture

7.5 Grade-5 Execution

Following are the books and notebooks for one academic year.

S#	Book Name / Notebook Specification	Type	Term
1	Tamil (V-STD)	Textbook	Yearly
2	Flowers Term - I (V-STD)	Textbook	Term I
3	Work book (V-STD)	Workbook	Term I
4	Flowers Term - II (V-STD)	Textbook	Term II
5	Workbook saral hindi (V-STD)	Workbook	Yearly

7.5.2 Grade-5 Tamil Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	தமிழ் (பாடநூல் கழகம்)
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Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	இயல் : 1 1. தமிழின் இனிமை 2. அறிவா? பண்பா?	ஒப்படைப்பு:1 பாடலின் கருத்தை சொந்த நடையில் எழுதுக.	1.தமிழின் இனிமையை மாணவர்கள் அறிதல் 2. தன் கருத்தைக் கவிதை மூலம் வெளிப்படுத்த தெரிந்து கொள்ளல்
May	கோடை விடுமுறை	உனக்கு தெரிந்த பழமொழிகளை தொகுத்து எழுதுக	1.அடிப்படை கருத்துக்களை தெரிந்து கொள்ளல்.
June	இயல் : 1 1. தமிழின் இனிமை 2. அறிவா? பண்பா? 3. என்ன சத்தம் 4. மரபுச்சொற்கள்	செயல்திட்டம்:1 தமிழின் இனிமை பாடலை வரைபடத்தாளில் எழுதவும். ஒப்படைப்பு: 1 மரபுச் சொற்களை A4 தாளில் எழுதவும்.	1. தமிழின் இனிமையை மாணவர்கள் அறிதல் 2. தன் கருத்தைக் கவிதை மூலம் வெளிப்படுத்தல் 3. கதையை எப்படி உச்சரித்து படிப்பது என்பதை அறிதல் 4. மரபின் வகைகளை அறிதல்
July	இயல் : 2 1. மூதுரை 2. கல்விச்செல்வமும் பொருட்செல்வமும் 3. வறுமையிலும் நேர்மை 4. பெயர்ச்சொல், வினைச்சொல்	செயல்பாடு: 2 மூதுரை செய்யுளின் பாடலை வரைபடத்தாளில் எழுதவும். ஒப்படைப்பு: 2 பெயர்ச்சொல், வினைச் சொற்களை A4 தாளில் எழுதவும்.	1. கல்வியின் அவசியத்தை அறிதல் 2. கற்றவர்களின் குணத்தை அறிதல் 3. பொறுமையால் எதனையும் சாதிக்க முடியும் என்பதை பற்றி அறிதல் 4. நேர்மை நன்மை தரும் என்பதை பற்றி அறிதல் 5. பெயர்ச்சொல் வினைச்சொல் பற்றி அறிதல்
August	இயல் : 3 1. கடல் 2. படம் இங்கே! பழமொழி எங்கே! 3. தப்பிப் பிழைத்த மான் 4. சொற்றொடர் அமைப்பு முறை	செயல்திட்டம்: 3 கடல் படம் வரைந்து கடலின் பயன்களைப் பட்டியலிடுக. ஒப்படைப்பு: 3 அ. உனக்குத் தெரிந்த பழமொழிகள் பத்து எழுதவும். ஆ. சொற்றொடர் அமைப்பு முறையை எழுதவும்.	இயற்கையை பாதுகாக்க வேண்டும் என்பதை அறிதல் பழமொழிகள் பற்றி அறிதல் ஆபத்தில் உதவுபவனே உண்மையான நண்பன் என்பதை பற்றி அறிதல் எழுவாய், செயப்படுபொருள், பயனிலை பற்றி அறிதல்
September	இயல் : 4 1. எதனாலே? எதனாலே? 2. அறிவின் திறவுகோல் 3. நானும் பறக்கப் போகிறேன் 4. மூவிடப்பெயர்கள்	செயல்திட்டம்: 4 எதனாலே எதனாலே பாடலை வரைபடத்தாளில் எழுதவும். ஒப்படைப்பு: 4 அறிவியல் அறிஞர்கள் எவரேனும் ஐவரின் படத்தை ஒட்டி அவர்களைப் பற்றி ஐந்து வரிகள் எழுதவும்.	1. அறிவியல் விழிப்புணர்வை அறிதல் 2. சுற்றுப்புறத்தில் நிகழும் ஒவ்வொரு நிகழ்வுக்கும் அறிவியல் பின்புலம் இருப்பதை அறிதல் 3. அறிவியல் கண்டுபிடிப்புகளையும் கண்டுபிடித்தவர்கள் அறிதல் 4. அறிவியல் மனப்பான்மையை அறிதல் 5. தன்மை, முன்னிலை , படர்க்கை பற்றி அறிதல்

October	இயல் : 5 1. திருக்குறள் 2. தமிழர்களின் வீரக்கலைகள் 3. கங்கை கொண்ட சோழபுரம் 4. இணைப்புச் சொற்கள்	செயல்பாடு: 5 தமிழர்களின் வீரக் கலைகள் பற்றிய படத்தொகுப்பு உருவாக்குக. ஒப்படைப்பு: 5 திருக்குறள் 10 A4 தாளில் எழுதவும்.	1. பண்புடைமையை அறிதல் 2. தமிழர்களின் பாரம்பரிய விளையாட்டுகளை அறிதல் 3. கங்கை கொண்ட சோழபுரம் பற்றி அறிதல் 4. இணைப்புச்சொற்கள் பயன்படுத்துவதை அறிதல்
November	இயல் : 6 1. உழவுப்பொங்கல் 2. விதைத் திருவிழா 3. நேர்மை நிறைந்த தீர்ப்பு 4. அடுக்குத் தொடர், இரட்டைக் கிளவி	செயல்திட்டம்: 6 உழவு தொடர்பான படம் ஒன்றை வரைந்து வண்ணம் தீட்டுக. ஒப்படைப்பு: 6 தானியங்களை சேகரித்து படத்தொகுப்பு உருவாக்குக.	1. உழவுத்தொழிலின் பெருமையை அறிதல் 2. இயற்கை வேளாண்மையை அறிதல் 3. நேர்மை நிறைந்த தீர்ப்பு கதையை அறிதல் 4. அடுக்குத்தொடர், இரட்டைக்கிளவி பற்றி அறிதல்
December	இயல் : 7 1. சிறுபஞ்சமூலம் 2. வாரித் தந்த வள்ளல் 3. தலைமைப் பண்பு 4. இணைச்சொற்கள்	செயல்திட்டம்: 7 சிறுபஞ்சமூலம் பாடலை வரைபடத்தாளில் எழுதவும். ஒப்படைப்பு: 7 தலைமைப் பண்பு கதையை சுருக்கி எழுதுக.	செய்யுளை விளக்கி அறிதல் வாரித் தந்த வள்ளல் பற்றி அறிதல் தலைமைப் பண்பு பற்றி அறிதல் இணைச்சொற்கள் பற்றி அறிதல்
January	இயல் : 8 1. கல்வியே தெய்வம் 2. நீதியை நிலைநாட்டிய சிலம்பு 3. காணாமல் போன பண்பை 4. மயங்கொலிச்சொற்கள்	செயல்திட்டம்: 8 கல்வியே தெய்வம் பாடலை வரைபடத்தாளில் எழுதவும். ஒப்படைப்பு: 8 காணாமல் போன பண்பை கதையை சுருக்கி எழுதுக.	இன்றியமையாமையை அறிதல் நீதியை நிலைநாட்டிய சிலம்பு கதையை அறிதல் காணாமல் போன பண்பை கதையை அறிதல் மயங்கொலிச் சொற்கள் பற்றி அறிதல்
February	இயல் : 9 1. அறநெறிச்சாரம் 2. புதுவை வளர்த்த தமிழ் 3. நன்மையே நலம் தரும் 4. மரபுத் தொடர்கள்	செயல்திட்டம்: 9 தமிழ் மொழி கவிஞர்களுள் ஐவரின் படத்தை ஒட்டி ஒவ்வொருவரைப் பற்றி ஐந்து வரிகள் எழுதி வருக.	1. ஆளுமையை பற்றி அறிதல் 2. தமிழ் அறிஞர்களை பற்றி அறிதல் 3. நன்மையே நலம் தரும் கதையை அறிதல் 4. மரபுத்தொடர்கள் பற்றி அறிதல்
March	வினாவிடைகளை திருப்புதல்	வினாவிடைகளை திருப்புதல்	1. வினாவிடைகளை திருப்புதல்

7.5.3 Grade-5 English Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers- Ratna Sagar		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes

April	Term - 1 Lesson: 1-The mice that ate iron. Grammar: Subject and predicate.	1. Narrate the story “The mice that ate iron”. 2. Do the worksheet given on subject and predicate.	Students will be able to 1. develop speaking skills 2. learn about subject and predicate
May	Summer holidays	Read the newspaper every day and collect current information about topics of your interest.	
June	Lesson: 2- The friendship. Poems- The tree, Teacher's pest.	1. Write a brief summary about your best friend and his qualities you like. 2. Read aloud the poem with proper pronunciation, rhythm and intonation.	-learn to frame sentences and develop writing skill. -improve pronunciation and reading skill.
July	Lesson :3- A country childhood Grammar: Nouns	Collect the information about Nelson Mandela and write about his achievements.	1. know about the achievements and sacrifices of Nelson Mandela. 2. improve reading and comprehending the text.
August	Poem: The Owl. Lesson :4 Robots don't lie.	Draw the mind map for the lesson “Robots”..	1. know the robots and new innovations. 2. improve their thinking ability.
September	Lesson :5 -The balloon seller Grammar: past, present and future tense.	1. Summarise the story “The balloon seller” in your own words. 2. Do the worksheets given on tenses.	1. enhance the writing and language skills. 2. use the correct tenses in sentences.
October	Term -2 Lesson- 1 A Robbery. Poem - Thomas Alva Edison Grammar: Pronouns.	1. Summarise the story “A Robbery” in your own words. 2. Write an account of discoveries of Thomas Alva Edison	- improve vocabulary and language skills.
November	Lesson- 2 The Angry Dragon Grammar: adjectives	Describe the summary of the lesson “The Angry Dragon” Do the worksheet on degrees of comparison.	-develop language skills -know about adjectives, degrees of comparison and their correct utility in sentences.

	and degrees of comparison.		
December	Lesson- 3 Our wonderful brain Poem - The world from a railway carriage. Grammar: articles	Narrate the summary of the lesson "Our wonderful brain" Write in your own words the essence of the poem "The world from a railway carriage"	-develop reading and writing skills. -understand the usage of correct articles in a sentence.
January	Lesson- 4 Tenali paints a Horse Poem: The first tooth.	Narrate the story in your own words "Tenali paints a horse".	Students will be able to read the poem which proper pronunciation and intonation.
February	Lesson- 5 Uncle Ken at the wicket Grammar- pronouns and prepositions.	Write a paragraph about "My favourite cricketer".	1. know about cricket. 2. know how to use prepositions and pronouns correctly in a sentence.
March	Lesson- 6 The Hornbill Festival Grammar: Conjunctions.	Draw a flowchart about- The Hornbill's festival	1. learn about diverse cultures of different states 2. know about the usage of conjunctions to connect two sentences.

7.5.4 Grade-5 Maths Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Flowers(Ratna Sagar)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes

April	TERM - I Chapter 1: Large Numbers	Activity – 1 Draw the Indian and International place value charts and compare them. Activity – 2 <ul style="list-style-type: none"> Place value 'BINGO GAME' Addition and Subtraction Pyramid. 	Students will be able to.... -use the Indian and International place value system for expressing and writing a number. Expand a number for showing the place value of digits. Expansion of numbers, preceding and succeeding numbers, comparing and ordering of numbers.
May	Summer holidays	Learn multiplication tables Tell in increasing order of squares of numbers starting from 1 to 10.	
June	Chapter 2: Operations with Large Numbers Chapter 3: Tests of Divisibility by numbers 2,3,5 and 10	Activity 3: Do the worksheet of word problems involving large numbers.	-learn the four operations of numbers and learn to solve word problems.
July	Chapter 4: HCF and LCM Properties of HCF and finding HCF Properties of LCM and finding LCM Relationship between HCF and LCM Chapter 5: Fractions	Activity 4: Find the HCF and LCM of given sets of numbers. Activity 5: To represent the fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$ using rectangular strips by paper folding.	-learn Multiples and factors -learn to identify the different types of fractions. -learn to compare and arrange the given fractions in ascending as well as descending order.
August	Chapter 6: Decimals	Activity 6: <ul style="list-style-type: none"> Represent the given decimal numbers on a 10 x 10 grid 	-learn the concept of decimals and their representation. -solve problems in daily life situations involving addition and subtraction of fractions / decimals
September	Chapter 7: Metric Measures	Activity 7: <ul style="list-style-type: none"> Measure the lengths from different points using pencil,,paper clip,etc Find out the volume of a few household items. 	-learn to relate commonly used large and small units of length, mass and capacity.

October	TERM - II Chapter 1: Percentage and Average Chapter 2: Profit and Loss	Activity 8: Bite the Bubble Activity- Working with partners, find the mass of different types of gums (including sugar-free) before and after chewing them- Use class data to find the average percent composition of sugar in each type of gum.-Be sure to include gums with high and low sugar contents (and others with gel-like sugary filling)	-learn to find the percentage and average percentage of a given set of data. -learn to calculate profit and loss To be able to identify the impact of profit and loss on a business.
November	Chapter 3: Simple Interest Chapter 4: Time	Activity 9: (a) Find the simple interest/rate of interest/ number of years/principal in the problems given in the worksheet. (b) To draw the mirror image of the analog clock showing a particular time.	-learn to solve problems involving simple interest. -learn to convert 24 hr to 12 hr time and vice versa. Spot and rectify the error in relation to time.
December	Chapter 5: Geometry Chapter 6: Perimeter, Area and Volume	Activity 10: Find the centre of a circle by paper folding and the relation between radius and diameter of the given circle.. Activity 11: Geoboard ,Straw polygons Build a 2-D house using match sticks and find its perimeter.	-learn to understand point, line and line segment and ray. -know to explore different types of curves and polygons. -Interpret daily life situations related to perimeter and area into mathematical statements and solve them.
January	Chapter 7: Symmetry, Patterns and Nets • Butterfly Symmetry, Symmetry in LETTERS.	Activity 12: Find the symmetry in the figures given in the worksheet. . Draw colourful tessellating patterns.	Observe and extend the geometrical patterns through mirror images and reflection. Identify the shapes that can tessellate.
February	Chapter 8: Data Handling	Activity 13: Draw a Birthday Bar graph using graph sheet	-learn to collect and present data from daily life experiences .
March	Chapter 9: Introducing Algebra	Activity 14: • Explore and generalise the need of using variables viz. alphabets through storytelling	-understand the need of variables and will be able to express mathematical situations using variables.

7.5.5 Grade-5 Science Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name			
Ratna sagar - Flowers (Science).			
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	1. Plants: Increasing the numbers	Activity: Stages in germination (a) Take some gram seeds in water and observe the tiny seedlings growing out of each seed. (b) Find the parts of the seed . (c) Observe the stomata in the leaf under a microscope.	- learn the conditions necessary for germination. -learn various stages of germination of seeds. -find the dispersal agents.
May	Summer holidays	Project: Do a project on the type of plants, trees and grains grown in and around your native. Also include the number of wells, borewells, hills, rivers etc..	
June	2. Animals Everywhere.	Activity : Find and list out the different animals around you. Experiment:- Observe amoeba under microscope. Project : Make a group of four. Find the information on five migratory birds and five migratory mammals.	- know the different types of animals, their habitats, feeding habits, breathing and migration.
July	3. Food and Health	Activity- In a table of three columns place Vitamin A, Vitamin B and Vitamin C. Place in each column the details of food items that are rich in that particular vitamin, diseases caused by the deficiency of the vitamin and its symptoms. School activity: Create awareness on corona infection, preventive methods and vaccination through a drama.	-understand the importance of a balanced diet. - learn about how to maintain hygiene and health. - learn about communicable and non-communicable diseases and precautionary measures to prevent infection. -learn about vaccination and importance.

August	4. Safety and First Aid.	<p>Activity: To draw the traffic rules and explain them. Project: Make a first-aid kit for yourself.</p> <p>Activity:- Visit a fire station and find out the working of fire stations and fire brigade.</p> <p>Activity:Find out the number of nearest police stations, fire stations, doctors and chemists.</p>	-learn about the traffic signs. road rules, wounds and scratches, nose bleeds, fractures, burns, animal and snake bites, poisoning and first aid handle common emergencies in daily life.
September	5. Our skeletal system 6. Our nervous system.	<p>Project :Go to the biology lab in our school and have a deep look at the skeletal system and list out the body parts and organs.</p> <p>Activity- Make a table to record the different activities/work we do in our day-to-day life and movement of joints involves.</p> <p>Activity: -Draw a picture to show how message are sent and received in our body.</p> <p>Project : Make models of the human brain.and human eye.</p>	<p>-know about the human skeleton, limbs and joints, muscles and their movements, brain and their functions, human nervous system</p> <p>- learn to recognize the different kinds of bones and joints and learn their functions.</p> <p>.-know about how to care human parts.</p>
October	6. Rocks and Minerals 7. Soil Erosion and Conservation	<p>Activity- Collect different types of rock pieces and information about the kind of rocks used in different rock sculptures around the world.</p> <p>Activity : Visit any old monument or building in your town or city and find about the materials used to build it. Write your findings in your notebook.</p> <p>Assignment: Describe the various ways of preventing soil erosion.</p> <p>Project : Make a forest in the classroom.</p>	<p>·understand the use of natural resources and their conservation.</p> <p>a. To know about the kind of rocks, minerals and their types.</p> <p>-identify factors that cause soil erosion and realize its harmful effects..</p>

November	Our life supports	<p>Experiment : Do an activity to prove that to burn anything, air is needed.</p> <p>Activity: Explain soluble and insoluble substances, sedimentation and decantation through appropriate activities.</p> <p>Project : Make a model of treatment of town water supply.</p>	<ul style="list-style-type: none"> - know the composition and properties of air. - learn about air around us and water. - know about water purification.
December	Force and Energy	<p>Activity- Make a table to record the different activities/work we do in our day-to-day life and type of forces involved in the activities.</p> <p>Experiment : To prove a screw is an inclined plane wrapped around a nail.</p> <p>Project: Make a chart for different types of Energy.</p>	<ul style="list-style-type: none"> - learn about the different types of forces and energy. - identify the type of simple machines commonly used. - learn the law of energy conservation.
January	Our Earth's Natural Satellite	<p>Project : a.. Use different types of balls and wires to make a model of the Solar system.</p> <p>b. With a torch light and balls try to understand the different phases of the moon.</p> <p>Assignment : a. Find out the names, pictures and details of four artificial satellites of Earth.</p> <p>b. Collect information on Chandrayaan 1 and make a chart on it.</p>	<ul style="list-style-type: none"> - learn about solar system, solar and lunar eclipses, artificial satellites their contribution to space research.
February	Natural Disasters Changes in our Environment	<p>Assignment: Write an account of natural disasters and their consequences.</p> <p>Project : To prepare a report on the safety measures to be taken during an earthquake and flood...</p> <p>Assignment: Explore and write an account of any drought affected area of India.</p> <p>Activity :</p> <p>Activity : Discuss with your classmates about "How green are You and the things</p>	<ul style="list-style-type: none"> -identify different types of natural disasters. and safety measures to be taken during those periods.. -understand the concept of greenhouse effect and global warming. -learn about pollution and methods to control it.

		about your family and you do” Assignment : Make a chart about how to control pollution.	
March	ANNUAL EXAMINATION.	ALL CHAPTERS	Conducting tests.

7.5.6 Grade-5 Hindi Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	सरल हिंदी		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	सामग्री: पाठ: 1 हिन्दी वर्णमाला	विषय संवर्धन गतिविधियाँ	शिक्षण उद्देश्य : वर्णों को परिचित होना । परिणाम : उच्चारण चहित सीख लेना ।
May		जंगली जानवरों के बारे में एक छोटी सी पद्गयांश बनाइए । गरमियों की छुट्टियाँ	गर्मियों की छुट्टियाँ
June	पाठ - 2 बारहखड़ी सामग्री : पाठ : 3 विनती	विषय संवर्धन गतिविधियाँ अपने स्कूल के बारे में लिखो ।	शिक्षण उद्देश्य : वर्णों को परिचित होना । परिणाम : उच्चारण चहित सीख लेना । शिक्षण उद्देश्य : कविता का सस्वर गायन करवाना। कविता का उद्देश्य बतलाना। प्रार्थना के भाव व महत्व बतलाना। परिणामों: लयबद्ध तरीके से कविता पाठ सीखेंगे। शब्द एवं उनके अर्थ जानेंगे।
July	सामग्री : पाठ : 4 चतुरबीरबल पाठ : 15 गिनती 1- 50 पाठ : 16 सप्ताह के दिन	विषय संवर्धन गतिविधियाँ अपने घर में पालतू जानवरों के बारे में लिखिए।	शिक्षण उद्देश्यों: पाठ के शीर्षक पर चर्चा करवाना। चतुराई के बल पर सीख लेना । स्पष्ट व उद्देश्यपरक वाचन करवाना। परिणामों : बच्चे पाठ का शुद्ध उच्चारण व स्पष्ट वाचन करना सीखेंगे। बुद्धि ही हमेशा जीत होती है शब्द एवं उनके अर्थ जानेंगे।
August	सामग्री : 5 समझदार घड़ा पाठ : 17 महीनों के नाम	विषय संवर्धन गतिविधियाँ पाँच जंगली जानवरों का चित्र बनाकर लिखिए।	शिक्षण उद्देश्य : शीर्षक पर चर्चा करवाना। पाठ का सस्वर व उद्देश्यपरक वाचन करना । बिभिन्न अभ्यासों द्वारा भाषा की समझ व रचनात्मकता को देना। परिणामों : हमें अपनी शक्ति के साथ साथ अपनी कमजोरी का भी बुद्धि होना चाहिए । ग्रहण क्षमता बढ़ेगी।

September	सामग्री : 6 : काला भालू पाठ - 18 व्याकरण	विषय संवर्धन गतिविधियाँ इंद्रधनुष बनाएं और उसके रंगों के नाम का उल्लेख करें।	शिक्षण उद्देश्य : पाठ के शीर्षक पर आपस में बातचीत करवाना। परिणाम: कविता का सस्वर व उद्देश्यपरक वाचन करना। बिभिन्न अभ्यासों द्वारा भाषा की समझ व रचनात्मकता को देना।
October	सामग्री : 7 बाज और कौआ सामग्री : 8 इंद्रधनुष	विषय संवर्धन गतिविधियाँ अपने गांव की स्वच्छता के बारे में लिखें।	शिक्षण उद्देश्य : बिना सोच विचार किए किसी की नकल करना मूर्कता है। परिणामों : कोई काम करने के पहले ही उनके बारे में सोच करने की समझ में आना। शिक्षण उद्देश्य : पाठ के शीर्षक पर आपस में बातचीत करवाना। इंद्रधनुष के रंगों के नाम नीचे से ऊपर और ऊपर से नीचे के क्रमों में बताना। परिणाम: वाचन व उच्चारण सीखेंगे। सूर्यग्रहण और चंद्रग्रहण होने के कारणों को जानेंगे।
November	सामग्री : पाठ - 9 जंगल में स्वच्छता सामग्री : पाठ : 10 सच्ची मित्रता	पेड़ों को बचाने के बारे में बातचीत लिखें।	शिक्षण उद्देश्य पाठ के शीर्षक पर बातचीत करना। हमें अपने आसपास का वातावरण स्वच्छ रखना चाहिए। परिणाम: जंगल में स्वच्छता के बारे में बातचीत करना। शिक्षण उद्देश्य : कविता के शीर्षक पर चर्चा करवाना। परिणामों : सच्चे मित्र एक दूसरे के सुख-दुःख बाँटते हैं।
December	सामग्री : पाठ : 11 हम नन्हें वीर सिपाही	विषय संवर्धन गतिविधियाँ अपने काल्पनिक गाँव का चित्र बनाइए।	शिक्षण उद्देश्य : कविता के शीर्षक पर चर्चा करवाना। परिणामों : हम नन्हें वीर सिपाही कविता आगे बढे देश और हम।
January	सामग्री : 12 ब्राह्मण की मूर्खता सामग्री : 13 सच्चा न्याय	विषय संवर्धन गतिविधियाँ अपने पसंदीदा खेल के बारे में लिखें।	शिक्षण उद्देश्य पाठ के शीर्षक पर बातचीत करना। पाठ का उद्देश्यपरक वाचन करवाना। परिणामों : दूसरों के कहने पर अपने विचारों को सरलता से कभी नहीं बदलना चाहिए। शिक्षण उद्देश्य : पाठ के शीर्षक पर बातचीत करना। समस्याएँ सुनना व हल करवाना। परिणाम : अभ्यास कार्य की आदत आएगी। समस्याओं को साझेदारी द्वारा हल करना सीखेंगे। न्याय भावना चरित्र का सच्चा सौंदर्य है।

February	सामग्री : 14 बचने के तरीके	विषय संवर्धन गतिविधियाँ अपने काल्पनिक बगीचे का चित्र बनाएं।	शिक्षण उद्देश्य : पाठ के शीर्षक पर बातचीत करना। परिणाम : अभ्यास कार्य की आदत आएगी। अनेक तरकीबें आजमाने की बजाय एक ही सही हुई तरकीब पर भरोसा करना चाहिए।
March	संशोधन	संशोधन	संशोधन

7.5.7 Grade-5 Social Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	social science(NCERT)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term-1 1.Know your planet	Collect information about earth	-understand the importance of Earth as a planet. .
May	Summer holidays	Write an account of important places in and around your neighbourhood.	
June	Term-1 1.Know your planet	Activity: Draw the map of your locality and your School. -use Symbols, colours and directions in the map.	-learn about maps, globe and shape of the earth
July	2. Parallels and Meridians 3.Major landforms	Activity: Draw important parallels (or lines of latitude in the chart Assignment: Collect information about different types of landforms	-understand the parallels and meridians. -know to locate the places on the map with reference to latitudes and longitudes. -know about various land forms.
August	4. Weather and climate 5.Towards freedom	Activity: Make a model on heat zones of earth. Assignment: Write an account of the importance of freedom.	-explain the important features of weather and climate, humidity and rainfall.. - learn to distinguish freedom and liberty.
September	6.India wins freedom	Assignment: a. Write a brief summary of important contributions and struggles of freedom fighters in getting independence. b. Write a brief essay on your favourite national leader	Explain the importance of independence, the freedom struggle. Gandhi's contribution in the struggle. Explain about how freedom fighters toiled for our nation. -learn about Gandhi's peaceful satyagraha, non cooperation and civil disobedience movements and differences between them.

October	Term-2 1.The Land of dense forests	Activity: Collect pictures about DRC	-know about the dense forests in the world, climate and vegetation prevailing in them..
November	2.The land of snow	Project: Collect pictures of wildlife in snow land	-understand the important features of snowland
December	3. The land of sand	Project: Collect different types of soil and write a few sentences on them..	-learn about prairies. and the lifestyle of the people in the Prairies.
January	4.The treeless grasslands	Assignment: Write an account of different animals and plants that live in the prairies	-Learn about the Presidents of India and UN Secretaries-General.
February	5. The World from 1914 to 1945	Write about your favourite president of India and UN secretaries-general.	
March	Revision		

7.6 Grade-6 Execution

Following are the books and notebooks for one academic year.

S#	Book Name / Notebook Specification	Type	Term
1	Tamil (VI-STD)	Textbook	Yearly
2	Honey Suckle	Textbook	Yearly
3	A Pact With the Sun (Sup)	Textbook	Yearly
4	Mathematics (VI-STD)	Textbook	Yearly
5	Science (VI-STD)	Textbook	Yearly
6	OUR PAST-HISTORY-1	Textbook	Yearly
7	THE EARTH OUR HABITATE-GEOGRAPHY	Textbook	Yearly
8	SOCIAL AND POLITICAL LIFE-1	Textbook	Yearly
9	Workbook saral hindi (VI-STD)	Workbook	Yearly

7.6.2 Grade-6 Tamil Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	தமிழ் (பாடநூல் கழகம்)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes

April	இயல் : 1 1. இன்பத்தமிழ் 2. தமிழ்க்கும்மி	தமிழ்க் கும்மி பாடலின் பொருள் யாது?	- தமிழ் மொழியை பற்றி மாணவர்கள் அறிதல் - கும்மி பாடல் பற்றி அறிதல்
May	கோடை விடுமுறை	தொலைக்காட்சியில் வரும் செய்திகளில் தினமும் 3 செய்திகளை எழுதவும்.	வெளிநடப்பு செய்திகளை தெரிந்து கொள்ளல்
June	இயல் : 1 1. இன்பத்தமிழ் 2. தமிழ்க்கும்மி 3. வளர்தமிழ் 4. கனவு பலித்தது 5. தமிழ் எழுத்துகளின் வகை தொகை	செயல்திட்டம்: 1 இன்பத்தமிழ் பாடலை வரைபடத்தாளில் எழுதவும். ஒப்படைப்பு: 1 தமிழ் எழுத்துக்களின் வகை தொகை பற்றி எழுதுக.	- தமிழ் மொழி, அதன் இனிமை & தனிச்சிறப்புகளை அறிதல் - அறிவியலை பற்றி மாணவர்கள் அறிதல் - உயிர் மெய் எழுத்துக்களை பற்றி அறிதல்
July	இயல் : 2 1. சிலப்பதிகாரம் 2. காணி நிலம் 3. சிறகின் ஓசை 4. கிழவனும் கடலும் 5. முதலெழுத்தும் சார்பெழுத்தும்	செயல்திட்டம்: 2 காணிநிலம் பாடலை வரைபடத்தாளில் எழுதவும். ஒப்படைப்பு: 2 முதல் எழுத்து சார்பெழுத்துகள் பற்றி எழுதுக.	-இயற்கையின் சிறப்புகளை மாணவர்கள் அறிதல் -இயற்கையைப் பாதுகாக்கும் வழிமுறைகள் பற்றி மாணவர்கள் அறிதல் -பறவைகளை பற்றி அறிதல் -விடாமுயற்சியை பற்றி அறிதல் -முதலெழுத்தும், சார்பெழுத்தும் பற்றி அறிதல்
August	இயல் : 3 1. அறிவியல் ஆத்திசூடி 2. அறிவியலால் ஆள்வோம் 3. கணியனின் நண்பன் 4. ஒளி பிறந்தது 5. மொழிமுதல், இறுதி எழுத்துக்கள்	செயல்திட்டம்: 3 அறிவியல் ஆத்திசூடி பாடலை வரைபடத்தாளில் எழுதவும். ஒப்படைப்பு: 3 மொழி முதல் எழுத்துக்கள் இறுதி எழுத்துக்கள் பற்றி எழுதுக.	-அறிவியல் ஆத்திசூடி பாடலை அறிதல் -அறிவியல் மனப்பான்மை, அறிவியல் கண்டுபிடிப்புகளினால் ஏற்படும் விளைவுகள் பற்றி அறிதல் -தமிழை பிழையின்றி எழுத அறிதல் -அறிவியல் வளர்ச்சி பற்றி அறிதல்
September	இயல் : 4 1. மூதுரை 2. துன்பம் வெல்லும் கல்வி 3. கல்விக்கண் திறந்தவர் 4. நூலகம் நோக்கி 5. இன எழுத்துக்கள்	செயல்திட்டம்: 4 மூதுரை பாடலை வரைபடத்தாளில் எழுதவும். ஒப்படைப்பு: 4 கல்விக்கண் திறந்த காமராசரை பற்றி எழுதுக.	-கல்வியின் சிறப்பையும் பயனையும் அறிதல் -கல்விப்பணி ஆற்றிய பெருமக்களைப் பற்றி அறிதல் -நூலகம் செல்லும் வழக்கத்தை தெரிந்து கொள்ளல் -எழுத்துக்கள் அமையும் முறையை அறிதல்

October	இயல் : 5 1. ஆசார்க்கோவை 2. கண்மணியே கண்ணுறங்கு 3. தமிழர் பெருவிழா 4. மனம் கவரும் மாமல்லபுரம் 5. மயங்கொலிகள் 6. திருக்குறள்	செயல்திட்டம்: 5 பொங்கலை பற்றி படம் வரைந்து வண்ணம் தீட்டுக. ஒப்படைப்பு: 5 மனம் கவரும் மாமல்லபுரம் பற்றி ஒரு பக்க அளவில் எழுதுக.	-நல்லொழுக்கப் பண்புகளை, நாகரிகம், பண்பாடு பற்றி அறிதல் -தமிழர் திருநாளின் சிறப்பு, தமிழரின் சிறப்பக்கலை சிறப்பு பற்றி அறிதல் -மொழியை சரியாக பயன்படுத்த அறிதல்
November	இயல் : 6 1. நானிலம் படைத்தவன் 2. கடலோடு விளையாடு 3. வளரும் வணிகம் 4. உழைப்பே மூலதனம் 5. சுட்டெழுத்துக்கள், வினா எழுத்துக்கள்	செயல்திட்டம்: 6 கடல் படம் வரைந்து அதன் பயன்களை எழுதுக. ஒப்படைப்பு: 6 உழைப்பே மூலதனம் கதையை சுருக்கி எழுதுக.	-தமிழர்களின் பண்டைய வணிகம், பல்வேறு தொழில்கள், வணிகத்தின் வளர்ச்சி நிலை, தொழில் மூலம் அடையும் முன்னேற்றம் பற்றி அறிதல் -சுட்டு எழுத்துக்கள், வினா எழுத்துக்கள் பற்றி அறிதல்
December	இயல் : 7 1. பாரதம் அன்றைய நாற்றங்கால் 2. தமிழ்நாட்டில் காந்தி 3. வேலுநாச்சியார் 4. நால்வகைச் சொற்கள்	செயல்திட்டம்: 7 இயற்கை காட்சி படம் வரைந்து வண்ணம் தீட்டுக. ஒப்படைப்பு: 7 நால்வகை சொற்கள் பற்றி எழுதுக.	-இந்திய நாட்டின் சிறப்புகளை பற்றி அறிதல் -சமூக மாற்றத்தை பற்றி அறிதல் -பெண்களின் பங்கு பற்றி அறிதல் -சொற்களின் வகைகளை பற்றி அறிதல்
January	இயல் : 8 1. பராபரக் கண்ணி 2. நீங்கள் நல்லவர் 3. பசிப்பிணி போக்கிய பாவை 4. பாதம் 5. பெயர்ச்சொல் 6. திருக்குறள்	ஒப்படைப்பு: 8 பசிப்பிணி போக்கிய பாவை பற்றிய கதையை சுருக்கி வரைக.	-பராபரக்கண்ணி பற்றி அறிதல் -வாழும் முறைகளை அறிதல் -பிறர் பசியை போக்கும் உயர் சிந்தனையை அறிதல் -பெயர்ச்சொல் பற்றி அறிதல்
February	இயல் : 9 1. ஆசிய ஜோதி 2. மனித நேயம் 3. முடிவில் ஒரு தொடக்கம் 4. அணி இலக்கணம் 5. திருக்குறள்	ஒப்படைப்பு: 9 அணி இலக்கணம் பற்றி எழுதுக.	-இரக்க குணம் பற்றி அறிதல் -உதவி செய்யும் மனப்பான்மை பற்றி அறிதல் -உறுப்பு தானத்தைப் பற்றி அறிதல் -இயல்பு நவீனம், உயர்வு நவீனம் பற்றி அறிதல்
March	வினாவிடைகளை திருப்பதல்	வினாவிடைகளை திருப்பதல்	வினாவிடைகளை திருப்பதல்

7.6.3 Grade-6 English Syllabus coverage, project/activity plan and learning outcomes.

Text Book 1 Name	NCERT-Honey suckle.		
Text Book 2 Name	Supplementary reader- A pact with the sun.		
Text Book 3 Name	Workbook-Grammarite.		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Lesson: 1-Who did Patrick's homework. Workbook : Types of sentences and nouns.	1. Summarise the story in your own words. 2. Worksheet will be given for sentences and nouns.	Students will be able to -learn to categorize nouns into common, proper, material, abstract, collective, countable and uncountable nouns - learn to make meaningful sentences and know the types of sentences. - improve speaking skill.
May	Summer holidays.	Read the story Julius Caesar and write a review on it.	
June	Lesson: 2- How the dog found himself a new master. Workbook : Adjectives and Pronouns.	Activity: Narrate the summary of how the dog found ultimately a new master. Assignment: Collect the pictures of animals in the dog family and paste them on a chart.	- develop speaking skills. - know the usage of adjectives and pronouns in sentences.
July	Poems- A House, A Home Supplementary reader: 1) A tale of two birds. 2) A friendly mongoose Workbook : Verbs.	Summarise and narrate the stories in your own words.	-understand the stories and develop speaking skill.
August	Lesson: 3 -Taro's reward Poem: 3 -The quarrel Lesson: 4 -An Indian- American women	Do a mind map for on the life history and achievements of Kalpana Chawla.	-know about the achievements of Kalpana Chawla. -read and recite the poem with proper pronunciation.

	in space- Kalpana Chawla. Workbook : Tenses.		
September	Lesson: 5 A different kinds of schools Supplementary Reader: 3. The shepherd's treasure. Poem - Where do all the teachers go? Workbook : adverbs and prepositions.	Activity: Write a paragraph on the important features of your school. Assignment: Write a summary of the story "The shepherd's treasure"	- develop the writing and creative thinking skills of students.
October	Lesson: 6 Who I am Poem: 6 The wonderful words Supplementary reader: 4) The old clock shop Workbook : Auxiliary verbs.	Group discussion about hobbies and ambition in life.	- understand the concept of the story. - develop speaking skills. - know about the usage of auxiliary words in sentences.
November	Supplementary reader: 5) Tansen 6) The monkey and the crocodile Workbook : Punctuations and Conjunction.	Summarise the stories in your own words.	- develop comprehending and speaking skills. - comprehend the story and summarise the story in their own words.
December	Lesson: 7 Fair play Supplementary reader: 7) The wonder called sleep Workbook : Reported speech.	Activity: Summarise the essence of the supplementary reader "The wonder called sleep" Worksheets will be given for reported speech.	- improve communication skills.. - become familiar with the conversion of direct speech into reported speech and vice versa..
January	Lesson: 8 A game of chance Poem: vocation. 8) A pact with the sun Workbook : Phrases and Clauses.	Draw a mind map for the story- A game of chance.	-understand the story and develop the mind map using their own words. -read and recite the poem with proper pronunciation and intonation.
February	Lesson: 9 Desert animals; Poem: What if Supplementary reader:	Activity: Collect the pictures of desert animals and their special features.	- know about the desert animals and reptiles. - learn to interconvert the sentences from one to the other voice.

	9) What happened to the Reptiles? Workbook : Active and passive voice.	Assignment: Do the worksheet on active and passive voice and their interconversion.	
March	Lesson- 10) The Banyan tree Supplementary reader: 10) A strange wrestling match. Workbook : Determiners.	Narrate the stories in your own words and also write their summaries.	-develop writing and speaking skills by narrating the stories.

7.6.4 Grade-6 Maths Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	MATHS(NCERT)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Chapter 1: Knowing Our Numbers	Activity 1: Collect advertisements from newspapers having numbers upto 8 digits, e.g., cost of property, total population of different towns, etc. and perform operations on them.	-learn to solve problems involving large numbers by applying appropriate operations (addition, subtraction, multiplication and division)
May	Summer Holidays		
June	Chapter 2: Whole Numbers Chapter 3: Playing with Numbers	Activity 2: Verify that addition and multiplication are commutative for whole numbers by paper cutting and pasting method Activity 3: Classify numbers on the basis of their properties like even, odd, etc.	-understand the properties of whole numbers. -recognize and appreciate (through patterns) the broad classification of numbers as even, odd, prime, co-prime, etc.

July	Chapter 4: Basic Geometrical Ideas Chapter 5: Understanding Elementary Shapes	Activity 4: Find the following parts of the circle by paper folding : a) Centre of circle b) Diameter and chord c) Major and Minor Segments d) Major and Minor sectors Activity 5: Make different shapes with the help of available materials like sticks, paper cutting, etc	-learn geometrical ideas like line, line segment, open and closed figures, angle, triangle, quadrilateral, circle, etc., with the help of examples in surroundings -learn to demonstrate their understanding of angles and shapes by – identifying examples of angles and shapes in the surroundings – classifying angles and shapes according to their measure and properties.
August	Chapter 6: Integers	Activity 6: Create and discuss daily life situations involving the use of negative numbers with the help of storytelling	- understand the need of using negative numbers. - learn addition and subtraction of integers.
September	Chapter 7: Fractions	Activity 7: Add like fractions by paper cutting method.	- understand the method of addition of fractions.
October	Chapter 8: Decimals	Activity 8: Observe situations in our surrounding that require the representation by fractions and decimals	-learn the concept of decimals and its representation. -learn to solve problems in daily life situations involving addition and subtraction of fractions / decimals
November	Chapter 9: Data Handling	Activity 9: Collect advertisements from newspapers showing various representations of data with the help of pie charts, bar graphs etc and read them.	- understand the need for data representation and will be able to represent it using pictograph and bar graph.
December	Chapter 10: Mensuration	Activity 10: - find the perimeter and area of a given rectangle and an irregular shape using the counting of squares method.	- understand the concepts of area and perimeter and measure them. and learn to apply the area and perimeter in their surroundings.
January	Chapter 11: Algebra	Activity 11: • Explore and generalise the need of using variables alphabets through storytelling	- understand the need for variables and will be able to express mathematical situations using variables.
February	Chapter 12: Ratio and Proportion	Activity 12: • Discuss and solve word problems that use ratios and unitary method • Compare quantities using ratios in different	-learn and appreciate the importance of ratios and unitary methods. - solve the word problems related to ratio and proportions.

	Chapter 13: Symmetry	<p>situations. e.g., the ratio of girls to boys in a particular class.</p> <p>Activity 13:</p> <ul style="list-style-type: none"> Identifying symmetrical 2- dimensional (2-D) shapes which are symmetrical along one or more lines. – creating symmetrical 2-D shapes 	<ul style="list-style-type: none"> understand line symmetry
March	Chapter 14: Practical Geometry	<p>Activity 14:</p> <ul style="list-style-type: none"> Construction of various angles and geometrical shapes using a compass box and ruler. 	-learn to construct various shapes and real life application of construction.

7.6.5 Grade-6 Science Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	NCERT (Science)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	1. Food: Where does it come from? 2. Components of food.	<p>Experiment: Find out the names of plants and their parts that are eaten as food.</p> <p>Activity: Classify the animals based on their food and make the list in a chart.</p> <p>Experiment : Test the presence of starch, fat and protein in the given food sample.</p> <p>Lab Manual: Write the experiments and conclusions in the lab manual</p> <p>Assignment : Tabulate some diseases caused by deficiency of vitamins and minerals.</p> <p>Project : Collect three food items and write the nutrients present in them.</p>	<p>-acquire the basic understanding of sources of food and importance of food.</p> <p>-know about the types of animals based on their food.</p> <p>- learn to classify the important components of food and plan a balanced diet for different age groups .</p> <p>-get an idea of deficiency diseases.</p>
May	Summer holidays.	Activity: Complete the given assignments.	

June	3. Fibre to Fabric. 4. Sorting Materials into Groups.	<p>Activity : Collect different varieties of fabrics. Paste and label them in your scrapbook appropriately.</p> <p>Project ; Make a weaving with the colour papers.</p> <p>Activity : Collect materials which are transparent, opaque and translucent and observe how much light they allow to pass through them.</p> <p>Project : Make an experiment to explain the soluble and Insoluble substances in water.</p>	<p>-gain understanding of different types of plants' fibres and the process of preparation of the fibres into fabric.</p> <p>-learn about spinning, weaving, looms, knitting.</p> <p>-know about the history of ancient clothes.</p> <p>- learn to distinguish materials on the basis of various parameters like, density, lusture, opacity, physical state etc.</p>
July	5. Separation of substances	<p>Activity : Observe the solubility of various solid substances in water.</p> <p>Project :To separate the mixture of sand and iron filling.</p> <p>Activity : To demonstrate the technique of sedimentation decantation and filtration</p>	<p>- learn the need for separation of substances in a mixture, methods of separation, use of more than one method of separation, water as a solvent, solution etc..</p> <p>-learn to choose the appropriate technique which can be applied to separate different components from a mixture.</p> <p>-get an idea of separating mixtures into useful components using various techniques such as :</p> <p>-learn about sedimentation, decantation, filtration, distillation, sieving, winnowing etc.</p>
August	6. Changes around us. 7. Getting to know plants.	<p>Activities: Observe the preparation of dishes at your home.</p> <p>Identify two changes that can be reversed.</p> <p>Project : Identify different parts in a given sample of flower.</p> <p>Activity: Take different types of root and paste them on a chart.</p>	<p>-learn about reversible and irreversible changes and how to make changes take place.</p> <p>- learn to distinguish chemical and physical changes and their characteristics.</p> <p>- know about various parts of a plant and their functions.</p> <p>- understand that a flower is the reproductive part of the plant.</p> <p>- learn about the structure, various parts of flowers and their functions..</p>

September	8. Body movements	<p>Activity : Identify the given samples of bone.</p> <p>Project : Make a hinge joint model.</p> <p>Assignment : Draw a skeleton of a Human in a chart.</p>	<p>- learn about the skeletal system, parts of the skeleton, human body and its movements, joints, muscular system, and locomotion in animals.</p> <p>- understanding of the organ systems involved in body movements is acquired by the students.</p>
October	9. The Living Organisms and their Surroundings	<p>Activity : Collect pictures of animals and plants from newspapers & magazines and classify them according to their habitats.</p> <p>Project : To observe the stages of Germination of Seed.</p>	<p>-learn about animals, plants, their habitats, components of the environment, adaptation, differences between living and non-living things.</p>
November	10. Motion And Measurement of Distances. 11. Light, Shadows and Reflections.	<p>Activity : Measure the length of a curved line using a thread or a compass.</p> <p>Project : Make a chart on the types of motion.</p> <p>Activity: Make the shadows of animals hidden in your hands.</p> <p>Project : Make a model to prove that light travels in a straight line and gets reflected from a mirror.</p>	<p>- understand the basic techniques of measurement, measurement of length, concept of rest and motion and its types..</p> <p>-acquire basic understanding of sources of light, transparent, translucent and opaque objects.</p> <p>- learn about characteristics of light and its rectilinear propagation, shadows, pinhole camera, mirrors and reflection of light</p>
December	12 Electricity and Circuits. 13. Fun with Magnets.	<p>Activity : Study the inside of a dry cell.</p> <p>Project : Differentiate an open and a closed circuit. Prepare both open and closed circuits.</p> <p>Activity: Study the directional property of a magnet.</p> <p>Project : Show that like poles, repel and unlike poles attract.</p> <p>Lab: Find out the difference between magnetic substances and non magnetic substances.</p>	<p>- learn about electric cells, electric circuits, electric bulbs, and electric torch.</p> <p>- learn to draw and prepare an electric circuit.</p> <p>-get an idea of discovery of magnet, natural and artificial magnets.</p> <p>- understand the properties of a magnet, magnetic compass,</p> <p>- learn the methods of making</p>

			a magnet, handling magnets, uses of magnets.
January	14. Water. 15. Air around us.	Activity: Find out whether the given sample is hard or soft water. Project : Make a model of the water cycle. Activities to show that: (i) Air occupies space. (ii) Air has Mass. (iii) Air is present in soil	-understand the importance of water for the survival of all creatures . - learn to draw water cycle.and how to save water . - learn the basic understanding that air is present all around us, - learn about composition of air, presence of oxygen in water and soil. - learn how to draw oxygen cycles in nature.
February	16. Garbage in and Garbage out.	Activity : Make a list of a few biodegradable items & recyclable materials. Project : To make compost of your house vegetable wastage and make fertilizer.	-learn about sources of waste, classify them into different types. - learn how garbage is generated and about its proper disposal,
March	ANNUAL EXAMINATION	ALL CHAPTERS	

7.6.6 Grade-6 Social Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Social science (NCERT)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	His: 1. What, Where, How and When	Assignment on Historians.	-become familiar with time periods in history and the sources of history.
May	Summer holidays	Read a Shakespere drama and write a review	
June	Civ:1. Understanding diversity Geo: 1. The earth in the Solar system	Make a model for the solar system.	-comprehend the value of unity in diversity and how it enriches our lives. -understand the conditions that make Earth a unique planet.

July	His:2. From hunting - Gathering to growing food Civ: 2. Diversity and discrimination Geo: 2. Latitudes and Longitudes	Assignment for diversity	-learn about the life of earliest people and their life history, prejudice, stereotypes etc, Earth's Latitudes and longitudes.
August	His: 3. In the Earliest cities Civ:3: What is Government? Geo: 3. Motions of the Earth	Assignment about the government of India.	- learn about Harrappan city, types of government, levels of government and revolution of earth.
September	His: 4. What books and burials tell us Civ: 4. Key elements of a democratic Government Geo:4 Maps	Map work	- learn about Vedas, participation, resolution of conflict and types of maps
October	His:5. Kingdoms, kings, and an early republic Civ: 5. Panchayat Raj Geo:5. Major domains of the Earth	Take a survey about your nearest panchayat.	- learn about Janapadas, Mahajanapadas gram sabha, gram panchayat,three levels of Panchayats,and components of Earth.
November	His: 6. New questions and Ideas Civ: 6. Rural administration Geo:6. Major Landforms of the earth	Assignment: Write a brief account of different types of landforms.	- learn about Buddhism, Jainism, rural administration and types of lands
December	His: 7. Ashoka, The Emperor who gave up war 8.Vital villages, thriving towns Civ: 7. Urban administration Geo:7. Our country -India	Assignment about Ashoka, the great.	- learn about Ashoka Emperor,earliest tools,Urban administration and physical divisions of India
January	His: 9. Traders, Kings and Pilgrims Civ: 8. Rural livelihoods Geo:8. India: Climate, Vegetation, and wildlife	Map work	-learn about trade and traders,Indian rural livelihoods,India's climate,vegetation and wildlife.
February	His: 10. New Empires and Kingdoms 11.Buildings,Paintings and books Civ: 8 Urban livelihoods	Collect pictures for ancient buildings.	-learn about earliest kingdoms,and ancient buildings.
March	Revision	Question answer sessions, group discussion and doubt clearing	

7.6.7 Grade-6 Hindi Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	सरल हिंदी
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Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	सामग्री: पाठ 1 प्रार्थना	राष्ट्रीय नेताओं के बारे में छोटी सी नोट्स दीजिए।	शिक्षण उद्देश्य : कविता में निहित जीवन मूल्य बताना। बच्चों में समानता बताना। भाषा की समझ व रचनात्मकता को बढ़ावा देना। परिणाम : बच्चे मानवता की भावना सीख सकेंगे। शब्द संपत्ता में वृद्धि होगी। सस्वर वाचन करने से उनमें लय के साथ गाने की कला विकसित होगी। उनमें चिंतन क्षमता विकसित होगी।
May	गर्मी की छुट्टियाँ	जल प्राणियों के बारे में एक गद्य बनाइए। गर्मी की छुट्टियाँ।	गर्मी की छुट्टियाँ
June	सामग्री : पाठ 2. कामचोर गधा	किसी भी कहावत पर आधारित कहानी लिखिए।	शिक्षण उद्देश्य: पाठ के शीर्षक की सार्थकता पर प्रकाश डालना। गधा की शारीरिक एवं अन्य विशेषताओं की जानकारी देना। परिणाम : बच्चों में पशुओं के प्रति प्रेम की भावना जागृत होगी।
July	सामग्री : पाठ 3. लाल बहादुर शास्त्री सामग्री : पाठ 4. चालाक मुरगा	अपने पसंदीदा राष्ट्रीय नेता के बारे में एक संक्षिप्त टिप्पणी लिखें।	शिक्षण उद्देश्य: पाठ के शीर्षक की सार्थकता पर प्रकाश डालना। भारत के नेताओं के बारे में समझ लेना। बच्चों से नेताओं के प्रति उनकी रुचि जानना। परिणाम : बच्चे भारत के नेताओं के विषय में समझ सकेंगे। शिक्षण उद्देश्य: बच्चों की कल्पनाशक्ति का विकास करना। पाठ पठन के लिए प्रेरित करना। परिणाम : बच्चों की चिंतन -क्षमता विकसित होगी। सामान टुकवाले शब्द और शब्द -युग्मों को सरलता से सिख पाएँगे।
August	सामग्री : पाठ 5. मेरी आदरणीय अध्यापिका सामग्री : पाठ 13 व्याकरण - ज्ञान संज्ञा	अपने पसंदीदा शिक्षक के बारे में लिखें।	शिक्षण उद्देश्य: बच्चों की कल्पनाशक्ति का विकास करना। बच्चों के मन में अध्यापक पर आदर का व्यवहार करने का क्षमकता बनाना। कविता पठन के लिए प्रेरित करना। परिणाम : बच्चों की चिंतन -क्षमता विकसित होगी। सामान टुकवाले शब्द और शब्द -युग्मों को सरलता से सीख पाएँगे।
September	सामग्री: पाठ . 6 अनपठ दीनू	जलीय जंतुओं और उनकी विशेषताओं के बारे में चित्र बनाकर लिखिए।	शिक्षण उद्देश्य: पाठ के शीर्षक पर चर्चा करना। पढाई का महत्व बताना।

			परिणामों : जीवन में पढ़ाई का स्थान समझ में लेना । बच्चे पाठ का शुद्ध उच्चारण और वाचन करना सीखेंगे
October	सामग्री : पाठ 7 उड़ने वाली मछलियाँ	एकता इसकी ताकत के बारे में एक कहानी लिखें।	शिक्षण उद्देश्य: पाठ के शीर्षक की सार्थकता पर प्रकाश डालना। मछलियों की विशेषताओं से अवगत करना। पक्षियों के बारे में जानकारी देना। परिणाम : मछलियों की विशेषताएँ बताना। बच्चे पाठ का उच्चारण और स्पष्ट वाचन करना सीखेंगे। कर्नाटक राज्य के विषय में जानेंगे।
November	सामग्री : पाठ : 8 किसान और उसके बेटे सामग्री: पाठ 9 पेड़ लगाओ	अपना काल्पनिक बगीचा बनाएं।	शिक्षण उद्देश्य : पाठ के शीर्षक की सार्थकता पर प्रकाश डालना। किसान की महत्व को समझाना। बच्चों से हरियाली के प्रति जागृत पैदा होना और उनके प्रति उनकी रुचि जानना। परिणाम: बच्चे हरियाली के विषय में जानकारी सकेंगे। शब्द संपाता में वृद्धि होगी। शिक्षण उद्देश्य : पाठ के शीर्षक की सार्थकता पर प्रकाश डालना। पेड़ लगाने के का महत्व समझाना। बच्चों से पेड़ लगाने के प्रति उनकी रुचि जानना। परिणाम : बच्चे पेड़ लगाने के विषय में जानकारी सकेंगे।
December	सामग्री : पाठ :10 लोमड़ी और उसके बेटे	अपने रविवार के अनुभव के बारे में लिखें।	शिक्षण उद्देश्य: पाठ के शीर्षक की सार्थकता पर प्रकाश डालना । लोमड़ी का दूसरा अर्थ चालाक है । इनके बारे में बच्चों को समझ लेना पड़ा । परिणाम : बच्चों में पढ़ाई के साथ साथ अन्य क्षेत्रों में भी आगे बढ़ने की ललक बढ़ेगी। कैसे चालाक मानुषय के जीवन से प्रभावित होंगे। अभ्यास के प्रश्नों को मौखिक व लिखित रूप में हल करवाएँ।
January	सामग्री : पाठ : 11 डॉ. ए.पी .जे. अब्दल कलाम ।	अपने पसंदीदा खेल के बारे में लिखें।	शिक्षण उद्देश्य: पाठ के शीर्षक की सार्थकता पर प्रकाश डालना। डॉ. ए.पी .जे. अब्दल कलाम का महत्व बताना। प्राचीन लोककथा एवं अन्य रोचक कथाओं के पठन पर बल देना।

			परिणाम : बच्चों में ईमानदारी से कार्य करने की भावना जागेगी। ईमानदारी से कर्तव्य का पालन करना सीखेंगे।
February	सामग्री : पाठ : 12 चमत्कारी चिड़िया सामग्री : पाठ 14 क्रिया	अपने स्कूल के बारे में लिखें।	शिक्षण उद्देश्य : पाठ के शीर्षक की सार्थकता पर प्रकाश डालना। चतुराई से किसी भी समस्या का समाधान किया जा सकता है। परिणाम : बच्चे सस्वर वाचन एवं गायन करके आनंदित होंगे। चतुराई से समस्या का समाधान करना सीखेंगे। नाटक एवं संवाद विधा की जानकारी होगी।
March	संशोधन	संशोधन	संशोधन

7.7 Grade-7 Execution

Following are the books and notebooks for one academic year.

S#	Book Name / Notebook Specification	Type	Term
1	Tamil (VII-STD)	Textbook	Yearly
2	Honey comp	Textbook	Yearly
3	AN ALIEN HAND-SUPPL	Textbook	Yearly
4	Mathematics (VII-STD)	Textbook	Yearly
5	Science (VII-STD)	Textbook	Yearly
6	OUR PAST II-HISTORY	Textbook	Yearly
7	OUR ENVIRONMENT- GEOGRAPHY	Textbook	Yearly
8	SOCIAL AND POLITICAL LIFE II	Textbook	Yearly
9	Workbook saral hindi (VII-STD)	Workbook	Yearly

7.7.2 Grade-7 Tamil Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	தமிழ் (தமிழ்நாடு பாடநூல்)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes

April	இயல் : 1 1. எங்கள் தமிழ் 2. ஒன்றல்ல இரண்டல்ல	ஒப்படைப்பு:1 எங்கள் தமிழ் பாடலின் பொருள் யாது? ஒப்படைப்பு : 2 ஒன்றல்ல இரண்டல்ல பாடலின் பொருள் யாது?	1. தமிழ்மொழியின் இனிமையும் வளமையும் அறிதல். 2. பழந்தமிழகத்தில் வாழ்ந்த வள்ளல்கள் வரலாற்றை அறிதல்.
May	கோடை விடுமுறை	உனக்கு தெரிந்த கதைகள் 5 தயாரித்து வரவும்.	வெளிநடப்பு செய்திகளை தெரிந்து கொள்ளல்
June	இயல் : 1 1. எங்கள் தமிழ் 2. ஒன்றல்ல இரண்டல்ல 3. பேச்சு மொழியும் எழுத்து மொழியும் 4. சொல்வடைகள் 5. குற்றியலுகரம் குற்றியலிகரம்	செயல்திட்டம்:1 எங்கள் தமிழ் பாடலை வரைபடத்தாளில் எழுதவும். ஒப்படைப்பு: 1 குற்றியலுகரம் குற்றியலிகரம் - குறிப்பு வரைக.	-பேச்சுமொழி, எழுத்து மொழியின் நுட்பங்களை அறிதல். -சொல்வடைகளில் பொதிந்துள்ள சமூக உண்மைகளைக் கண்டறிதல்
July	இயல் : 2 1. காடு 2. அப்படியே நிற்கட்டும் அந்தமரம் 3. விலங்குகள் உலகம் 4. இந்திய வனமகள் 5. நால்வகை குறுக்கங்கள் 6. திருக்குறள்	செயல்திட்டம்: 2 காடு படம் வரைந்து வண்ணம் தீட்டுக. மரம் படம் வரைந்து வண்ணம் தீட்டுக.	1. காட்டில் உள்ள இயற்கை வளங்களை தெரிந்து கொள்ளல் 2. மரம் வளர்ப்பதின் அவசியம் பற்றித் தல் 3. விலங்குகள் பற்றி தெரிந்து கொள்ளல் 4. இலக்கணம் பற்றி அறிதல்
August	இயல் : 3 1. புலி தங்கிய குகை 2. பாஞ்சை வளம் 3. தேசியம் காத்த செம்மல் 4. கப்பலோட்டிய தமிழர் 5. வழக்கு	செயல்திட்டம்: 3 புலி படம் வரைந்து வண்ணம் தீட்டுக. பாஞ்சை வளம் படம் வரைந்து வண்ணம் தீட்டுக.	1. புறநானூற்றுப் பாடலின் கருத்துக்களை அறிதல் 2. கதைப்பாடல் பகுதியைப் படித்து நயங்களை அறிதல் 3. நாட்டுப்பற்றில் சிறந்து விளங்கிய ஆளுமைகளை அறிதல் 4. சொற்களில் பயின்று வரும் வினைமுற்றுகளை அறிதல் 5. சங்கப்பாடல்களைச் படித்து கருத்தை உணரும் திறனை அறிதல்
September	இயல் : 4 1. கலங்கரை விளக்கம் 2. கவின்கு கப்பல் 3. தமிழரின் கப்பற்கலை 4. ஆழ்கடலில் அடியில் 5. இலக்கியவகைச் சொற்கள்	செயல்திட்டம்: 4 கப்பல் படம் வரைந்து வண்ணம் தீட்டுக. கலங்கரை விளக்கம் படம் வரைந்து வண்ணம் தீட்டுக.	தமிழர்களின் கப்பல் கட்டும் தொழில்நுட்ப முறை, இலக்கியங்கள் வழியை பற்றி அறிதல் மொழிபெயர்ப்புப் புதினத்தைப் படித்தறிந்து கதைகளை அறிதல் மொழியில் பயன்படுத்தப்படும் இலக்கிய வகைச் சொற்களை அறிதல்

October	<p>இயல் : 5</p> <ol style="list-style-type: none"> 1. இன்பத்தமிழ்க் கல்வி 2. அழியாச் செல்வம் 3. வாழ்விக்கும் கல்வி 4. பள்ளி மறுதிறப்பு 5. ஒரெழுத்து ஒரு மொழி, பகுபதம் 6. திருக்குறள் 	<p>செயல்திட்டம்: 5</p> <p>அழியாச் செல்வம் பாடலை வரைபடத்தாளில் எழுதவும்.</p> <p>ஒப்படைப்பு: 5</p> <p>பள்ளி மறுதிறப்பு கதையை சுருக்கி எழுதுக.</p>	<p>-கல்வியே அனைத்திற்கும் அடிப்படை என்பதனை அறிதல்</p> <p>-அழியாத செல்வம் கல்வி என்பதனை அறிதல்</p> <p>-கல்வியின்இன்றியமையா- மை பற்றி அறிதல்</p> <p>4.இளமையில் கற்கும் கல்வி ஒருவனை சான்றோனாக உருவாக்கும் என்பதை அறிதல்</p> <p>5. பகுபதம், பகாப்பதம் பற்றி அறிதல்</p>
November	<p>இயல் : 6</p> <ol style="list-style-type: none"> 1. ஒரு வேண்டுகோள் 2. கீரைப்பாத்தியும் குதிரையும் 3. பேசும் ஓவியங்கள் 4. தமிழ் ஒளிர் இடங்கள் 5. தொழிற்பெயர் 6. திருக்குறள் 	<p>செயல்திட்டம்: 6</p> <p>கீரைப்பாத்தியும் குதிரையும் பாடலை வரைபடத்தாளில் எழுதவும்.</p> <p>உனக்கு பிடித்த ஏதேனும் ஒரு ஓவியம் வரைந்து வண்ணம் தீட்டுக.</p>	<p>-இருபொருள் தரும் வகையில் அமைந்த பாடலின் சொல் நயங்களை அறிதல்</p> <p>-ஓவியக்கலையின் மேன்மையையும் அது மனித வாழ்வோடு இணைந்துள்ள நுட்பத்தை பற்றியும் அறிதல்</p> <p>-தமிழகச் சுற்றுலா இடங்களையும் அவை வெளிப்படுத்தும் கலை, பண்பாட்டுக் கூறுகளையும் அறிதல்</p> <p>-தொழிற்பெயரின் வகைகளை அறிதல்</p>
December	<p>இயல் : 7</p> <ol style="list-style-type: none"> 1. விருந்தோம்பல் 2. வயலும் வாழ்வும் 3. திக்கெல்லாம் புகழுறும் 4. திருநெல்வேலி 5. திருநெல்வேலிச் சீதையும் கவிகளும் 6. அணி இலக்கணம் 	<p>செயல்திட்டம்: 7</p> <p>வயல் படம் வரைந்து வண்ணம் தீட்டுக.</p> <p>ஒப்படைப்பு: 7</p> <p>திருநெல்வேலி பற்றி ஒரு பக்க அளவில் எழுதுக.</p>	<p>-பதினெண்கீழ்க்கணக்கு நூல்கள் காட்டும் சமூக வாழ்வியலைப் புரிந்து கொள்ளுதல்</p> <p>-எளிய நாட்டுப்புறப்பாடல்களின் ஓசை நயத்தையும் அதில் பொதிந்துள்ள சமூகச் செய்திகளையும் அறிதல்</p> <p>-திருநெல்வேலி மாவட்டத்தின் வரலாற்றையும் சிறப்புகளையும் அறிதல்</p> <p>-கருத்துக்களைத் தொகுத்துக் கடிதம் எழுதும் திறன் பற்றி அறிதல்</p> <p>-அணி இலக்கணம் பற்றி அறிதல்</p>
January	<p>இயல் : 8</p> <ol style="list-style-type: none"> 1. புதுமை விளக்கு 2. அறம் என்னும் கதிர் 3. ஒப்பரவு நெறி 4. உண்மை ஒளி 	<p>செயல்திட்டம்: 8</p> <p>புதுமை விளக்கப் பாடலை வரைபடத்தால் எழுதவும்.</p> <p>ஒப்படைப்பு: 8</p> <p>உண்மை ஒளி கதையை சுருக்கி எழுதுக.</p>	<ol style="list-style-type: none"> 1. புதுமை விளக்கு பாடலின் கருத்தை அறிதல் 2. அறம் என்னும் பாடலின் கருத்தை அறிதல் 3. அறநெறியை பற்றி விளக்குதல் 4. உண்மை ஒளி கதையை அறிதல் 5. உருவக அணி மற்றும் ஏகதேச உருவக அணி

	5. அணி இலக்கணம் 6. திருக்குறள்		பற்றி அறிதல் 6. திருக்குறளின் பொருளை அறிதல்
February	இயல் : 9 1. மழைப்பொழிவு 2. தன்னை அறிதல் 3. கண்ணியமிகு தலைவர் 4. பயணம் 5. ஆகுபெயர் 6. திருக்குறள்	செயல்திட்டம்: 9 இயற்கைக்காட்சி படம் வரைந்து வண்ணம் தீட்டுக. பயணம் கதையை சுருக்கி எழுதுக	-மழைப்பொழிவின் பாடலின் கருத்தை அறிதல் -தன்னை அறிதல் கவிதை பற்றி அறிதல் -காயிதே மில்லத்தின் வாழ்க்கை வரலாறு ரிதல் -பிறருக்கு உதவி செய்யும் பண்பை பற்றி அறிதல் -ஆகுபெயரை பற்றி அறிதல்
March	வினாவிடைகளை திருப்பதல்	வினாவிடைகளை திருப்பதல்	வினாவிடைகளை திருப்பதல்

7.7.3 Grade-7 English Syllabus coverage, project/activity plan and learning outcomes.

Text Book 1 Name	HONEYCOMB		
Text Book 2 Name	AN ALIEN HAND		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Prose: Three Questions Poem: The Squirrel Grammar: The parts of speech, 'Do' verbs Framing questions.	1. Assignment: Classify the usage of 'Do verbs' and 'Be' verbs. 2. Summary writing: Three Questions.	-comprehend the King's three questions. -understand the three things in human life. -develop interest in doing their work with curiosity and enthusiasm. -understand the usage of 'Do' verbs.
May	Summer Holidays.	Read the book: Up from slavery by Buker T Washington and write a review.	
June	Prose: A Gift of Chappals Supplementary Reader: The Tiny Teacher Grammar: Prepositions Supplementary Reader: Bringing up Kari.	1.Narrate the summary of: "Bringing up Kari". 2. Summarise the contents of "The Tiny teacher".	-learn to distinguish the love between parents and children. and understand the innocence of the children. - know the arrival of Kari in the narrator's life. - learn to use proper prepositions.

July	Prose: Gopal and the Hilsa fish. Poem: The Rebel Grammar: Tenses (Present, Past, Future and Present Continuous) Supplementary Reader: The Desert	1. Speech: 'If I were a Rebel' 2. Write a brief summary of the book: "The desert".	- learn about using the presence of mind. Supplementary Reader: The value of life in the desert area. - learn about the given tenses.
August	Supplementary Reader: The cop and the anthem. Poem: The Shed, Chivvy Grammar: Determiners Prose: The ashes that made trees bloom.	1. Narrating Summary: The ashes that made trees bloom 2. Assignment: Write a short note about 'Chivvy'.	- Understand the wishes of the tree. - comprehend the value of life. - learn the importance of leading an honourable life. - understand the value of instructions of elderly people for the children.
September	Prose: Quality. Supplementary Reader: Golu grows a nose Grammar: Active and Passive voice	Assignment: Change the voice of the given sentences.	- learn about the author's sympathy for a talented and skilled shoemaker. - understand Golu's advantages of a long nose. - learn to apply the correct voice in a given situation.
October	Prose: Expert Detectives. Supplementary Reader: I want something in a cage. Poem: Trees Grammar: Modals	Make a poster on: 'The importance of trees'.	- understand the value of gathering information. - learn that trees are life givers. - learn The importance of freedom.
November	Poem: Mystery of the talking fan Supplementary Reader: Chandini Grammar: Articles Prose: The invention of Vita-Wonk	Paragraph writing: Write a short note on 'Vita-Wonk'. and 'Chandini'	- understand the poet's view about the fan. - develop writing skills. - comprehend the uses of Vita-wonk. - learn to use the proper articles in sentences.
December	Poem: Dad and the cat and the tree. Supplementary Reader: The Bear story Grammar: Reported speech Prose: Fire: Friend and foe	Speech: i. Fire: Friend and Foe. ii. The Bear story	- Understand about the safety plan. - feel the love between the lady and the harmless bear. - learn to control fire and make good use of it in everyday life. - learn to apply the rules to convert voice in given sentences.
January	Poem: Meadow surprises. Prose: A Bicycle in good repair. Grammar: 'If' clauses	Narrating summary: 'A tiger in the house'. Do the worksheet on 'if' clauses	- realise the value of nature. - understand the friend's confidence and hopeful attitude. - understand the love between grandfather and the

	Supplementary Reader: A Tiger in the House.		Timothy tiger. - learn the 'if' clauses..
February	Supplementary Reader: An Alien Hand Prose: The story of cricket. Poem: Garden Snake Grammar: Reported Speech.	Give a brief summary of "An alien hand" Essay writing: The story of cricket.	-comprehend the underground home. -understand the surface of the planet. -comprehend the history of cricket. -now the impact of TV coverage on cricket. -know the traditional belief on snakes..
March	ANNUAL EXAMINATION		

7.7.4 Grade-7 Maths Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	MATHS (NCERT)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Chapter 1 - Integers	Activity – 1 Make an integer box. Activity – 2 Make a chart on properties of Integers Addition, Subtraction, Multiplication and Division.	Students would be able to: - perform various operations on integers. - comprehend and analyze the word problems involving integers.
May	Summer Holidays Homework: Integrated Project: Legends of India		
June	Chapter 2 - Fractions and Decimals	Activity – 3 - Use legos or mega blocks to represent fractions. - Make fractions "BINGO". - Multiply of fractions by paper folding. Activity – 4 Multiply decimal numbers using graph sheets.	- visualize operations involving fractions. - generalize shortcuts to perform various operations in fractions. - comprehend and analyze the word problems involving fractions. - learn the basic operations on Decimals.

July	Chapter 3 - Data Handling	Activity – 5 Collect various data from neighboring classes and organize, analyze the data using bar graphs. Activity – 6 Find out the mean and median of birthdays of your 5 friends.	<ul style="list-style-type: none"> - organize the data. - judge the best way of finding the central tendency of data. - draw double bar graphs and interpret them. - calculate the probability of an event in various situations.
August	Chapter 4 - Simple Equations Chapter 5 - Lines and Angles	Activity – 7 Solve the given linear equation by paper cutting & pasting. Activity – 8 - Identify the conditions under which a given pair of angles are complementary. - Identify the conditions under which a given pair of angles is supplementary.	<ul style="list-style-type: none"> - transpose values from one side of the equation to the other side with ease. - solve simple equations in one variable. - recall the name of the relation in two given angles. - find the value of the required angle. - decide if the given lines are parallel.
September	Chapter 6 - The Triangle and its Properties	Activity – 9 Verify that the sum of all the interior angles of a triangle is 180° by paper cutting and pasting. Activity – 10 - Get a median of a triangle from any vertex, by paper folding. - Verify that in a triangle, medians pass through a common point, by paper folding.	<ul style="list-style-type: none"> - Illustrate angle sum property and exterior angle property of triangle. - Judge if a triangle is possible from given three lengths. - state Pythagoras theorem. - apply Pythagoras theorem in various problems.

October	Chapter 7 - Congruence of Triangles	<p>Activity – 11 Collect any five pairs of things which are congruent to each other and paste them on a chart.</p> <p>Activity – 12 Verify that a triangle can be drawn only if the sum of lengths of any two sides is greater than the third side, using broom sticks for the set 1: 5 cm, 7cm, 11 cm.</p>	<ul style="list-style-type: none"> - identify congruence in two objects. - establish congruence criterion for triangles. - appreciate that only three elements of two triangles are sufficient to find their congruence. - judge if the given two triangles are congruent.
November	Chapter 8 - Comparing Quantities Chapter 9 - Rational Numbers	<p>Activity – 13 Discuss the shopping experience of students during the festive sale.</p> <p>Activity – 14 Make a chart to find the differences between Rational numbers and Integers.</p>	<ul style="list-style-type: none"> - find the ratio between two quantities. -solve problems using a unitary method. - apply the idea of percentage, profit, loss and simple interest and total amount.. - calculate the profit and loss percentages. - state the definition of rational numbers. - plot rational numbers on the number line. - describe the properties of rational numbers and express them in general form. - perform operations on rational numbers. - reach to the conclusion that between any two rational numbers, there lies infinite rational numbers. - perform various mathematical operations on rational numbers.
December	Chapter 10 - Practical Geometry Chapter 12 - Algebraic Expressions	<p>Activity – 15 Make a chart to construct a triangle for SSS criterion and SAS criterion. What do we observe?</p> <p>Activity – 16 - Write the Assignment to explain about the types of Expression with an example. - Create a poem to memorize formulas.</p>	<ul style="list-style-type: none"> - construct simple triangles when three out of six elements are given (like three sides, two sides and included angle, a side and two angles etc.) - construct parallel lines.and triangles. - add to and subtract from given algebraic expressions. - find the value of algebraic expression of a given variable. - produce formulae and rules using algebraic expressions.

January	Chapter 11 - Perimeter and Area	Activity – 17 - Find the area of a circle by paper cutting and pasting. - Find and mark the edges and vertices of solid shapes. - Calculate the perimeter and area of the different rooms of your house.	- find perimeter and area of i) squares, rectangles, triangles, parallelograms and circles. ii) area of cross roads. - differentiate between the area and perimeter. - State various related formulae. - calculate the area and perimeter of different diagrams using the above formulae.
February	Chapter 13 - Exponents and Powers Chapter 14 - Symmetry	Activity – 18 Make a chart to write the Laws of Exponents. Activity – 19 - Make a list of alphabets and numbers from 1 to 30 that are symmetrical and non-symmetrical. - Identify lines of symmetry and order of symmetry in square, rectangle, parallelogram, isosceles triangle & equilateral triangle. FIELD WORK: Take the students to the school grounds and garden to collect a few things which they find beautiful and attractive, pointing out that those objects are actually symmetrical. Appreciate the beauty of symmetrical objects.	- convert a number in exponential form. - state various laws of exponents. - solve mathematical problems involving powers. - find the line of symmetry or the order of rotational symmetry in any real-life object.
March	Chapter 15 - Visualising Solid Shapes	Activity – 20 Make a cuboid, a cylinder and a triangular prism by drawing its net.	- know plane and solid figures. - learn the use of nets for building 3-D shapes. - construct solid shapes from paper by drawing it's net.

7.7.5 Grade-7 Social Science Syllabus coverage, project/activity plan and learning outcomes.

Text Book 1 Name	Social and Political Life
Text Book 2 Name	Our Pasts II

Text Book 3 Name			
Our Environment			
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	His:1. Tracing Changes Through A Thousand Years		Students will.... - learn about New and old terminologies, old and new religions, lifestyles of people and the facilities they enjoyed etc
May	Summer holidays - Write an account of living conditions of your grandparents by talking to them and compare with the lifestyle we enjoy now. How do you feel about living with modern facilities?		
June	Civ:1. On Equality Geo:1. Environment	Write and assignment on equality	-learn about equality, natural environment and human environment
July	His:2. New Kings and Kingdoms Civ:2 Role of the government in Health Geo:2. Inside our Earth	Project: "Inside earth"	-learn about the emergence of new dynasties, administration in the kingdoms, public and private health services -learn about rocks and minerals
August	His:3. The Delhi Sultans Civ:3. How the state government works Geo:3. Our changing Earth	Write an assignment on Tamil Nadu government and its policies to help the downtrodden.	-learn about the rulers of Delhi, know about the working of the government -understand the major landforms of the earth.
September	His:4. The Mughal Empire Civ:4. Growing up as boys and girls Geo:4. Air	Assignment: i. Write an assignment on the Mughal Empire ii. Importance of air, its pollution, greenhouse effect and ozone depletion.	-learn about Mughal emperors -learn about the composition of atmosphere, weather and climate - learn about air, its pollution, greenhouse effect etc..
October	His:5. Rulers and buildings Civ:5. Women change the World Geo:5. Water	Assignment: i. Collect information about ancient rulers ii. Write a brief account of women in at least 5 different fields who made a great impact on society.	-learn about engineering skills and construction -understand distribution of water-bodies, ocean circulation and ocean currents

November	His:6. Towns, Traders, and craft persons Civ:6. Understanding Media Geo:6. Natural vegetation and wildlife	Write an assignment on: i. media and its effects on the lives of people. ii. natural vegetation and wildlife.	-know about Administrative centres (Hampi,Masulipatnam,and Surat),and, traders -understand media and technology, -learn about forests, grasslands and wildlife.
December	History: 7. Tribes, Nomads and Settled Communities 8.Devotional Paths to the divine Civics: 7. Markets around us Geography: 7. Human Environment -Settlement, Transport, and communication	Assignment for Transport and communication	learn about tribal societies,Markets,Human environment,Transport and communication
January	His:9. The making of regional cultures Civ:8. A shirt in the market	Map work	understand about Nayanmars and Alvars philosophy and bhakti saints,religious,product of shirt and life of South America
February	Geo:8. Human- Environment Interactions (The tropical and subtropical). Geo: 9.Life in the deserts	Do the given worksheet on	-know about human environment interactions and their effect on the living conditions of people. - life in deserts.
March	Revision and Annual Examination		

7.7.6 Grade-7 Science Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	SCIENCE (NCERT)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Chapter 1 - Nutrition in Plants. 1. Mode of nutrition in plants 2. Photosynthesis 3. Other modes of nutrition in plants 4. How nutrients are replenished in the soil.	1. Project - Write about Photosynthesis with a diagram in A4 sheet. 2. Activity - Collect 5 food items and write the nutrients present in them.	Students will be able to... - learn about types of nutrition in plants - know about parasitic, insectivorous and saprotrophs.

May	Summer holidays	Summer holidays Project:Poster making photosynthesis.	
June	Chapter 2 - Nutrition in Animals. 1. Different ways of taking food 2. Digestion in humans 3. Digestion in grass eating animals 4. Feeding and digestion in Amoeba.	1.Project - To prepare a chartwork on the human digestive system. 2. Assignment - Know about different types of teeth in animals and paste relevant pictures.	- get an idea about types of nutrition in animals --study about the human digestive system.
July	Chapter 3 - Fibre to Fabric. 1. Animal fibers - wool and silk 2. From fibre to wool 3. From cocoon to silk. Chapter 4 - Heat. 1. Hot and cold 2. Measuring temperature with thermometers 3. Transfer of heat 4. Kinds of clothes we wear in summer and winter.	Activity - i. Collect pictures of animals whose hair is used as wool. ii. On a hot summer day wear cotton clothes for an hour and later woolen clothes for another hour. Which one do you find comfortable? Why”	- learn about the process of extracting fibres from animals - Learn about various thermometers - Aware of different ways of transferring heat.
August	Chapter 5 - Acids, Bases and Salts. 1. Acids and bases 2. Natural indicators around us 3. Neutralisation in everyday life. Chapter 6 - Physical and Chemical Changes. 1. Physical changes 2. Chemical changes 3. Rusting of iron 4. Crystallisation.	1. Assignment - Write briefly on the properties of Acids, Bases and Salts in A4 sheet. 2. Activity - Observe some physical and chemical changes. Conclude which ones can be reversed.	- learn about acids, bases, neutralisation and salts -know about physical and chemical changes.
September	Chapter 7 - Weather, Climate and Adaptations of Animals to climate. 1. Weather 2. Climate and adaptation Chapter 8 - Winds, Storms and Cyclones. 1. Air exerts pressure 2. Air expands on heating 3. Thunderstorms and cyclones 4. Effective safety measures.	1. Assignment - Mark polar and tropical regions on map. 2. Activity - Blow the balloons and find that air exerts pressure.	- know about weather and climate and adaptation - learn that air exerts pressure - understand how a thunderstorm becomes a cyclone.
October	Chapter 9 - Soil 1. Soil profile 2. Types and properties of soil 3. Soil and crops. Chapter 10 - Respiration in Organisms. 1. Why do we respire? 2. Breathing	1. Activity - collect different types of soil and paste them on a chart. Write below each soil, which crops will grow well in that soil 2. Assignment - How do we breathe and	- know about different types of soil and the crops that can grow well in each soil. - study about breathing and respiration in man and other animals.

	3. How do we respire? 4. Breathing in other animals.	respire? Explain how corona virus affects breathing and cripples patients?	
November	Chapter 11 - Transportation in Animals and Plants. 1. Circulatory system 2. Excretory system in humans 3. Transport of substances in plants 4. Transpiration Chapter 13 - Motion and Time. 1. Speed 2. Measurement of time 3. Measuring speed 4. Distance-time graph.	1. Activity - Find out about blood groups and their importance. 2. Assignment - Write briefly about the types of motion.	- know about circulatory and excretory systems in man - learn about excretion in animals and man - understand about transportation of substances in plants. - study about types of motion, speed and time and graphical representation and its uses.
December	Chapter 12 - Reproduction in Plants. 1. Modes of reproduction 2. Sexual reproduction Chapter 14 - Electric Current and its Effects. 1. Symbols of electric components 2. Heating effect of electric current 3. Electromagnet 4. Electric bell.	1. Project - Take a China rose flower and separate its reproductive parts. Study the various parts of its stamen and pistil. 2. Activity - Make a chart on the symbols used to represent some electric circuit components.	- study about modes of reproduction - know about sexual reproduction in plants - learn about symbols of electric components - understand the magnetic effect of electric current.
January	Chapter 15 - Light. 1. Light travels through a straight line 2. Reflection of light 3. Images formed by lenses 4. Sunlight - White or coloured? Chapter 16 - Water: A Precious Resource. 1. Forms of water 2. Depletion of water table 3. Water management 4. Effects of water scarcity on plants.	1. Project - Make a rainbow. 2. Activity - Rainfall map of India.	-learn about the properties of light - study about reflection of light - know about images formed by lenses - learn about how much water is available in our Earth - learn about water management.
February	Chapter 17 - Forests: Our Lifeline. - Visit a forest.	1. Activity - Observe various things in your home and make a list of those which are made from materials which may have been obtained from the forest.	- learn about conservation of forests. - know about different types of forests.

March	REVISION AND ANNUAL EXAMINATION
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7.7.7 Grade-7 Hindi Syllabus coverage, project/activity plan and learning outcomes.

Text Book 1 Name	सरल हिंदी		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	सामग्री: पाठ: 1 विनती	मनुष्य को अभ्यास के आधार पर कहानी लिखने के लिए प्रेरित करता है, मनुष्य को परिपूर्ण बनाता है।	शिक्षण उद्देश्य : मानवता की भावना जागृत करना । अपने आस – पड़ोस से अच्छी सीख लेकर उसे जीवन में प्रयोग में लेना । परिणाम: बच्चे कविता का वाचन सीख सकेंगे। अभ्यासों और क्रियाकलापों द्वारा सोचने – समझने और पढ़ने – लिखने की क्षमता बढ़ेगी
May	गर्मी की छुट्टियाँ	व्यवहारिक जीवन के बारे में एक कहानी लिखिए । गर्मी की छुट्टियाँ ।	गर्मी की छुट्टियाँ
June	सामग्री : पाठ : 2 अभ्यास का चमत्कार	अभ्यास पर आधारित कहानी लिखिए जो मनुष्य को पूर्ण बनाती है।	शिक्षण उद्देश्य : अभ्यास में होनेवाला परिवर्तन के विषय में बताना। अभ्यास की विशेषताओं से परिचित कराना । परिणाम: अभ्यास करने से होनेवाले की कल्पना शक्ति का विकास होगा । चिंतन क्षमता की वृद्धि होगी ।
July	सामग्री : पाठ : 3 बंदर और टोपी बेचनेवाला । सामग्री : पाठ : 4 महात्मा गाँधी	अपने के बारे में लिखें पसंदीदा राष्ट्रीय नेता।	शिक्षण उद्देश्य : चतुराई के महत्व पर बात बताना । चतुराई से अपने और अपने चीजों को कैसे बचने की सीख लेना । परिणाम : बच्चों में सीखने के प्रति सम्मान की भावना प्रबल होगी । बच्चों की कल्पना शक्ति का विकास होगा । उनकी चिंतन क्षमता की वृद्धि होगी । शिक्षण उद्देश्य : देश पिता के बारे में और उनका महत्व बताना वरिष्ठ नागरिकों को सम्मान देने की सीख देने । अकेले रहनेवाले या वृद्धजनों की मदद करना । परिणाम : बच्चे मानवता की भावना सीख सकेंगे ।

			शब्द संपत्ता में वृद्धि होगी। वे वृद्धों का सम्मान करना सीखेंगे।
August	सामग्री : पाठ - 5 आपसी मदद सामग्री : पाठ - 12 व्याकरण - ज्ञान - संज्ञा	अपने आसपास का चित्र बनाएं।	शिक्षण उद्देश्य : पाठ के शीर्षक पर चर्चा करवाना। विषम परिस्थितियों में भी विचलित नहीं होना। परिणाम : बच्चे मनवता की भावना सीख सकेंगे। मानव आपस में मदद करने की सीख लेना। शब्द संपत्ता में वृद्धि होगी। व्याकरण ज्ञान प्राप्त होंगे।
September	सामग्री : पाठ : 6 मछुआरे का इनाम।	अपने बचपन की यादों के बारे में लिखें।	शिक्षण उद्देश्य : इमानदारी होने से मिलने का लाभ परिचित होना। जीवन में अनुशासन का महत्व बताना अनुशासन मानव जीवन का सार है – इस तथ्य को समझाना। परिणाम : इमानदार बनने का प्रयत्न होना। बच्चों में अनुशासन की भावना जागेगी। वे नियमों का पालन करना सीखेंगे। घर, विद्यालय एवं सड़क पर वे अनुशासित रहेंगे।
October	सामग्री 7. जीवन का सच	सत्य के महत्व के बारे में एक कहानी लिखें।	शिक्षण उद्देश्य : जीवन में होने वाले जन्म और मृत्यु के समझ लेना। किसी भी मुश्किल का चतुराई से समाधान निकालना। परिणाम : बच्चे जीवन चक्र में जन्म और मृत्यु निश्चित का सच्चाई समझ लेना। चतुराई समझकर समस्या का हल बुद्धिमत्ता और चातुर्य से करने का प्रयास करेंगे।
November	सामग्री: 8 चतुर रामनारायण सामग्री: 9 भूमंडलीय उष्मण	ग्लोबल वार्मिंग को रोकने के उपाय लिखिए।	शिक्षण उद्देश्य : कविता के शीर्षक की सार्थकता पर प्रकाश डालना। कविता के माध्यम से कोयल पक्षी के विषय में बताना। कविता में निहित भाव समझाना। परिणाम: बच्चों की चिंतन क्षमता विकसित होगी। शिक्षण उद्देश्य : पाठ के शीर्षक पर चर्चा करवाना। योग करने से होनेवाली लाभ की जानकारी देना योग के विभिन्न आसन और प्राणायाम के विषय बताना। परिणाम: नियमित रूप से योग करने की भावना होगी।

December	सामग्री : 10 आलसी टिंडा	अपनी पसंदीदा जगह के बारे में लिखें।	शिक्षण उद्देश्यों: पाठ के शीर्षक की सार्थकता पर प्रकाश डालना। हँसने से लाभ के बारे में बताना। हँसने के व्यक्ति स्वस्थ रहता है परिणाम : प्रसन्ना चित्त रहजा सकता है अर्थात् प्रसन्ना था स्वस्थ रहने का मूल मंडरा है इस तथ्य से अवगत होंगे
January	सामग्री :पाठ - 11 गाँधीजी के तीन बंदर सामग्री :पाठ - 13 पर्यायवाची शब्द	अपनी बहन की शादी को आमंत्रित करने के लिए अपने मित्र को पत्र लिखिए।	शिक्षण उद्देश्यों :कविता के द्वारा अनुशासन के बारे में छात्र स्वयं सीख लेते हैं। पत्र लेखन के विषय में बताना सन्देश भेजने के तरीकों पर विचार करना। परिणाम :बच्चे देश की आजादी के आंदोलन में भाग लेने अनेक वीर और नेताओं के बारे में ज्ञात होना।
February	सामग्री :पाठ - 14 अनेक शब्दों के लिए एक शब्द सामग्री :पाठ - 15 रचनात्मक क्रियाकलाप	अपने काल्पनिक बगीचे को ड्रा करें।	शिक्षण उद्देश्यों :कविता के द्वारा अनुशासन के बारे में छात्र स्वयं सीख लेते हैं। पत्र लेखन के विषय में बताना सन्देश भेजने के तरीकों पर विचार करना। परिणाम :बच्चे देश की आजादी के आंदोलन में भाग लेने अनेक वीर और नेताओं के बारे में ज्ञात होना।
March	संशोधन	संशोधन	संशोधन

7.8 Grade-8 Execution

Following are the books and notebooks for one academic year.

S#	Book Name / Notebook Specification	Type	Term
1	Tamil (VIII-STD)	Textbook	Yearly
2	HONEY DEW-ENGLISH	Textbook	Yearly
3	IT SO HAPPENED -SUPP	Textbook	Yearly
4	Mathematics (VIII-STD)	Textbook	Yearly
5	Science (VIII-STD)	Textbook	Yearly
6	Our Past-III	Textbook	Yearly
7	Social and Political Life	Textbook	Yearly

8	Resources and Development	Textbook	Yearly
9	Workbook saral hindi (VIII-STD)	Workbook	Yearly

7.8.2 Grade-8 Tamil Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	தமிழ் (தமிழ் பாடநூல்)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	இயல்-1 1. தமிழ் மொழி வாழ்த்து 2.தமிழ் மொழி மரபு	செயல்திட்டம் -1 1. ஐம்பூதங்களின் படங்களைச் சேகரித்து படத்தொகுப்பு உருவாக்குக. 2. ஒரெழுத்து ஒரு மொழி சொற்கள் இடம் பெறுமாறு ஐந்து தொடர்கள் எழுதுக.	1. தமிழ்மொழியின் மரபுகளை அறிந்து பயன்படுத்துதல். 2. ஒரெழுத்து ஒரு மொழி அடிப்படையாகக் கொண்டு சொல்லாட்சித் திறன் வளர்த்தல்.
May	கோடை விடுமுறை	1. பறவைகளின் ஒலி மரபுகளை எழுதி வருக. 2. பழைய வரி வடிவ சொற்களை எடுத்து எழுதி அவற்றை இன்றைய வரி வடிவில் மாற்றி எழுதி வருக. 3. தமிழில் ஒரெழுத்து ஒரு மொழிகளின் பெருக்கம் குறித்து இளங்குமரனார் கூறும் செய்திகளை எழுதுக	
June	இயல் -1 3. தமிழ் வரி வடிவ வளர்ச்சி 4. சொற்புங்கா 5. எழுத்துக்களின்பிறப்பு	செயல்திட்டம் -2 சொற்புங்கா துணைப்பாடத்தில் ஒரெழுத்து ஒரு மொழிகள் இடம் பெறும் 10 தொடர்களை எழுதுக	1. சொற்களின் பிறப்புமுறைகளை அறிந்து உரிய முறைகளில் ஒலித்தல். 2. தமிழ் எழுத்துக்களின் வளர்ச்சி நிலைகளை அறிதல்.

July	<p>இயல் - 2</p> <ol style="list-style-type: none"> 1. ஓடை 2. கோணக்காத்துப்பாட்டு 3. நிலம் பொது 4. வெட்டுக்கிளியும் சருகுமானும் 5. வினைமுற்று 6. திருக்குறள் 	<p>செயல்திட்டம் - 3</p> <p>இயற்கையோடு இணைந்து வாழும் மனித வாழ்வு பற்றி "ஓடை" என்னும் பாடலை வரை படத்தாளில் எழுதுக.</p>	<ol style="list-style-type: none"> 1. நாட்டுப்புறப் பாடல்கள் வழி மக்களின் உணர்வுகளை அறிதல். 2. பழங்குடியினர் இயற்கையைப் போற்றும் உணர்வை அறிந்து பின்பற்றுதல். 3. மொழிபெயர்ப்பு படைப்புகளின் மூலம் நல் உணர்வுகளை உணர்ந்து மதித்தல் 4. வினைமுற்று சொற்களின் வகைகளை அறிந்து பயன்படுத்துதல்.
August	<p>இயல் - 3</p> <ol style="list-style-type: none"> 1. நோயும் மருந்தும் 2. வருமுன் காப்போம் 3. தமிழர் மருத்துவம் 4. தலைக்குள் ஓர் உலகம் 5. எச்சம் 	<p>ஒப்படைவு - 1</p> <p>"வாழ்க" என்னும் சொல்லை ஐந்து பால் வழியும் மூன்று இடங்களிலும் இடம் பெறுமாறு தொடர்களாக எழுதுக.</p>	<ol style="list-style-type: none"> 1. உடலின் சிறப்பையும், உடல் ஓம்பும் முறைகளையும், இலக்கியங்கள் வழி அறிதல். 2. தமிழர் மருத்துவத்தின் தொன்மைகளையும் சிறப்புகளையும் அறிந்து கொள்ளுதல். 3. மூளையின் செயல்பாடுகள் பற்றிய புதுமையான செய்திகளை தெரிந்து கொள்ளுதல். 4. எச்ச சொற்களின் வகைகளை அறிந்து பயன்படுத்துதல்
September	<p>இயல் - 4</p> <ol style="list-style-type: none"> 1. கல்வி அழகே அழகு 2. புத்தியைத் தீட்டு 3. பல்துறை கல்வி ஆன்ற 4. குடிப்பிறத்தல் 5. வேற்றுமை 	<p>செயல்திட்டம்-4</p> <p>திருவள்ளுவரின் படம் வரைந்து அவருடைய வாழ்க்கை குறிப்புகளை வரைபடதாளில் எழுதவும்.</p>	<ol style="list-style-type: none"> 1. நீதி நூல்களைப் படித்து அறக்கருத்துகளை வாழ்வில் பின்பற்றுதல். 2. திரையிசைப் பாடல்களில் உள்ள நற்கருத்துகளை அறிந்து கொள்ளுதல். 3. பல்துறைக்கல்வி பற்றி அறிந்து அவற்றை கற்றுக்கொண்டு வாழ்வில் உயர்ந்து சிறப்பைப் பெறுதல்
October	<p>இயல் - 5</p> <ol style="list-style-type: none"> 1. திருக்கேதாரம் 2. பாடறிந்து ஒழுகுதல் 3. நாட்டுப்புற கைவினை கலைகள் 4. தமிழர் இசைக்கருவிகள் 	<p>ஒப்படைவு - 2</p> <p>ஐம்பெருங் காப்பியங்கள், ஐஞ்சிறுகாப்பியங்கள் ஆகியவற்றின் நூல்களின் பெயர்களைத் தொகுத்து</p>	<ol style="list-style-type: none"> 1. இலக்கியங்களில் இடம்பெற்றுள்ள இசைப் பற்றியச் செய்திகளை அறிந்து போற்றுதல். 2. சங்ககாலத் தமிழரின் பண்பாடு பற்றிய கருத்துகளை

	5. தொகைநிலை, தொகா நிலைத் தொடர்கள்	A4 தாளில் இரண்டு பக்க அளவில் எழுதுக.	அறிந்து வாழ்வில் பயன்படுத்துதல். 3. கைவினைக் கலைகளில் சிறப்புகளை அறிந்து அவற்றை வளர்த்தல். 4. பழந்தமிழர் பயன்படுத்திய இசைக்கருவிகளின் நுட்பங்களைப் புரிந்து கொள்ளுதல்
November	இயல்-6 1. வளம் பெருகுக 2. மழைச் சோறு 3. கொங்குநாட்டு வணிகம் 4. காலம் உடன் வரும் 5. புணர்ச்சி	செயல்திட்டம் - 5 புணர்ச்சியின் வகைகளை வரைப்படத்தாள்களில் எழுதுக.	1. நாட்டுப்புறப்பாடல்கள் வழி தமிழரின் பண்பாட்டினை அறிந்து கொள்ளுதல். 2. தமிழரின் வணிகம் தொடர்பான செய்திகளை அறிந்து போற்றுதல். 3. தொழில்களின் வகைகள் தெரிந்து கொள்ளுதல். 4. புணர்ச்சி விதிகளை அறிந்து சொற்களைப் பிழையில்லாமல் எழுதிப் பழகுதல்.
December	இயல் -7 1. படை வேழம் 2. விடுதலைத் திருநாள் 3. பாரத ரத்னா எம். ஜி. ராமச்சந்திரன் 4. அறிவுசால் ஒளவையார் 5. வல்லினம் மிகும் இடங்களும், மிகா இடங்களும்	செயல்திட்டம் - 6 தமிழக முதலமைச்சர் களின் பெயர்களை A4 தாளில் பட்டியலிடுக. ஒப்படைவு -3 எம்.ஜி.ஆர் நடித்த திரைப்படங்களில் உள்ள சமூக நலன் சார்ந்த பாடல்களை எவையேனும் ஐந்து தொகுத்து எழுதுக.	1. சிற்றிலக்கியங்களில் உள்ள இலக்கிய நயங்களை அறிந்து கொள்ளுதல். 2. தேசிய விழாக்களின் சிறப்பினை உணர்ந்து கொண்டாடுதல். 3. நாட்டுக்கு உழைத்த நல்லோர்கள் வாழ்க்கையைப் பற்றி அறிந்து அவற்றை பின்பற்றுதல். 4. வல்லினம் மிகும் இடங்களும், மிகா இடங்களும், பற்றி தெரிந்து கொள்ளுதல்

January	இயல்-8 1. ஒன்றேகுலம் 2. மெய்ஞான ஒளி 3. அயோத்திதாசர் சிந்தனைகள் 4. மனித எந்திரம் 5. யாப்பிலக்கணம் 6. திருக்குறள்	செயல்திட்டம் - 7 சமூக சீர்திருத்தத்திற்கு பாடுபட்ட சான்றோர் களின் பெயர்கள் வரைபடத்தாளில் எழுதுக. ஒப்படைவு - 4 நாட்டின் வளர்ச்சியில் இளைஞர்களின் பங்கு என்ற கட்டுரையை எழுதுக.	1. அற நெறிகளைக் கூறும் நூல்களை கற்று அவை கூறும் கருத்துக்களைப் பின்பற்றுதல். 2. அயோத்திதாசரின் சிந்தனைகள் வழியாக சமூக சீர்திருத்த கருத்துகளை அறிந்து கொள்ளுதல். 3. யாப்பிலக்கணச் செய்திகளை அறிந்து கவிதை வடிவங்களாக அறிந்து கொள்ளுங்கள்.
February	இயல்-9 1. உயிர்க்குணங்கள் 2. இளைய தோழனுக்கு 3. சட்டமேதை அம்பேத்கர் 4. பால் மனம் 5. அணி இலக்கணம்	செயல்திட்டம் - 8 தமிழ் இலக்கியங்கள் காட்டும் சான்றாண்மை கருத்துக்களைத் தொகுத்து ஒரு பக்க அளவில் எழுதுக.	1. பாவை நூலின் வழியாக மனிதர்களின் இயல்புகளை அறிந்து கொள்ளுதல். 2. தன்னம்பிக்கையின் இன்றியமையாமையை புதுக்கவிதை வழியாக உணர்தல். 3. சான்றோர்களின் வாழ்க்கைமூலம் அவர்களின் ஆளுமை பண்புகளைத் தெரிந்து கொள்ளுதல்.
March	வினா விடைகளைத் திருப்பதல்		

7.8.3 Grade-8 English Syllabus coverage, project/activity plan and learning outcomes.

Text Book 1 Name	HONEYDEW		
Text Book 2 Name	ITS SO HAPPENED		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Prose: The Best Christmas Present in the World Grammar: Subject verb agreement Poem: The Ant and the Cricket	Activity: 1. Narrate summary of "The best Christmas present in the world". 2. Complete the given worksheet on subject-verb agreement.	-comprehend Connie's best Christmas present. -understand the disadvantages of war. -comprehend the life of ant and cricket. -learn about subject verb agreement and avoid mistakes in making sentences correctly.

May	Summer holidays Assignment: Complete the given worksheet on basic grammar aspects		
June	Poem: Geography Lesson Supplementary Reader: How the Camel got his hump Grammar: Active and Passive voice Prose: The Tsunami	Assignment: Write a paragraph on 'Geography lesson'. Summary writing: How the Camel got his hump. Project: Poster making on 'The Tsunami'.	- Understand the disaster of the Tsunami, its causes and consequences.. -learn about the life of wild animals in the forests. -understand the value of hard work.
July	Supplementary Reader: Children at Work, The selfish giant Grammar: Modals	Speech: Child Labour	Supplementary Reader: Comprehend the work of child labour. Comprehend the life of a giant to paradise. Grammar: Apply the rules in the given exercises.
August	Grammar: Tenses (Present, past, present continuous past perfect) Poem: Macavity: The Mystery cat Prose: Glimpses of the past Supplementary Reader: The treasure within	Project: Make a flowchart about ' Glimpses of the past'.	Prose: Understand the freedom struggles in our country. Poem:Comprehend the activity of the macavity cat. Supplementary Reader:Comprehend the life of physically challenged persons. Grammar: Apply the rules in the exercises.
September	Prose:The Summit within. Supplementary Reader: Princess September Poem: The School Boy.	1.Narrating Summary: The Princess September	Prose: Comprehend the worthwhile experience and internal summit of the major. Supplementary Reader:Comprehend the life of Princess September. Poem:Understand the school boy's enjoyment.
October	Prose: This is Jody's fawn. Supplementary Reader: The fight Poem:The last bargain Grammar: Determiners	1. Summary writing: The fight. 2. Assignment: Types of determiners	Prose: Comprehend human feelings towards an animal. Supplementary Reader:Understand and help each other. Poem:Comprehend the activity of bargain. Grammar: To apply the rules in a given exercise.
November	Prose: A visit to Cambridge Supplementary Reader:The open window Grammar:Adverbs Poem: The duck and the Kangaroo	Activity: Make a flowchart about 'A visit to Cambridge'.	Prose:Comprehend the author's successful journey and his bravest self. Supplementary Reader:Comprehend the horror story. Poem:Know the world tour of duck and kangaroo. Grammar: To apply the rules in the given exercise.
December	Prose: A short Monsoon diary Supplementary Reader: Jalebis. Grammar: Reported speech	Assignment: Write a paragraph on 'The Monsoon diary'.	Prose: Comprehend the feeling of the seasons. Supplementary Reader: Comprehend the boy's activities to buy jalebis.

	Poem: When I set out For Lyonnesse		Poem: Understand the poet's magical change in him. Grammar: Apply the rules in given exercise.
January	Supplementary Reader: The Comet- I & II Grammar: Tenses Poem: On the Grasshopper and cricket	Poster making: Comet	Supplementary Reader: Comprehend the Duttada's ambition. Comprehend the collision of the comet. Poem: Comprehend the activities of grasshopper and cricket. Grammar: To apply the rules in a given exercise.
February	Prose: The Great stone face -I & II Grammar: Tenses (Present perfect and past perfect)	Activity: Speech about Great stone face	Supplementary Reader: Comprehend the history of the stone face. Comprehend Ernest hoping to view the great stone face. Grammar: Apply the rules in given exercise.
March	ANNUAL EXAMINATION		

7.8.4 Grade-8 Maths Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	NCERT- Mathematics		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	1) Rational Numbers	Activity: - Represent rationals on number line	Students will be able to - - understand rational numbers, their properties and represent them as a number line. - find the rational number between two rationals.
May	Summer holidays	Summer holidays Project: - Check for all properties (Closure, Commutativity, Associativity) using all the four operations (Addition, Subtraction, Multiplication and Division) for any five rational numbers.	
June	2) Linear Equations in one variable 3) Understanding Quadrilaterals	Assignment: Write on the kinds of quadrilaterals and their properties.	Students will be able to - - understand the concept of linear equations with one variable. - learn the properties of quadrilaterals. - solve the given linear equation. - classify the polygons.

July	4) Practical Geometry 5) Data Handling	Activities: - Draw a pie chart for the individual performance in periodic test. - List out the sample space tossing one and two coins.	- learn to construct the quadrilateral with given measurements. - know to draw the bar graphs, histogram and pie charts. - learn to make the frequency table. - understand the concept of sample space, event and probability. - find the probability for the occurrence of given events.
August	6) Squares and Square Roots	Activities: - Match the squares and square roots - Build a tower	- understand the concept of squares and square roots. - find the square roots of given numbers using prime factorisation, repeated subtraction and division methods..
September	7) Cubes and Cube Roots	Activity: - Match the cubes and cube roots.	- understand the concept of cubes and cube roots and their properties.. - find the cube roots of given numbers using prime factorisation.
October	8) Comparing quantities 9) Algebraic expressions and Identities	Activity: Do the worksheets on ratios, percentages, compound interest etc. - Field visit to bank	- recall the concept of ratios and percentages. - understand the concept of discounts, profit and loss. - find the profit and loss percentage. - understand the concept of compound interest. - calculate the compound interest . - understand the concepts of terms, factors and coefficients. - find the addition, subtraction, multiplication and division of algebraic expressions.
November	10) Visualising Solid Shapes 11) Mensuration	Project: - Prepare different 3D shapes using wet clay.	- understand the concept of 3 D shapes, identify them in real life situations. - find the surface areas and volumes of cube, cuboid and cylinder..
December	12) Exponents and Powers 13) Direct and Inverse Proportions	Activity : - Quick test - Collect five examples for direct and indirect variation from real life.	- learn the laws of exponents. - express the numbers in standard form. - understand the concept of direct and inverse variation. - find the unknown values using direct and indirect variation.
January	14) Factorisation	Activity: Do the worksheet on factorisation.	- understand the concept of factorisation. - find the factors of algebraic expressions using regrouping terms and identities. - divide one polynomial by another polynomial.

February	15) Introduction to Graphs 16) Playing with Numbers	Activity: - Plot the given points on a graph - Drawing a linear graph - solve the puzzles	- understand the concept of linear graphs and coordinates. - plot the points on a graph sheet. - learn to solve the puzzles
March	Revision and Annual Examination		

7.8.5 Grade-8 Science Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	SCIENCE (NCERT)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Chapter 1 - Crop Production and Management. 1.Agricultural practices 2.Preparation of soil 3.Sowing, adding manure and fertilisers 4.Irrigation 5.Harvesting and storage	Assignment: i. Write an assignment on the different phases of agricultural practices on an A4 sheet. ii. Write about some irrigation methods which minimize and conserve water. iii. What is organic farming? How is it better than farming using fertilisers and pesticides?	-learn about types of agricultural practices - gain knowledge about fertilisers, irrigation and harvesting.
May	Summer holidays Project: Growing seedlings from healthy seeds with manure.		

June	Chapter 2 - Microorganisms: Friend and Foe. 1. Introduction 2. Where do microorganisms live? 3. Medical uses of microorganisms 4. Harmful microorganism 5. Disease causing microorganisms in Animals and Plants. 6. Food preservation. 7. Nitrogen Fixation. Chapter 3 - Synthetic fibres and plastics 1.What are Synthetic fibers? 2.Type of synthetic fibres 3.Characteristics of synthetic fibers 4.Plastics 5.Plastics and environment	Activity: Microorganisms: Collect various microbes' pictures and paste them on a chart. Write about useful microorganisms in A4 sheets (Maximum 2 sheets). Assignment - Is plastic useful or harmful for the world?	- learn about various microorganisms, medical uses and their harmfulness. - learn food preservation methods and nitrogen fixation. - understand the characteristics of synthetic fibres - comprehend about plastics
July	Chapter 4 - Materials: Metals and Non metals 1. Physical and chemical properties of metals and non-metals and their uses..	Lab activities 1. Activity - Prepare a chart on electrical conductivity of materials. 2. Project - Make an experiment to explain the chemical properties of metals. Assignment -Tabulate the differences between the physical and chemical properties of metals and non metals.	-understand the physical and chemical properties of metals and non-metals. - know about uses of metals and non-metals.
August	Chapter 5 - Coal and Petroleum. 1. Natural and manmade resources 2. Coal 3. Petroleum 4. Natural gas. Chapter 6 - Combustion and Flame. 1.What is combustion? 2.How do we control fire? 3.Types of combustion 4.What is flame? 5.Structure of a flame 6.Fuel efficiency	Classroom activity 1. Assignment - Write an assignment on natural and man-made resources in an A4 sheet. 2. Activity - Air is essential for burning.	- learn about the types of resources - man-made and natural, renewable and non renewable etc understand about clean energy resources, polluting resources upon combustion such as coal and petroleum. - Learn the importance of combustion and flame -know about flame, its structure, luminous and non luminous flames

			-learn about characteristics of good fuel, fuel efficiency etc.
September	Chapter 7 - Conservation of Plants and Animals. 1. Deforestation and its causes 2. Consequences of deforestation 3. Conservation of forests and wildlife 4. Biosphere reserve 5. Flora and fauna 6. Endemic species 7. Wildlife sanctuary and National park 8. Reforestation Chapter 8 - Cell: Structure and Functions. 1. Discovery of the cell 2. Cell number, shape and size 3. Cell structure and functions 4. Parts of the cell 5. Comparison of plant and animal cells.	Subject enrichment activities 1. Assignment - Causes and preventive measures of deforestation. 2. Project - make a model plant cell.	- learn about conservation of plants and animals -understand about the differences between deforestation and reforestation - Understand cell structure and its function.
October	Chapter 9 - Reproduction in Animals. 1. Mode of reproduction. 2. Sexual reproduction. 3. Asexual reproduction. Chapter 10 - Reaching the Age of Adolescence. 1. Adolescence and puberty. 2. Change at puberty. 3. Secondary sexual characters. 4. Role of hormones in initiating reproductive function in humans. 5. Hormones other than sex hormones. 6. Reproductive health. 7. Say "NO" to drugs.	Subject enrichment activities 1. Activity - Make a drawing of budding in Hydra. 2. Project - Prepare a chartwork about reproductive health.	-know about types of asexual reproduction. -learn about Adolescence, -puberty and secondary sexual characters. - understand about the role of hormones in initiating reproductive function in humans.

November	Chapter 11 - Force and Pressure. 1. Force – A Push or a Pull. 2. Exploring Forces. 3. Contact and non–contact forces. 4. Pressure and atmospheric pressure. Chapter 12 - Friction. 1. Force and friction 2. Factors affecting friction 3. Friction: A necessary evil 4. Increasing and reducing friction 5. Wheels reduce friction 6. Fluid friction	1. Assignment - Write about atmospheric pressure. 2. Assignment - factors affecting friction.	-learning about Force can change the shape of an Object. - know about atmospheric pressure. - learn about factors affecting friction.
December	Chapter 13 - Sound. 1. Introduction. 2. Sound produced by vibrating body and humans. 3. Sound needs a medium for propagation. 4. We hear sound through our ears. 5. Amplitude, time period and frequency of a vibration. 6. Audible and inaudible sounds. 7. Noise and music. 8. Noise pollution. Chapter 14 - Chemical Effects of Electric Current. 1. Do liquids conduct electricity? 2. Chemical effects of electric current. 3. Electroplating.	Assignments 1. Activity - Collect pictures of different musical instruments. 2. Assignment - Chemical effects of electric current.	- Be aware about the importance of sound, - know how it is produced and propagated -learn about the parameters associated with sound waves, amplitude, time period and frequency - learn about noise pollution -know about audible and inaudible sounds. - learn about the origin of electricity -chemical effects of electric current and electroplating.

January	Chapter 15 - Some Natural Phenomena. 1. Lightning. 2. Charging by rubbing. 3. Transfer of charge. 4. Lightning safety 5. Earthquakes. Chapter 16 - Light. 1. What makes things visible? 2. Laws of reflection. 3. Regular and diffused reflection. 4. Multiple images. 5. What is inside our eyes? 6. What is the Braille system?	Activity - 1. Do an activity to understand that rubbing causes charging. Assignment: 1. Write an assignment on what safety measures one can take during thunder and lightning and earthquakes. 2. Prepare a short report on devastation caused by tsunami in India.	- learn about lightning, charging and impacts of earthquakes. - know about laws of reflection and visually impaired persons can read and write.
February	Chapter 17 - Stars and Solar System. 1. The Moon. 2. The Stars. 3. Constellations. 4. The solar system. 5. Some other members of the solar system. Chapter 18 - Pollution of Air and Water. 1. Air pollution. 2. How does air get polluted? 3. Case study- The Taj Mahal. 4. Greenhouse effect. 5. Water pollution.	Subject enrichment activities 1. Project - The moon appears different at different positions in its orbits. 2. Assignment - Write how Air and water get polluted. 3. Acid rains, its causes and impact on living organisms and buildings..	-learn about the stars and planets, solar system and constellations - know about air and water pollution, acid rains and greenhouse effect, global warming and its impacts -ozone depletion and its effect on living organisms.
March	REVISION AND ANNUAL EXAMINATION		

7.8.6 Grade-8 Social Syllabus coverage, project/activity plan and learning outcomes.

Text Book 1 Name	NCERT Textbook- History (OurPasts-III)
Text Book 2 Name	NCERT Textbook-Geography(Resources and Development)
Text Book 3 Name	NCERT Textbook- Political Science(Social and Political Life-III)

Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	History Chapter-1 How important are the dates What is colonial Administration produces records	Interview your mother or another member of your family to find out about their life. Now divide their life into different periods and list out the significant events in each period. Explain the basis of your periodisation.	- understand the proper order of historical events and the importance of ancient, medieval and modern periods -learn how to come to know of past events.
	Geography: Chapter:1 Resources Types of resources Conserving resources	List out any 10 resources you use at your home and five you use at your classroom. Assignment: Write about 5 ways of conserving both water and electricity.	- learn about resources and classify them , -know about the need for conserving resources - understand sustainable development and its importance,
	Social and Political life Chapter-1 The Indian Constitution Why does a country need a Constitution The Indian Constitution: key features	Assignment: Write briefly the need for a constitution for each country. Activity: Prepare a collage on Secularism.	-Firstly, Students develop an appreciation of human rights guaranteed in the constitution. -Secondly, appreciate our continuous involvement with the constitution as a living document.
May	History Chapter -2 From Trade to territory East India company comes The Battle of Plassey Company Rule Expands Setting up a new administration	Collect pictures, stories, poems and information about the Rani of Jhansi.	- learn why East India Company came to India -know about how it expanded and started to rule India -understand how the people and their lives were affected under British rule
	Geography Chapter-2 Land, soil, water, natural vegetation and wildlife resources Conservation of Land Resource Soil formation	List out the national parks in India Assignment: Write briefly the need for conservation of land, soil and natural vegetation	-obtain an elaborate view of natural resources -learn about th indeed for their conservation

	Social and Political life Chapter-2 Understanding Secularism What is secularism? Indian Secularism	Make a poster on Secularism	Students will acquire knowledge on secularism, which is one of the most crucial pillars that support democracy.
June	History Chapter -3 Ruling the Countryside The company becomes the Diwan Crops for Europe The Blue "Rebellion"	Write an essay of Indigo Plantation and the plight of Indigo cultivators	-understand how the British Raj established their stronghold on Indian land. -know about the system of zamindars - learn how British rule exploited the poor peasants.
	Geography Chapter-3 Mineral and power resources Types of minerals Distribution of minerals Conservation of minerals	List uses of any five minerals	-learn about valuable minerals and places where they are found
	Social and Political life Chapter-3 Why do we need a Parliament? The role of parliament		-come to know about parliament -learn how parliament is important for maintaining democracy
July	History Chapter- 4 Tribals, Dikus and the vision of a Golden Age How did Tribal Groups Live? How did Colonial Rule affect tribal lives? - A closer look	Activity: Find out whether the conditions of work in the mines have changed now. check how many people die in mines every year, and what are the reasons for their death.	-learn about the sufferings of tribals and their causes -know about various tribal movements and uprisings -understand the dangers faced by the miners
	Geography Chapter-4 Agriculture Types of farming Agricultural development	Activity: Find out the difference between the lifestyle of farmers in the USA and India on the basis of pictures collected from magazines, books, newspapers and the internet.	-learn about all different types of farming and resources that are obtained from agricultural activities -understand the problems of farmers in India -learn how industrial developments improved the lives of farmers
	Social and Political Chapter-4 Understandings laws Advent of new laws Unpopular and Controversial laws	Activity: Design a poster on gender equality. Assignment: Write briefly about the recently introduced farm laws and farmers resistance	-Understand the laws of the country are crafted, and their importance..

August	History Chapter-5 When people Rebelled in 1857 and after Through the eyes of the people A mutiny becomes a popular rebellion -aftermath	Make a list of places where the uprising took place in May to July of 1857	-understand the events that mark the beginning of the people's uprising
	Geography Chapter-5 Industries Classification of industries Industrial system Distribution of major industries	Trace the journey of your shirt from a cotton field to your wardrobe.	-understand industries and their types -location of industries in India and the underlying factors
	Social and Political life Chapter-5 Judiciary What is the role of the Judiciary? What is the structure of courts in India?	Assignments: 1. Write a story around the theme, 'Justice delayed is justice denied'. 2. Explain the need for judiciary for proper implementation of laws and protecting the rights of people	-understand that the government is responsible for making and upholding laws for smooth and unbiased functioning of the democratic system. -learn about the importance of the judiciary in maintaining democratic practices.
September	History Chapter-6 Weavers, Iron Smelters and factory owners Indian Textiles and the World Market The sword of Tipu Sultan and Wootz steel	Map: major centres of weaving in the late 18th century	-understand that textiles and iron and steel industries were forbearers of industrial revolutions
	Geography Chapter-6 Human Resources Distribution of Population Density of population Population composition	Colour the Asia continent in the world map	- gain in depth knowledge of the world's demographic model
	Social and political life Chapter-6 Understanding our criminal justice system What is the role of the public Prosecutor? What is the role of Judges?	Assignment: Write on the importance of the judiciary in protecting the people.	-learn about the roles of public prosecutors and judges in the conduct of fair trials.
October	History Chapter-7 Civilising the "Native", Educating the Nation	Imagine you are living in the 1850s. you hear of wood's despatch. Write about your reaction	-know about how the British people viewed Indian education and forced a change towards a more westernized system

	How did the British see Education? What happened to local schools?		
	Social and Political life Chapter-7 Understanding marginalisation Who are Adivasis? Adivasis and Stereotyping Minorities and Marginalisation	List two reasons why Adivasis are becoming increasingly marginalised.	-understand the idea of social exclusion and its ill effects on society at large.
November	History Chapter-8 Women, Caste and reform Working towards change Caste and reform	Make a collage of child marriage	-understand the various social reforms on caste and women brought out by British Raj
	Social and Political life Chapter-8 Confronting Marginalisation Invoking Fundamentals Rights Laws for the Marginalised Protecting the rights of Dalits and Adivasis	Can you list two different provisions in the 1989 Act?	-learn about the ways in which our government has provisioned for the safety and survival of the marginalised groups
December	History Chapter-9 The making of the National Movement The Emergence of Nationalism The Growth of Mass Nationalism The March of Dandi	Find out how the national movement was organised in your city, district, area or state. Who participated in it and who led it? What did the movement in your area achieve?	-learn about nationalism -come to know about the reforms that were brought by the British government which led to the start of nationalism.
	Social and Political Life Chapter-9 Public Facilities Water and the people of Chennai Water as part of the fundamental right to life The Government's role	Assignment: Write briefly why the Government has a large role to play in supplying water to the people.	-understand the concept and importance of public facilities provided by the government.
January	History Chapter-10 India after Independence A Constitution is written How were states formed?	Discuss in your class the advantages and disadvantages of the decision to keep English as a language of India.	-learn about the reforms brought by the government which led to the beginning of development
	Social and Political life Chapter-10 Law and Social Justice What is a worker's worth? Enforcement of safety Laws	Write the advantages to foreign companies in setting up production in India.	-understand the ways in which our government has provisioned for the safety of workers. -learn about the advantages and disadvantages of the arrival of MNCs to our country.

February	Revision
March	Annual Examination

7.8.7 Grade-8 Hindi Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	सरल हिंदी		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	सामग्री:पाठ:1 जीवन की सीख	प्रकृति से जो सबक हम सीखते हैं उसे लिखें।	शिक्षण उद्देश्य:प्रकृति से हमें बहुत कुछ सीखते हैं बच्चों की मन में सदाचार की भावना बरना मन की गति के विषय में बताना। परिणाम: प्रार्थना के महत्व को समाज पाएँगे उनका शब्द-भंडार बढ़ेगा।
May	गर्मी की छुट्टियाँ	पालतू जानवरों के बारे में एक गद्गय लिखिए। गर्मी की छुट्टियाँ	गर्मी की छुट्टियाँ
June	सामग्री : पाठ : 2 नम्रता का फल।	प्रकृति से जो सबक हम सीखते हैं उसे लिखें।	शिक्षण उद्देश्य :नम्रता का फल हमेशा अच्छी है। बच्चों की कल्पना शक्ति को बढ़ाना। कहानी लेखन की क्षमता का विकास करना परिणाम: बच्चों में कल्पनाशक्ती का विकास होगा।
July	सामग्री :पाठ : 3 सच्ची मित्रता सामग्री : पाठ : 4 मूर्ख आदमी	अपने बड़ों के साथ कैसा व्यवहार करना है, इसके बारे में लिखें।	शिक्षण उद्देश्य : पाठ के शीर्षक पर चर्चा करवाना। मित्रता का महत्व बताना। परिणाम :सच्ची मित्रता के बारे में एनी कहानियां सुनना और खेलना। शिक्षण उद्देश्य : पाठ के शीर्षक की सार्थकता पर प्रकाश डालना। मूर्ख की तकदीर कभी लंबे समय तक पहेलियाँ। इस तथ्य को समझाना। परिणाम : बच्चे मानवता की भावना सीख सकेंगे। शब्द संपता में वृद्धि होगी। बच्चों में चिंतन -क्षमता विकसित होगी।

August	<p>सामग्री : 5 ये जानवर ।</p> <p>सामग्री : पाठ : 6 गधे की परछाई</p>	<p>अपने गाँव के त्योहार के बारे में अपने मित्र को पत्र लिखिए।</p>	<p>शिक्षण उद्देश्य : पाठ के शीर्षक पर चर्चा करवाना । जानवर की वफादारी के विषय में बताना । हाथी की शारीरिक एवं अन्य विशेषताओं की जानकारी देना । परिणाम : बच्चों में पशुओं के प्रति प्रेम की भावना जागृत होगी । जंगली जानवरों के बारे में ज्ञात होना और उन्हें प्यार करना । शब्द संपत्ता में वृद्धि होगी ।</p> <p>शिक्षण उद्देश्य : मामूली-सी बैटन पर लड़ना अच्छा नहीं है । परिणाम : बच्चे मानवता की भावना सीख सकेंगे । तन क्षमता वृद्धि होगी ।</p>
September	<p>सामग्री : पाठ : 12 व्याकरण संज्ञा</p>	<p>जंगली जानवरों और उनकी सुरक्षा के बारे में लिखिए।</p>	<p>बच्चे संज्ञा के बारे में ज्ञान प्राप्त करवाया ।</p>
October	<p>सामग्री : पाठ : 7 चार विद्वान मित्र</p> <p>सामग्री : पाठ : 13 विशेषण</p>	<p>पेड़ बचाओ की अवधारणा पर एक चित्र बनाओ।</p>	<p>शिक्षण उद्देश्य : समय के महत्व को बताना । बुद्धि का अव्यावहारिक उपयोग बड़ा ही खतरनाक होता है । मौखिक भाग । सत्य के बारे में एक कविता । परिणाम : बच्चे मानवता की भावना सीख सकेंगे चिंतन क्षमता वृद्धि होगी । मूर्खों की संगति छोड़ने की सीख लेना ।</p>
November	<p>सामग्री 8 नौकरों की परेशानियाँ</p> <p>सामग्री : पाठ : 14 वाक्यांश के लिए एक शब्द</p>	<p>बीरबल की अपनी पसंदीदा कहानी लिखें।</p>	<p>शिक्षण उद्देश्य : पाठ के शीर्षक की सार्थकता पर प्रकाश डालना । बिना विचार कोई काम करने पर बाद में पछताना पड़ता है । विश्वास के साथ किसी कार्य को करना परिणाम : बच्चे सफलता के मूल मंत्र को जान पाएँगे । भाषा की समझ और रचनात्मकता का विकास होगा</p>
December	<p>सामग्री: 9 टेढ़ा-मेढ़ा वृक्ष</p> <p>सामग्री : पाठ : 15 विलोम शब्द</p>	<p>वाक्य लिखें और उसमें विशेषणों का उल्लेख करें।</p>	<p>शिक्षण उद्देश्य : पठन तथा अभिव्यक्ति कौशल को बढ़ाना । अर्थग्रहण क्षमता का विकास करना । परिणाम: तुम्हारे पास जो श्री है, उसी में खुश रहो लोभ बुरे है । बच्चे पाठ का शुद्ध उच्चारण और स्पष्ट वाचन करना सीखेंगे ।</p>
January	<p>सामग्री: 10 मैं पेड़ हूँ – कविता</p> <p>सामग्री : पाठ : 16 रचनात्मक क्रियाकलाप</p>	<p>अपने मन पसंत त्योहार के बारे में लिखें।</p>	<p>शिक्षण उद्देश्य : पाठ के शीर्षक पर चर्चा करवाना । परिणाम: पेड़ पालने का महत्व लेना उनमें चिंतन शक्ति विकसित होगी । शब्द भंडार विकसित होगी ।</p>
February	<p>सामग्री : 11 मूर्खों की सूची</p>	<p>अपने काल्पनिक बगीचे को ड्रा करें।</p>	<p>शिक्षण उद्देश्य: पाठ के शीर्षक की सार्थकता पर प्रकाश डालना । परिणाम : बच्चे पाठ का शुद्ध उच्चारण और स्पष्ट वाचन करना सीखेंगे ।</p>

March	சர்ஸோதந	சர்ஸோதந	சர்ஸோதந
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7.9 Grade-9 Execution

Following are the books and notebooks for one academic year.

S#	Book Name / Notebook Specification	Type	Term
1	Tamil (IX-STD)	Textbook	Yearly
2	Bee Hive	Textbook	Yearly
3	Moments - Supplementary	Textbook	Yearly
4	Mathematics (IX-STD)	Textbook	Yearly
5	Science (IX-STD)	Textbook	Yearly
6	INDIA & COMTEPRARY WORLD-HISTORY	Textbook	Yearly
7	CONTEPRARY INDIA-GEOGROPHY	Textbook	Yearly
8	ECONOMICS	Textbook	Yearly
9	DEMOCRETIC POLITICS	Textbook	Yearly
10	Information & Technology (IX-STD)	Textbook	Yearly

7.9.2 Grade-9 Tamil Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	தமிழ் (தமிழ் பாடநூல்)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	இயல்-1 1. திராவிட மொழிக் குடும்பம் 2. தமிழோவியம்	செயல்திட்டம் -1 திராவிட மொழிகளின் ஆய்வுக்கு பங்களிப்பு செய்தவர் பட்டியலை எழுதுக.	1. மொழியின் தேவை, தோற்றம், தொன்மை, தனித்தன்மை ஆகியவற்றை அறிந்து கொள்ளுதல். 2. தமிழ் சொற்களையும் பிறமொழிச் சொற்களையும் வேறுபடுத்தி அறிதல்.

May	கோடை விடுமுறை	1. தமிழ் மொழியில் வேர்ச் சொற்களின், வடிவ மாற்றம் குறித்து எழுதுக. 2. "நம் தமிழ் மொழி" என்ற தலைப்பில் ஒரு பக்க அளவில் கருத்துக்களை தொகுத்து எழுதுக. 3. நீங்கள் நாள்தோறும் வகுப்பறையில் மிகுதியாக பயன்படுத்தும் சொற்களை எழுதுக.	
June	இயல்-1 1. தமிழ்விடு தூது 2. வளரும் செல்வம் 3. தொடர் இலக்கணம்	செயல்திட்டம் -1 திராவிட மொழிகளின் ஆய்வுக்கு பங்களிப்பு செய்தவர் பட்டியலை எழுதுக. ஒப்படைவு -1 இந்தியாவில் எத்தனை மொழி குடும்ப உள்ளன என்பதைப் பற்றி ஆய்வு செய்து ஒரு பக்க அளவில் எழுதுக.	1. செய்யுள் பாடலில் உள்ள கவிதை வடிவங்களைப் படித்து பொருள் உணர்தல். 2. தொடர்களின் மைப்பினை அறிந்து பயன்படுத்துதல். 3. கடிதம், கட்டுரை வாயிலாக கருத்துக்களை வெளிப்படுத்துதல்.
July	இயல்- 2 1. நீரின்றி அமையாது உலகு 2. பட்டமரம் 3. பெரியபுராணம் 4. புறநானூறு 5. தண்ணீர் 6. துணைவினைகள்	ஒப்படைவு -2 வீடுகளில் பயன்படுத்தப்படும் தண்ணீர் எங்கிருந்து கிடைக்கிறது; இதற்கான நீர் எங்கிருந்து வருகிறது, இன்னும் எவ்வளவு காலத்திற்கு தண்ணீர் போதுமானதாக இருக்கும் என்ற தகவல்களை திரட்டி ஒப்படைவு உருவாக்குக.	1. நீரின் முக்கிய துவத்தை உணர்ந்து நீர் நிலைகளை பாதுகாத்தல். 2. நீர்ப்பயன்பாட்டைக் குறைத்து கருத்தரங்கில் கருத்துகளை வெளிப்படுத்த அறிதல். 3. இயற்கை முகைப்போற்றும் கவிதைகளை எழுதுதல். 4. துணை வினைகளை முறையாக பயன்படுத்துவது பற்றி அறிதல்.
August	இயல்- 3 1. ஏறுதழுவுதல் 2. மணிமேகலை 3. அகழாய்வுகள் 4. வல்லினம் மிகும் இடங்கள் 5. திருக்குறள்	செயல்திட்டம் - 3 ஏறுதழுவுதல் தமிழரின் அரசியல் என்று போற்றப்படும். அதற்கான காரணங்களை பற்றி விரிவாக எழுதுக.	1. தமிழர்களின் பண்பாட்டு அசைவுகளை உணர்ந்து பின்பற்றுதல். 2. அற உணர்வை வெளிப்படுத்தும் வீர விளையாட்டான ஏறு தழுவுதலைப் பற்றி அறிதல். 3. தொல்லியல் எச்சங்களை பாதுகாத்தல் பற்றி அறிதல். 4. திருவிழாக்கள் பண்பாட்டின் தொடர்ச்சியாக கொண்டாடப்பட்டு வருபவை என்பதை உணர்ந்து கொள்ளுதல்.

September	<p>இயல் - 4:</p> <ol style="list-style-type: none"> 1.இயந்திரங்களும் இணையவழி 2.ஓ. என் சமகாலத் தோழர்களே! 3. உயிர்வகை 4. விண்ணையும் சாடுவோம் 5. வல்லினம் மிகா இடங்கள் 	<p>ஒப்படைவு - 3</p> <p>சங்க இலக்கிய கலித்தொகையில் ஏறுதழுவுதல் பற்றி குறிப்பிட்டுள்ள செய்திகளை தொகுத்து எழுதுக.</p>	<ol style="list-style-type: none"> 1. மின்னணு இயந்திரங்களின் தேவையையும் இணையத்தின் முக்கியத்துவத்தையும் பற்றி அறிதல். 2. தொல்காப்பியம்குறிப்பிடும் உயிர்களின் வகைப்பாட்டினை அறிதல். 3. அறிவியல் செய்திகளையும்,கவிதையாக்க முடியும் என்று அறிந்து படைப்புக்கம் பெறுதல். 4. இணைய வணிகம் பற்றி அறிதல்.
October	<p>இயல்-5</p> <ol style="list-style-type: none"> 1. கல்வியில் சிறந்த பெண்கள் 2. குடும்ப விளக்கு 3. சிறுபஞ்சமூலம் 4. விட்டிற்சொல் 5. புத்தகச்சாலை 6. இடைச்சொல் - உரிச்சொல் 	<p>செயல்திட்டம் - 4</p> <p>சங்ககாலப் பெண்பாற் புலவர்களின் பெயர்களை பற்றி எழுதுக.</p>	<ol style="list-style-type: none"> 1. கல்வியில் பெண்களின் முன்னேற்றத்தை உணர்ந்து பெண் கல்விக்கு உதவுதல். 2. பலவாறானஇலக்கிய வடிவங்களின் வழி கருத்துக்களை படித்துஅறிதல். 3. நூலகத்தின் பயன் அறிந்து பயன்பாட்டை உணர்தல். 4. இடைச்சொல், உரிச்சொல் ஆகியவற்றை முறையாக பயன்படுத்தவதை அறிதல்
November	<p>இயல்-6</p> <ol style="list-style-type: none"> 1. சிற்பக்கலை 2. இராவண காவியம் 3. நாச்சியார் திருமொழி 4. செய்தி 5. புணர்ச்சி 6. திருக்குறள் 	<p>செயல்திட்டம் - 5</p> <p>ஆகுபெயர் இலக்கணம் ஒரு மதிப்பெண் தேர்வு</p>	<ol style="list-style-type: none"> 1. தமிழர் சிற்பக்கலையும், வரலாற்று சிறப்புகளையும் அறிதல். 2. இலக்கியம் காட்டும் ஐவகைநிலங்களின் அழகை நுகர்தல். 3. சிறுகதை அமைப்பில் தமிழர் இசைக் கலையின் சிறப்பை உணர்தல். 4. புணர்ச்சி இலக்கணம் அடிப்படைகளை அறிதல். 5. திருக்குறள் எளிய வடிவத்தையும் அதன் பொருளையும் பற்றி அறிதல்
December	<p>இயல் -7</p> <ol style="list-style-type: none"> 1. இந்திய ராணுவத்தில் தமிழரின் பங்கு 2. சீவக சிந்தாமணி 3. முத்தொள்ளாயிரம் 	<p>செயல்திட்டம் - 6</p> <p>குற்றியலுகரம், முற்றியலுகரம்</p>	<ol style="list-style-type: none"> 1. விடுதலைப் போரில் தமிழர்களின் தொண்டினை அறிதல். 2. சங்ககால மதுரை நகர காட்சிகளை இலக்கியங்கள் வழி அறிதல்.

	4. மதுரைகாஞ்சி 5. சந்தை 6. ஆகுபெயர்	இவற்றுக்கிடையே உள்ள வேறுபாட்டை எழுதுக.	3. மொழிப் பயன்பாட்டில் ஆகுபெயர் எவ்விதம் வெளிப்படுத்தப் படுகிறது என்பதை அறிதல்
January	இயல் -8 1. பெரியாரின் சிந்தனைகள் 2. ஒளியின் அழைப்பு 3. தாவோ தே ஜிங் 4. யசோதரகாவியம் 5. மகனுக்கு எழுதிய கடிதம் 6. யாப்பிலக்கணம்	ஒப்படைவு - 4 இராணுவத்தில் சிறப்பாக பணிபுரிந்து வரும் இராணுவவீரரைப் பாராட்டி மடல் ஒன்று எழுதுக.	1. தமிழரின் சிந்தனை மரபுகளை உணர்தல். 2. தமிழ் இலக்கியங்கள் காட்டும் அறச் சிந்தனைகளை அறிந்து நம் வாழ்வில் பயன்படுத்துதல். 3. பிற நாட்டு அறிஞர்களின் தத்துவத்தை தெரிந்து கொள்ளுதல். 4. செய்யுள் உறுப்புகளை யாப்பிலக்கணம் வழி அறிந்து அலகிடல்.
February	இயல் -9 1. விரிவாகும் ஆளுமை 2. அக்கறை 3. குறுந்தொகை 4. தாய்மைக்கு வறட்சி இல்லை 5. அணியிலக்கணம்	செயல்திட்டம் - 7 தமிழ் இலக்கியங்கள் காட்டும் சான்றாண்மை கருத்துக்களை தொகுத்து ஒரு பக்க அளவில் எழுதுக.	1. புதுக்கவிதைகளை படிப்பதால் தற்கால கதையின்போக்கினை அறிதல். 2. மனிதம் சார்ந்த படைப்புகளைப் படிப்பதின் வாயிலாக மனிதநேயப் பண்புடனும் வாழ்தல் பற்றி அறிதல். 3. நூலின் மதிப்புரைகளைப் படித்தறிந்து அது போல எழுத முனைதல். 4. அணி இலக்கணத்தை அறிந்து கவிதையைச் சுவைத்துப் படித்தல்.
March	வினா விடைகளைத் திருப்பதல்	வினா விடைகளைத் திருப்பதல்	வினா விடைகளைத் திருப்பதல்

7.9.3 Grade-9 English Syllabus coverage, project/activity plan and learning outcomes.

Text Book 1 Name	Beehive		
Text Book 2 Name	Moments		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes

April	Prose: The fun they had Poem: The road not taken Supplementary Reader: The lost child Grammar: Subject-verb agreement	1.Speech: About 'Virtual classroom'. 2. Summary writing: The lost child.	-understand the virtual classroom and its importance during the pandemic period. -know the advantage of telebooks . -understand the theme of the poem. -learn to make correct decisions at appropriate times. -understand parent's ignorance of their children desire -learn the connectivity between the subject and verb.
May	Prose: The sound of music Poem: Wind Supplementary Reader: The adventures of Toto Grammar: Tenses	Poster Making: Classify the types of musical instruments.	-think of potential barriers to success. -recognise that success comes through determination, hard work and courage -comprehend an idea of struggle within nature, Understand grandfather's compassion towards animals. -learn to apply the rules of tenses in the given worksheet.
June	Prose: The little girl Poem: Rain on the roof Supplementary Reader: In the Kingdom of fools Grammar: Determiners	Assignment: Make a flowchart about : determiners.	-understand the theme of compassion and change. -understand the old memories of the poet. -know that true happiness lies in making others happy. -learn about the proper usage of determiners.
July	Prose: A truly Beautiful mind Poem: A legend of the Northland Supplementary Reader: The Happy Prince Grammar: Modals	Assignment: Write an essay about 'The Happy Prince'	-comprehend the life of Einstein -know the outstanding qualities of human beings. -learn to carry out their work to the best of their ability and complete concentration. - learn to use the modal verbs in the sentences properly.
August	Prose: My Childhood Grammar: Reported Speech Supplementary Reader: Weathering the storm in Ersama Poem: No men are Foreign	Group discussion: Natural disasters	To understand the early life of Abdul Kalam. -comprehend their own thoughts. -understand the poet's aim about cultivating the feeling of brotherhood. -know their ability, courage, confidence and grit to face catastrophes. -learn correct usage of voice

September	Prose: Packing Supplementary Reader: The Last Leaf Grammar: Reported speech	1.Speech: About 'My Childhood'. 2. Summary writing: The last leaf.	-understand the importance of teamwork. -comprehend the story of Jonsy. -understand the value of life.
October	Prose: Reach for the top Grammar: Modals	Paragraph writing: My Ambition	-know the importance of patriotism. -comprehend Maria's potential to develop her skills. -apply the rules in using modals correctly in a given exercise.
November	Term 1 - Board Revision		
December	Term 1 - Board Exam		
January	Prose: The Bond of love Poem: On killing a tree Supplementary Reader: A house is not a home	1.Summary writing: About 'A house is not a home'. 2. Speech: The importance of trees.	-comprehend their confidence. -develop their presence of mind, intelligence and imaginative skill of fabricating a story. -comprehend the value of living things. -understand the difference between home and house.
February	Prose: If I were you Poem: The snake trying Supplementary Reader:The beggar Grammar and Writing: Letter Writing	1.Speech: About 'If I were you'. 2. Summary writing: The beggar.	-comprehend the presence of mind , intelligence, story. -know the inhabitants of the earth. -understand kind, sympathetic and helping nature of Olga.
March	Term II - Board Revision		

7.9.4 Grade-9 Maths Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	NCERT- Mathematics		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	1. Number Systems	Activity: 1. Construct the square root spiral. 2. Represent real numbers on the number line.	- understand irrational numbers - learn real numbers and their decimal expansions. - representing real numbers on the number line. - learn laws of exponents for real numbers.

May	Summer holidays	Project: - Collect all the basic formulae and definitions of 1. Rational Numbers 2. Algebraic Expressions 3. Mensuration - Various methods for finding square roots and cube roots.	
June	2. Linear Equations in two variables	1. Draw the graph of a linear equation in two variables.	- understand the standard form of linear equations in two variables. - find the solution of the linear equation. - draw the graph of a linear equation.
July	3. Coordinate Geometry	1. Plot the given point on the cartesian planes.	- understand the concept of the cartesian system. - plot a point on the plane. - identify the quadrant of given points.
August	4. Lines and Angles	1. Do the given worksheet. 2. Demonstrate angle sum property of triangle by paper cutting.	- learn the basic terms and definitions. - understand the concept of pair of angles. - learn the angle sum property of a triangle - find the unknown values.
September	5. Triangles	1. Do a chart activity to explain criteria for congruence of triangle 2. Do the given worksheet.	- understand the concept of congruence of triangles. - learn the criteria for congruence of triangles. - learn properties of triangles and inequalities in a triangle.
October	6. Heron's formula 7. Statistics	1. Find the mean, median and mode of the given data. 2. Find the area of quadrilaterals using Heron's formula.	- find areas of quadrilaterals using Heron's formula. - find the mean, median and mode of the given data.
November	8. Polynomials	Do the given worksheets on polynomials	Students will be able to - - understand the concept of zeroes of a polynomial, remainder theorem and factorisation of polynomials. - learn the algebraic identities.

			<ul style="list-style-type: none"> - find the zeros and remainder of given polynomials. - factorize the polynomials using identities.
December	9. Quadrilaterals 10. Circles	Assignments: 1. Assignment on types of quadrilaterals. 2. Do the paper cutting activity on circles and the related terms.	<ul style="list-style-type: none"> - understand the types of quadrilaterals and their angle sum property. - learn the properties of a parallelogram. - recall basic features of circles. - understand the concept of equal chords and their distances from the centre. - learn the concept of cyclic quadrilaterals.
January	11. Construction 12. Surface Areas and Volumes	1. Construct the triangle with given measurements 2. Find the surface area and volumes of given solids.	<ul style="list-style-type: none"> -find the surface area and volume of a combination of solids. - construct the basic angles and triangles.
February	13. Probability	1. Find the probability for the occurrence of five different given events.	<ul style="list-style-type: none"> - understand the concept of probability and to find the probability for the occurrence of various events.
March	Revision and Annual Examination		

7.9.5 Grade-9 Physics Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name		SCIENCE (NCERT)	
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	8. Motion	Activity: Plan to visit a place by car. Note the readings on the odometer and speedometer after every five minutes till you reach your destination. Record these observations in a tabular form. Plot the (i) Distance –time graph (ii) speed – time graph using the data recorded. State whether the motion is uniform or non-uniform.	<ul style="list-style-type: none"> -interpret the type of motion from their graphical representations. -learn that uniform circular motion is an accelerated motion.

May	8. Motion 9. Force and Laws of Motion	Assignment: Derive the equation of motion by graphical method. Activity: Discussion of various examples from daily life to explain that Newton's first law of motion can also be termed as the law of inertia.	- understand the equation of motion by graphical method. - that Newton's first law is a special case of the second law. -correctly apply the law of conservation of momentum to solve numerical problems. -study the third law of motion using two spring balances
June	9. Force and Laws of Motion	Discussion of various examples from daily life to explain that Newton's first law of motion can also be termed as the law of inertia. Activity: Do the activity to prove that an object has Inertia. Activity : Do an activity to explain the third law of motion.	-know why does the Moon not crash into the Earth due to Earth's gravity? - able to correctly apply the law of conservation of momentum to solve numerical problems. -understand that Newton's first law is a special case of the second law.
July	10. Gravitation	Discussion: Why does the Moon not crash into the Earth due to Earth's gravity? Activity : Do an activity to prove the Archemede's Principle. Activity: Explain the activity which shows that the circular motion has acceleration.	energy continuously converts from one form to another which is used to create gadgets using technology and make our lives so comfortable. -universal law of Gravitation. -difference between Mass and Weight. -understand about Relative Density.
August	10. Gravitation 11. Work and Energy	Activity : Establish the relation between the loss in weight of a solid when fully immersed in a) Tap water b) Strongly salty water,with the weight of water displaced by it by taking at least two different solids project : Explain the potential energy with the help of a spring.	-Understand about thrust and pressure. -understand that energy continuously converts from one form to another which is used to create gadgets using technology and make our lives so comfortable.
September	11. Work and Energy 12. Sound	Assignment : Prove that the kinetic energy of a moving object is equal to $\frac{1}{2}mv^2$. Project: Note the units of electricity used by your household during a month and calculate the electricity bill. Experiment : Verify the laws of reflection of sound. Interactive session:	- understand the law of conservation of energy. - learn that the rate of doing work is power - learn about the commercial unit of energy. - learn about production and propagation of sound, - learn that sound requires a medium to travel,

		Sound is a form of energy. Explain this with a suitable example.	
October	12. Sound	Interactive session: - Why is an echo not heard inside the classroom? - List the conditions necessary for an echo to be heard. - Will the minimum distance between the source and the object that reflects - Does the sound increase or decrease on a hot day?	- learn that the speed of sound varies in different media - learn about reflection of sound, reverberation and uses of multiple reflection of sound. -learn about range of hearing, applications of ultrasound, SONAR and structure of human ear. - learn about the various applications of the ultrasonic sound in the field of industry and medicine.
November	Term 1 - Board Revision		
December	Term 1 - Board Exam		
January	Pre Board Revision and Examination		
February	Term 2 - Board Revision		
March	Term 2 - Board Exam		

7.9.6 Grade-9 Chemistry Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Science (Chemistry)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Chapter - 1 Matter in our surroundings - Physical nature of matter - Characteristics of particles of matter - States of matter: solid, liquid and gaseous states	Activity: Determine the boiling point of water and the melting point of ice	- understand the three states of matter, and the characteristics of particles in these states -interconversion of the three states of matter..
May	Summer holidays: Assignment: Do an infographics on the matter in our surroundings		
June	Chapter - 1 Matter in our surroundings - Can matter change its state? - Evaporation and factors affecting it	Activity: Determine the rate of evaporation of water at three different conditions	- understand that state change takes place due to change of temperature and pressure - know the concept of evaporation and the factors that affect it

July	Chapter - 2 Is matter around us pure - Mixture - What is solution?	- Determine whether the given solution is homogeneous/ heterogeneous.	- can identify elements, compounds and mixtures - understand types of mixtures - can compare types of solutions on the basis of their features.
August	Chapter - 2 Is matter around us pure - Separation of components of mixture - Physical and chemical changes - What are the types of pure substances?	Activity: Separate immiscible liquids like oil and water using separating funnel - Prepare solutions like chalk solution, sugar/ salt solution and starch solution and observe the differences. In which one do you observe Tyndall effect - To separate salt and camphor by sublimation method	- Understand the different types of separation techniques for various types of mixtures.
September-October	Chapter - 3 Atoms and molecules - Laws of chemical combination - What is an atom? - What is a molecule? - Writing chemical formulae - Molecular mass and mole concept	Activity Determine the ratio by mass of given molecules	-understand Dalton's atomic theory and law of chemical combination -know atom, molecule, atomic mass and calculation of molecular mass - Arrive at different chemical formulae - Solve mole concept problems
November-December	Revision and I Term Board Exam		
January	Chapter - 4 Structure of the Atom - Charged particles in matter - The structure of an atom -Thomson model - Rutherford Model - Bohr's Model of an atom		- They can understand the different models proposed by chemists and their failures
February	Chapter - 4 Structure of the Atom - How are electrons distributed in different	- determine the electronic configuration of first 10 elements	- learn the arrangement of electrons in each shell of K, L,M,N - understand valency, atomic number and mass number - learn about Isotopes and know about their application

	orbits (shells)? - Valency - Atomic number and Mass number - Isotopes		
March	Revision and II Term Board Exam		

7.9.7 Grade-9 Biology Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	SCIENCE (NCERT)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term - 1 Chapter 5: The fundamental unit of life - What are living organisms made up of? Compound microscope Discovery of cell	Lab activity - Prepare stained temporary mount of onion peel.	- enable them to use microscopes in a comfortable manner.
May	Chapter 5: The fundamental unit of life - What is a cell made up of? - What is the structural organisation of a cell? - Osmosis, plasmolysis, deplasmolysis - prokaryotic and eukaryotic cells	Lab activity - Study permanent slides of Amoeba and Eukaryotic cells.	- help them in developing ideas about primitive cells and how the cell evolved.
June	Chapter 5: The fundamental unit of life - Cell organelles - Plant cell and animal cell - Cell division: Mitosis and meiosis	Subject enrichment activity - Prepare a chartwork for plant cells and animal cells.	- make them aware about different cell organelles and cell division
July	Chapter 6: Tissues - Plant tissues - Are plants and animals made of the same types of tissues? - Meristematic tissues - Permanent tissues: Simple parenchyma, collenchyma, Sclerenchyma - Complex tissues - xylem and phloem.	Lab activity - Study permanent slides of plant tissues - parenchyma, Collenchyma and Sclerenchyma	Students will be able to.... - make understanding about various categories of plant tissues and their location structure and function. - develop skill of making drawing of various tissues

August	Chapter 6: Tissues - Animal tissues Epithelial tissues: Squamous, cuboidal, columnar, ciliated and glandular - Connective tissue : blood, lymph, tendons ligaments, bone and cartilage - Muscular tissues: Stratified, unstratified and cardiac - Nervous tissue	Subject enrichment activity - Study permanent slides of striped muscle fibers and nerve cells. Record their observations draw labeled diagrams	- help them in understanding the complex structure of animal tissues with the help of live examples of their body actions.
September	Term - 2 Chapter 13: Why do we fall ill? Health and its failure Disease and its causes- Infectious diseases	Innovative strategies: Prepare a poster making - Significance of health and prevention of diseases.	- help them in distinguishing between signs and symptoms and acute and chronic diseases. - make them to think and understand infectious and non-infectious diseases
October	Chapter 13: Why do we fall ill? Principles of treatment Principles of prevention Immunization	Subject enrichment activity: Write about the principles of prevention of diseases in A4 sheet.	- make them understand the principles of treatment for various diseases.
November	Revision for Term 1 Board Examination		
December	Term 1 - Board Exam		
January	Chapter 14: Natural Resources The breath of life: Air, role of atmosphere and air pollution - Water : A wonder liquid, water pollution	Subject enrichment activity - Prepare a chart on air and water pollution with relevant pictures.	- gain knowledge about air and water pollution and preventive measures.
February	Chapter 14: Natural Resources Minerals rich in the soil Biogeochemical cycles	Independent student project: Draw various biogeochemical cycles in A4 sheet.	- learn to observe and draw biogeochemical cycles
March	Term 2 - Board Exam		

7.9.8 Grade-9 Social Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	NCERT Textbook- Geography (Contemporary India-I)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes

April	Chapter-1. India—Size and Location Location and size India and world India's Neighbours	Complete the map work as per the NCERT list Activity: Find out the longitudinal and latitudinal extent of your state, your home and your school. Explain how latitudes are measured. What is the reference line for measuring latitude?	-Identify the location of India in the Indian subcontinent
May	Chapter-2. Physical features of India Movement of tectonic plates; The Evolution of Himalayas; Major Physiographic divisions The Himalayan Mountains.	Do the map work as per the NCERT list	-understand the major landform features and the underlying geological structure; their association with various rocks and minerals as well as nature of soil types.
June	Chapter-2. Physical features of India The Northern Plains, The Peninsular Plateau, The Indian Desert, The Coastal Plains, The Island Groups	Do the map work as per the NCERT list The Indian desert, Western Ghats, Lakshadweep Islands	
July	Chapter-3. Drainage The Drainage system in India Difference between Himalayan and peninsular rivers. The Himalayan River system The Peninsular River system Role of Rivers and Lakes in the Economy. River Pollution, causes and measures National River Conservation Plan	On an outline map of India, mark and label the following rivers: Ganga, Satluj, Damodar, Krishna, Narmada, Tapi, Mahanadi and Brahmaputra.	-Identify the river systems of the country and explain the role of rivers in human society. -understand the need to protect rivers from pollution.
August	Chapter-4. Climate Weather and climate. Climatic controls. Factors affecting India's Climate The Indian Monsoon	Do map work as per the NCERT list	- Identify the factors that influence the climate and explain the climatic variation of our country and its impact on the life of the people. -explain the importance and unifying role of monsoons.
September	Chapter-4. Climate	Do map work as per the NCERT list	-learn about seasons and monsoons, distribution of rainfall

	Seasons : hot weather season and cold weather season, Advancing monsoon and retreating monsoons Distribution of Rainfall Monsoon as a Unifying Bond	Collect Photographs of typical rural houses and clothing of people from different regions of India. Examine whether they reflect any relationship with the climatic condition and relief of the area.	-understand that the monsoon becomes a unifying bond.
October	Chapter-5. Natural Vegetation and Wildlife Factors affecting distribution of Natural Vegetation. Ecosystem and Biomass. Types of Natural vegetation Wildlife and Conservation measures.	Do the map work as per NCERT list. Present different types of Natural vegetation. in the form of a table.	-explain the nature of diverse flora and fauna as well as their distribution. -understand the need to protect the biodiversity of our country.
November	Term 1 - Revision for Term 1 Board Exam		
December	Term 1 - Board Exam		
January	Chapter- 6 Population -Size - Distribution	On a map, trace the migration of each of your grandparents and parents since their birth. Try and analyse the reasons for each move.	-Analyse the uneven nature of population distribution and show concern about the large size of our population. - Identify the different occupations of people and explain various factors of population change
February	Chapter- 6 Population -Population Growth and Process of Population Change	Group discussion	Explain various dimensions of National Population Policy and understand the needs of adolescents as an underserved group.
March	Term 1 - Board Exam		

Text Book Name	NCERT Textbook- History(India and the Contemporary world-I		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Chapter-1 The French Revolution - French Society during the late Eighteenth Century -	Explain why the artist has portrayed the nobleman as the spider and the peasant as the fly.	- familiarize with the names of people involved, the different types of ideas that inspired the revolution, the wider forces that shaped it.

	<p>The struggle to survive</p> <p>A growing middle class Envisages an End to Privileges</p> <p>The Outbreak of the Revolution - France becomes a Constitutional monarchy</p>	<p>Assignment: Explain the main factors that triggered the French Revolution.</p>	<p>- know the use of written, oral and visual materials to understand the history of revolutions.</p>
May	<p>Chapter -1 French Revolution - France abolishes Monarchy and becomes a Republic</p> <p>The Reign of Terror</p> <p>Did women have a Revolution?</p> <p>The Abolition of Slavery</p> <p>The Revolution and Everyday life</p>	<p>Assignment: 1. The French Revolution saw the rise of newspapers describing the events of each day and week. Collect information and pictures on any one event and write a newspaper article.</p> <p>2. How are the third estate people and women discriminated against in France during the monarchy regime?</p>	<p>-know about the transformation that arose during the French Revolution that led to the end of monarchy in France.</p>
June	<p>Chapter -2 Socialism in Europe and Russian Revolution</p> <p>The age of Social change Industrial society and social change</p> <p>The coming of Socialism in Europe</p> <p>Support of Socialism</p>	<p>Write an assignment on the Women's Suffrage movement.</p> <p>Make a powerpoint presentation on the Russian Revolution.</p>	<p>- know about the three estates, liberals, radicals and conservatives.</p> <p>-learn the reasons that triggered the Russian Revolution.</p>
July	<p>Chapter-2 The Russian Revolution</p> <p>The Russian Empire in 1914 Economy and society Socialism in Russia</p> <p>The first world war and the Russian Empire</p>	<p>Map: Mark the Russian empire and European countries at war during the first world war.</p>	<p>- understand that in Russia socialism became one of the most significant and powerful ideas to shape society in the twentieth century.</p> <p>-understand the reason for the First world war.</p> <p>- know about the social and political conditions in Russia.</p>
August	<p>Chapter-2 The Russian Revolution - The February revolution in Petrograd</p> <p>The revolution of October 1917</p> <p>What changes after October? The Global influence of the Russian revolution and the USSR</p>	<p>Write the headline and a short news item about the uprising of 24 October 1917 for each of the following newspapers a. a conservative paper in France. b. a Radical newspaper in Britain c. a Bolshevik newspaper in Russia.</p>	<p>-Explore the history of socialism through the study of the Russian Revolution.</p> <p>- Familiarize yourself with the different types of ideas that led to the revolution.</p>
September	<p>Chapter- 3 Nazism and the rise of Hitler</p> <p>Birth of the Weimar Republic</p> <p>Hitler's Rise of power</p> <p>The Nazi Worldview</p>	<p>Write a one page history of Germany as: i. a school child in Nazi Germany ii. a Jewish survivor of a concentration camp iii. a political opponent of the Nazi regime</p>	<p>-know about the problems faced by children and women in Nazi Germany, about schools and concentration camps.</p> <p>- understand that the story of Nazism's rise is not about a few specific events/massacres and killings.</p>

October	Chapter-3 Nazism and the rise of Hitler Youth in Nazi Germany Ordinary people and the crimes against Humanity	Imagine that you are Helmuth and you have had many Jewish friends in school and do not believe that Jews are bad. Write a paragraph on what you would say to your father.	- discuss the significance of Nazism in shaping the politics of the modern world.
November	Term 1 - Board Revision		
December	Term 1 - Board Exam		
January	Chapter-4 Forest Society and Colonialism Why Deforestation? The Rise of Commercial Forestry Rebellion in the Forest Forest Transformations in Java	Write a dialogue between a colonial forester and an adivasi discussing the issue of hunting in the forest.	-discuss the social and cultural world of forest communities through the study of specific revolts. - understand how oral traditions can be used to explore tribal revolts.
February	Chapter-5 Pastoralists in the Modern World Pastoral Nomads and their Movements Colonial Rule and Pastoral Life Pastoralism in Africa	Write a comment on the impact of closure of the forests to grazing from the standpoint of: a forester a pastoralist	-highlight varying patterns of developments within pastoral societies in different places. - analyse the impact of colonialism on forest societies, and the implication of scientific forestry. - show the different processes through which agrarian transformation may occur in the modern world. - analyse the impact of modern states, marking of boundaries, processes of sedentarization, contraction of pastures, and expansion of markets on pastoralism in the modern world.
March	Term II - Board Revision		

7.9.9 Grade-9 IT Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Information Technology(VIKAS GUPTA)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Unit 1: Communication Skills - I Importance of communication skills Methods of Communication Writing Skills	Assignment: Explain Communication Cycle.	-develop critical and innovative thinking. -display competence in oral, written, and visual communication. - learn to apply communication theories. -show an understanding of opportunities in the field of

			communication. -use current technology related to the communication field.
May	Unit 2: Self-Management Skills - I - Self Management - Positive effects of self management - Self confidence - Self confidence building Tips Unit 3: Information and Communication Technology Skills - Role and Benefits of ICT tools - Operating System - Internet - Email Applications - Digital India	Activity: Exercise regularly to feel more confident physically and mentally. Assignment: Give a brief description of the various keys present in a keyboard	- understand the develop and nurture a deep understanding of personal motivation. -develop an understanding of and practice personal and professional responsibility. -demonstrate knowledge of personal beliefs and values and a commitment to continuing personal reflection and reassessment. -discovering the milestones of ICT history; -acknowledging the role of technologies in modern society and the potential of social web; - Identifying IT uses in digital citizenship contexts.
June	Unit 4: Entrepreneurial Skills - I - Roles of Entrepreneurship - Types of business - Community business activities - Rewards of entrepreneurship Unit 5: Green Skills - I - Introduction to Environment - Ecosystem - Natural Resource Conservation - Green Economy and its Importance	"Activity: Search about the following foreign entrepreneurs and prepare a report. a) Bill Gates and b) Henry Ford"	-improve their skills in customer development, customer validation, competitive analysis, and iteration while utilizing design thinking and process tools to evaluate real-world problems and projects. -understand the identification, assessment and creation of green skills is essential in transitioning to a low-carbon economy and being able to capitalise on all the social, environmental and economic benefits that this brings.
July	Unit 6: Introduction to IT-ITeS Industry - Functional Components of a computer - Features of a computer - Types of computers - Limitations of a computer - BPM Industry in India	Activity: Search the differences between CRT, LCD and LED monitors.	- understand the basic concepts and ideas related to Information Technology (IT) and IT enabled Services (ITeS) . -describe the role of ICT in day to day life. IT applications in our daily life. - role and importance of computers in different fields. -IT enabled services of India and ICT in education

August	Unit 7: Data Entry and Keyboarding Skills - Basics of Touch Typing - RapidTyping - Viewing and Analyzing statistics	Project: Make a keyboard	-know about typing software for learning keyboarding skills. -learn that the keyboard is the most common text-based input device.
September	Unit 8: Digital Documentation - Features of a word processor - Ways of editing of text in a writer - Creating of Tables in a document - Concepts of mail merge	Assignment: Format the given document	- understand techniques of formatting a document, creating tables in a document and to use mail merge.
October	Unit 9: Electronic Spreadsheet - Starting LibreOffice Calc - Exploring the basics of LibreOffice Calc - Working with spreadsheet program - Data formatting - Exploring formulas - Exploring Charts	Activity: List down some popular spreadsheet software available in the market.	-learn to create and use spreadsheet software to manage financial data, work with formulae and functions, and develop professional-looking worksheets.
November	Term 1 - Board Revision		
December	Term 1 - Board Exam		
January-February	Unit 10: Digital Presentation - Introduction to digital presentation - Working with slides - Working with table - Inserting objects in a slide - Understanding slide master - Adding transition to a presentation	Assignment: Format the given Text for a presentation	understand and Identify the names and functions of the PowerPoint interface. Create, edit, save, and print presentations. Format presentations. Add a graphic to a presentation. Create and manipulate a simple slideshow with outlines and notes. Create slide presentations that include text, graphics, animation, and transitions. Use design layouts and templates for presentations. Create a PowerPoint presentation.
March	Term 2 - Board Exam		

7.10 Grade-10 Execution

Following are the books and notebooks for one academic year.

S#	Book Name / Notebook Specification	Type	Term
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1	Tamil (X-STD)	Textbook	Yearly
2	Maths (X-STD)	Textbook	Yearly
3	Science (X-STD)	Textbook	Yearly
4	First Flight	Textbook	Yearly
5	FOOTPRINTS WITHOUT FEET	Textbook	Yearly
6	Understanding Economic Development	Textbook	Yearly
7	Democratic Politics-II Civics	Textbook	Yearly
8	Contemporary India-II Geography	Textbook	Yearly
9	India and the Contemporary world-II History	Textbook	Yearly

7.10.2 Grade-10 Tamil Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	தமிழ் (தமிழ் பாடநூல்)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	இயல் - 1 1.அன்னை மொழியே 2.தமிழ் சொல்வளம் 3.இருக்குற மொழிகள் 4.உரைநடையின் அணிநலன்கள் 5.எழுத்து, சொல்	தேர்வு -1 இலக்கணம் - எழுத்து, சொல் ஒரு மதிப்பெண் தேர்வு. செயல் திட்டம் - 1 உரைநடையின் அணிகலன்கள் பற்றிய கருத்துக்களை தொகுத்து எழுதுக	1. தமிழ் மொழியின் செழுமை குறித்து ஆற்றலுடன் உரையாற்றுவதல். 2. மொழி தனித்தும் தொடர்ந்தும் பொருள் தரும் நுட்பத்தை பயன்படுத்துதல். 3. சொல்லாக்க விதிமுறைகளை அறிந்து புதிய சொற்களை உருவாக்குதல்.
May	இயல்-2 1.கேட்கிறதா என் குரல்! 2.காற்றே வா 3.முல்லைப்பாட்டு 4.புயலிலே ஒரு தோணி 5.தொகை நிலைத் தொடர்கள்	செயல்திட்டம் - 2 முல்லை நிலத்தின் முதற்பொருளும், கருப்பொருளும், உரிப்பொருளும் தொகுத்து எழுதுக	1. காற்று மாசுபாடு குறித்து கலந்துரையாடி விழிப்புணர்வு பெறுதல். 2. இயற்கை ஆற்றல்களை அனுபவித்து போற்றும் உணர்வைப் பெறுதல். 3. தொகை நிலைகளின் தன்மைக்கேற்ப தொடர்களை புரிந்துகொள்ளுதல்.
June	இயல்-3 1. விருந்து போற்றுவதும் 2.காசிக்காண்டம் 3.மலைபடுகடாம் 4.கோபல்லபுரத்து மக்கள்	செயல்திட்டம் - 3 உணவு, விருந்து ஆகியவை குறித்த பழமொழிகளை திரட்டி அவை சார்ந்த நிகழ்வுகளை எழுதுக. தேர்வு - 3 இலக்கணம் ஒரு மதிப்பெண் தேர்வு	1. நம் பண்பாட்டுக் கூறுகளுள் ஒன்றான விருந்தோம்பலின் மாண்பை உணர்ந்து பின்பற்றுவதல். 2. உடலை மட்டும் வளர்க்கும் உணவுகளைத்

	5.தொகாநிலைத் தொடர்கள் 6.திருக்குறள்		தவிர்த்து உணர்வை வளர்க்கும் உணவுகள் குறித்தும் செய்திகளை அறிந்து கொள்ளுதல். 3. "தொடரின் வகைகளை அறிந்து பயன்படுத்துதல்"
July	இயல்-4 1.செயற்கை நுண்ணறிவு 2.பெருமாள் திருமொழி 3.பரிபாடல் 4.விண்ணைத் தாண்டிய தன்னம்பிக்கை 5.இலக்கணம் - பொது	செயல் திட்டம் -4 விண்வெளியும், கல்பனா சாவ்லாவும் பற்றி ஒரு கட்டுரை எழுதுக. தேர்வு -4 இலக்கணம் ஒரு மதிப்பெண் தேர்வு	1. வளர்ந்து வருகின்ற தொழில்நுட்பங்கள் நம் மொழியில் பயன்படுத்த, மொழித் திறனையும் தொழில்சார் கருத்துகளையும் அறிந்து கொள்ளுதல். 2. அறிவியல் கருத்துக்களை உரையாடல் வடிவில் வெளிப்படுத்தும் திறன் பெறுதல். 3. "இலக்கணப் பிழையற்ற தொடரமைப்பு களைத் தெரிந்துகொண்டு பயன்படுத்துதல்."
August	இயல்-5 1. மொழிபெயர்ப்பு கல்வி 2.நீதிவெண்பா 3.திருவிளையாடற்புராணம் 4.புதிய நம்பிக்கை 5.வினா விடை வகை, பொருள்கோள்.	செயல் திட்டம் - 5 பெண்களுக்காக உழைத்த தமிழகத்தின்முதல் பெண் மருத்துவர் முத்துலட்சுமி அம்மையாரைப் பற்றி ஒரு தொகுப்பினை உருவாக்கி எழுதுக. தேர்வு -5 இலக்கணம்	1. மொழிபெயர்ப்பின் இன்றியமையாமையும் நுட்பத்தையும் உணர்ந்து மொழிபெயர்ப்பு பகுதிகளைப் படித்து அறிதல். 2. கல்வி சார்ந்த கருத்துக்களை செயல் வாயிலாக அறிந்து இன்றைய கல்வியுடன் ஒப்பிட்டு அறிதல். 3. பொருள்கொள்ளும் முறையை அறிந்து செயலின் பொருளைப் புரிந்து கொள்ளுதல்.
September	இயல்-6 1. நிகழ்கலை 2.பூத்தொடுத்தல் 3.முத்துக்குமாரசாமி பிள்ளைத்தமிழ் 4.கம்பராமாயணம்	செயல் திட்டம் - 6 நெகிழிப்பைகளினால் ஏற்படும் தீமைகளைப் பற்றி அவற்றின் கருத்துக்களைத் தொகுத்து எழுதுக. தேர்வு -6 இலக்கணம்.	1. தமிழர்தம் நிகழ்வுகளின் மேன்மையை அறிந்து, அவற்றை வளர்க்கவும் நிலைபெறச் செய்யவும் தங்களின் பங்களிப்பை விளக்குதல். 2. எளிய சொற்களும் கருத்துகளும் கவிதை பொருளாகும் தானே கற்றல். 3. கதைகளைப் படித்து மையக்கருத்து உணர்தல் மற்றும் கதைகளை கலந்துரையாடல்.
October	இயல்-6 5. பாச்சல் 6. அகப்பொருள்	தேர்வு -7 மனப்பாடத் திருக்குறள் தேர்வு.	1. தமிழ் புறத்திணைப் பகுப்பின் நுட்பத்தை அறிந்து தமிழரின் போர் முறைகளைப் புரிந்துகொள்ளுதல்.

	இலக்கணம் 7. திருக்குறள்		2. திருக்குறளின்மையக் கருத்தினை அறிந்து தம் வாழ்வின் நடைபெறச்செய்தல்
November	பருவம் -1 பொதுத்தேர்வு திருப்பதல்.		
December	பருவம் -1 பொதுத்தேர்வு		
January	முன்மாதிரி பொதுத்தேர்வின் திருப்பதல்		
February	பருவம் -2 பொதுத்தேர்வு திருப்பதல்		
March			

7.10.3 Grade-10 English Syllabus coverage, project/activity plan and learning outcomes.

Text Book 1 Name	FIRST FLIGHT		
Text Book 2 Name	FOOTPRINTS WITHOUT FEET		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Prose: A letter to God Poem: Dust of snow, Fire and Ice Supplementary Reader: A triumph of surgery Grammar: Modals	Assignment: Write a summary about "A letter to God".	-comprehend the story that has the central point: never lose hope in adverse situations. -comprehend the poem's inner meaning of life. -comprehend the poet's view that both ice and fire can bring probable end to this world. -learn that excess of anything is bad.
May	Prose: Nelson Mandela Poem: A tiger in the zoo Supplementary Reader: The thief's story Grammar: Determiners	Poster making: Collect the picture of National leaders of African countries.	-understand the struggle of South Africans. -comprehend the poet's view about freedom for wild animals. -understand the writer's vision about Hari's life
June	Prose: Two stories about flying. Poem: The ball poem Supplementary Reader: Footprints without feet	Activity: Narrate the summary of "Two stories about flying".	-understand that a calm mind can help to tackle direst stress. -understand the boy's grief. -learn about the value of memories. -comprehend the life of an invisible scientist.

July	Prose: From the Diary of Anne Frank The hundred dresses-I Grammar: Reported speech	Speech: Life of Anne Frank	-comprehend the life of Anne Frank. -know about different people with similar potential and emotions. -learn about correct usage of reported speech.
August	Prose: The Hundred dresses II Poem: Amanda, Animals Supplementary Reader: The making of a scientist. Grammar: Tenses	Assignment: Write a paragraph on: Making of a scientist Speech: Responsibilities of children at school and outside Do the worksheet on tenses.	-know students' responsibilities at school. -Understand the poet's aim of cultivating the feeling of brotherhood. -comprehend the poet's keen desire to live with animals. -comprehend the author's curiosity and a will to win for the right reasons that made him successful. -learn the correct usage of tenses
September	Prose: Glimpses of India Poem: The tale the custard the dragon Supplementary Reader: The Necklace Grammar: Subject verb agreement	Project: Poster making about 'Glimpses of India'	-understand the tradition of Goan village. -comprehend the traditional practices of Arabs and the Greeks. -comprehend the tale of how Matilda's desire to have more, led her to ruin. -understand the value of pet animals. -learn to correctly apply the subject-verb agreement rules in the given exercise.
October	Prose: Madam rides the bus Supplementary Reader: The Hack driver Grammar: Reported speech	Assignment: Write an essay on 'Madam rides the bus'.	learn that with focused attention we can achieve something. -learn the Ideals of honesty in life. -learn the correct usage of reported speech.
November	Term 1 - Board Revision		
December	Term 1 - Board Exam		
January	Prose: The Sermon at Benares, The proposal Supplementary Reader: Bholi Writing part: Letter writing	1. Make a mind map on 'The Sermon at Benares'. 2. Paragraph writing: Importance of Education.	-know about the life of Buddha. -understand that death is common to all. - learn that neighbours must have a cordial relationship and to develop the skill of fabricating a story. -understand the Ideals of education
February	Term 2 - Board Revision		
March	Term 2 - Board Exam		

7.10.4 Grade-10 Maths Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	NCERT- Mathematics
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Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	1. Real Numbers 2. Polynomials	Quiz on HCF and LCM of numbers.	<ul style="list-style-type: none"> - understand the concept of the fundamental theorem of arithmetic and rational numbers and their decimal expansions. - comprehend the relationship between the zeros and coefficients of a polynomial. - find out all the zeros of given polynomials.
May	Summer holidays	Assignment - Collect all the basic formulae and definitions of 1. Number systems 2. Polynomials 3. Circles 4. Surface Areas and Volumes 5. Statistics	Building knowledge on the foundation concepts for class X mathematics.
June	3. Pair of Linear Equations in Two Variables	Graph activity: Find the solution of a pair of linear equations using graph	<ul style="list-style-type: none"> - learn about systems of linear equations in two variables. - solve by graphical and algebraic methods. - solve simple problems from different areas.
July	4. Coordinate Geometry	Graph activity: Find out the distance between any two points in the cartesian plane on a graph paper.	<ul style="list-style-type: none"> - understand the concept of distance and sectional formulae. - find the distance between two points. - find the coordinates of the point which divides the line segment - learn to join two given points in a given ratio.
August	5. Triangles	Lab activity: 1. To verify that the ratio of areas of two similar triangles is equal to the ratio of the square of their corresponding sides. 2. To verify Pythagoras theorem by inductive and deductive methods.	<ul style="list-style-type: none"> - learn about congruent figures - study about the similarity of geometric figures. - learn about criteria for similarity of triangles. - study about Pythagoras theorem. - solve simple problems using theorems.
September	6. Introduction to Trigonometry	Lab activity: 1. Verify the basic proportionality theorem. 2. Find trigonometric ratios using various methods.	<ul style="list-style-type: none"> - learn about trigonometric ratios and trigonometric identities. - solve simple problems using ratios and identities.
October	7. Areas related to Circles 8. Probability	1. Find the areas of combinations of plane figures. 2. Find the probability of given events.	<ul style="list-style-type: none"> - understand the concepts of sector and segment. - recall about perimeter and area of a circle - find the areas of combinations of plane figures.

			<ul style="list-style-type: none"> - understand the concept of probability. - find the probability for the occurrence of different events.
November	9. Quadratic Equations	Express daily life situation related problems into the form of quadratic equations and solve them.	<ul style="list-style-type: none"> - understand how to form quadratic equations and find the nature of roots. - find the roots of quadratic equations by factorisation method and complete the square.
December	10. Arithmetic Progressions 11. Circles	lab activities: 1. Verify whether the given sequence is in A.P or not by paper cutting and pasting method. 2. Find the length of tangents and radius of the circle.	<ul style="list-style-type: none"> - understand the concept of Arithmetic Progressions. - find the last term and the sum of first and nth terms of an AP. - understand the concept of tangent. - solve simple problems based on tangents.
January	12. Constructions 13. Some Applications of Trigonometry	1. Construct tangents to a circle. 2. Solve daily life situations related problems using trigonometric ratio.	<ul style="list-style-type: none"> - learn to construct tangents to a circle - find the heights and distances using trigonometry.
February	14. Surface Areas and Volumes 15. Statistics	1. Find the mean, median and mode of the given data Lab activity. 2. Verification of curved surface area of a cone by paper cutting activity.	<ul style="list-style-type: none"> - find the surface area and volume of a combination of solids. - find the mean, median and mode of the given data.
March	Revision	Revision	Revision

7.10.5 Grade-10 Physics Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	SCIENCE (NCERT)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April & June	10. LIGHT- Reflection and Refraction.	Activity: Form the image of the sun on a paper by reflecting the sun's rays focused on a concave mirror. Experiment : To find out the types of spherical mirrors and lenses. Assignment:	<ul style="list-style-type: none"> -learn to distinguish reflection and refraction, concave and convex mirrors and lenses. -understand the concepts, convergence and divergence, -understand the laws of reflection and refraction. -learn to draw ray diagrams and predict the position and nature of images., -know the centre of curvature, radius of curvature, focal length, aperture etc. -understand the relationship between (i) focal length and radius of curvature, (ii) focal length and power.

			<ul style="list-style-type: none"> -learn the applications of spherical mirrors and lenses in daily life situations, in microscopes etc.. - learn to work out problems involving focal length, distance of object and distance of image from the mirror/lens -understand magnification -learn the application of mirror and lens formula in finding the position and nature of images and magnification, etc.
May	Summer holidays - Complete the worksheets given on light chapter		
July-August	11. The Human Eye and the colourful world.	<p>.Activity : Refraction of light through a triangular glass prism.</p> <p>Project Activity: Which kind of corrective lens do you have in your spectacles? What is its power and its corresponding focal length?</p>	<ul style="list-style-type: none"> - learn the structure of the human eye and its various parts and their functions. -understand how the lens in the human eye can alter its thickness and focal length and also controls the amount of light that goes into the eye that is altered depending on the external light. -learn the nature of the image formed on the retina and how the human eye interprets it. -come to know of various eye defects and how they are rectified. -understand the value of the human eye and the need for eye donation to the needy. -learn about atmospheric refraction and its origin -understand the phenomenon of rainbow formation , atmospheric refraction and its effects -learn to convert the power of the lens into its focal length and vice versa.
September-October	12. Electricity	<p>Experiment : Find the resistance of a system of Resistors when resistors are in combination.</p> <p>Assignment: Complete the given worksheets</p>	<ul style="list-style-type: none"> -understand the origin of charges, driving force for movement of charges, potential, potential difference, electric current and its units, electric circuit, open and closed circuits.. -learn the symbols for the components used in electric circuits. -learn the difference between the actual and conventional directions of electric current.

		<p>Project: Note the units of electricity used by your household during a month and calculate the electricity bill.</p>	<p>-learn Ohm's law, relationship between potential, current and resistance, graphical representation of Ohm's law, determination of resistance from V-I graph.</p> <p>-learn about parallel and serial combination of resistors and the derivation for effective resistance,</p> <p>-understand the applications of parallel and serial connection of resistors in real life situations.</p> <p>-understand the factors that affect resistance and the relationship between resistance and the relationship between resistance and resistivity</p> <p>-learn to distinguish good conductors, semiconductors, poor conductors and insulators.</p> <p>-understand heating effects of electric current and their applications in real life.</p> <p>-learn about Joule's law.</p> <p>-learn about fuse and its capacity, domestic electric circuits, their schematic representation, comparison of serial and parallel electrical connections.</p>
November and December	Revision and Term I Board Examination		
January	13. Magnetic effect of Electric current.	<p>Discussion: Earth's magnetic field. Why does a freely suspended magnet always align itself in the N-S direction?</p> <p>Activity : To draw the magnetic field lines using Bar magnet and Magnetic compass needle on a paper.</p> <p>Project : To make a pattern of Magnetic field lines around a magnet.</p>	<p>-learn about magnets and their properties, magnetic field lines and their characteristics</p> <p>-understand about the electromagnetic effect and that the direction of magnetic field produced when current flows through a straight conductor depends on the direction of the current.</p> <p>-learn that the strength of the magnetic field at any point near the conductor depends on the length of the conductor, current through the conductor and distance from the conductor,</p> <p>-understand that the magnetic field generated around the current carrying loop and solenoid depends on the strength of the current and radius.</p>

		Discussion: to discuss electric motors with the model.	-learn that the solenoid can be used to obtain electromagnets. -learn about the differences between electromagnet and permanent magnet, direct current and alternating current. - learn about the parts and functioning of electric motors and electric generators. - the role of split rings and - know about the overloading and short circuit.
February	14. Sources of Energy	Assignment :Latest alternative fuels developed for vehicles . Activity : Discuss about the Improvements in the technology for using non conventional sources of energy.	-know about characteristics of good fuel, conventional sources of energy, renewable and non-renewable sources,bio gas plant, production of electricity from various sources of energy, nuclear energy. the importance of conservation of non-renewable sources of energy like coal and petroleum as well as the need to look for alternative sources.
March	Revision and Term-2 Board Examination		

7.10.6 Grade-10 Chemistry Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	Science (NCERT)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Chapter-1 Chemical reactions and equations Chemical and physical changes and the differences between them. -Chemical equations word equation, skeletal/unbalanced equation/ balanced chemical equation Law of conservation of mass Types of chemical reactions: combination, decomposition, displacement, precipitation, neutralization, oxidation, reduction, redox reaction, exothermic and endothermic	Lab experiments 1. Action of water on quick lime 2. Effect of heat on ferrous sulphate and lead nitrate crystals 3. Behavior of an iron nail kept in copper sulphate solution 4. The reaction between Zn and dilute sulphuric acid 5. Oxidation of magnesium	-acquire the basic understanding of chemical reactions - Identification of chemical reactions on the basis of their characteristics. - Infer different types of chemical reactions

	reactions, neutralization, combustion, oxidation, corrosion etc.	6. Reaction between solutions of barium chloride and sodium sulphate. Assignment: i. List five examples for each: physical and chemical change ii. List the observations that one may see in chemical reactions with one example for each.	
May	Summer holidays Assignment: Write 5 chemical examples for each type of reaction		
June	Chapter-1 Chemical reactions and equations The effect of Oxidation and Reduction in everyday life Corrosion Rancidity	Reaction between solutions of sodium sulphate and barium chloride	.They will be able to distinguish between oxidation and reduction
July - August	Chapter - 2 Acids, Bases and Salts General properties of acids and bases Chemical reactions of acids and bases Concept of pH and its importance in everyday life Different properties of salts and their uses	Lab activities: i. The reaction between acids and bases ii. The reaction between sodium carbonate and hydrochloric acid iii. Acids and base test using litmus paper and indicators Assignments: i. Write the differences between a: strong acids and weak acids, mineral acids and organic acids, concentrated acids and dilute acids. ii. natural, synthetic and universal indicators and their colour changes during pH change. iii. Preparation of sodium bicarbonate, sodium hydroxide, sodium carbonate, bleaching powder and their reactions with acids and their uses iv. chloralkali process.	-understand the concept of acids,bases and salts. -learn to interpret the properties of acids and bases into relevant chemical equations. -recognize the importance of pH in everyday life. -understand different properties of salts and their uses

		iv. neutral, acidic and basic salts.	
September	Chapter - 3 Metals and Non-Metals Physical and chemical properties of metals and non-metals Reactivity series Formation and properties of ionic compounds Occurrence of metals, minerals and ores Extraction of ores Corrosion and its prevention	Lab activities: To observe the action of Zn , Fe , Cu , & Al metals on the following salt solutions . - ZnSO_4 (aq) - FeSO_4 (aq) - CuSO_4 (aq) - $\text{Al}_2(\text{SO}_4)_3$ (aq)	- students acquire knowledge of properties of metals and non-metals. - Identify the position of metals in the reactivity series. - learn the metallurgical processes which should be employed to isolate a metals from their ores based on the position of a metal in the reactivity series. Electrolytic refining and electrolysis.
October	Term 1 - Revision for Term 1 Board Exam		
November	Term 1 Board Exam		
December	Chapter - 4 Carbon and its Compounds Introduction about carbon and its compounds The covalent bond Versatile nature of carbon Tetravalency and catenation Saturated and Unsaturated carbon compounds Homologous series and their characteristics Nomenclature of carbon compounds Allotropes of carbon (diamond, graphite and buckminsterfullerene)	-Construction of three dimensional models of methane, ethane, graphite, buckminsterfullerene etc.	- learn why carbon is versatile and why carbon shows the catenation property. -know the importance of organic compounds - Able to classify the organic compounds and name them based on IUPAC rules - identify the functional groups, understand homologous series -distinguish combustion and oxidation, saturated and unsaturated compounds
January	Chapter - 4 Carbon and its Compounds - Chemical properties of carbon compounds - Combustion - Oxidation - Addition - Soaps and Detergents	Activity: Differences saturated and unsaturated carbon compounds on the basis of combustion test and chemical method Test the foaming capacity of soap in hard and soft water Learn to prepare soap.	- learn the preparation, properties and uses of ethanol and ethanoic acid - differentiate soaps and detergents on the basis of their structure, cleansing action and environmental impact. -learn to distinguish hard and soft water and to transform hard water into soft water. -explain why unsaturated compounds are more reactive than saturated compounds.
February	Chapter - 5 Periodic classification of elements - Early attempts at the classification of elements	Assignment: Write briefly how Mendeleev constructed the periodic table and what was the basis.	- understand the need for classification of elements -learn the various classifications that culminated in the Modern periodic table.

	<ul style="list-style-type: none"> - Dobereiner's law of triads - Newland's law of Octaves - Mendeleev's Periodic table - strengths and shortcomings of Mendeleev's periodic table - Modern periodic table - Position of elements in modern periodic table, periodic properties (atomic radius, size of the atom, metallic and non metallic character, electropositive and electronegative nature, electronegativity, electron affinity, valency and valence electrons and their variation along periods/groups). - Trends in the modern periodic table - Differences between Mendeleev's periodic table and Modern Periodic table 	Activity . -Solve the given puzzles based on correlation of an element to its properties with its position in the periodic table.	-recognize the basis of classification of the modern periodic law and its development. -learn to predict the properties of elements on the basis of their position in the periodic table. - learn to write the electronic configuration and valency from the atomic numbers and identify the position of the elements in the modern periodic table. - learn to predict the trends in the properties of elements when one moves across the periods and down the groups. -understand the differences between Mendeleev's periodic table and Modern Periodic table
March	Term - 2 Revision & Board Examination		

7.10.7 Grade-10 Biology Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	SCIENCE (NCERT)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Term 1 Chapter 6 - Life Processes What are life processes? Nutrition: Autotrophic and heterotrophic modes Nutrition and Respiration in human beings	Lab activity: Prepare a temporary mount of a leaf peel to study stomata.	-analyse and perceive the mechanism of photosynthesis -find out the role of different enzymes and organ systems in the functions of the body. - study about the mechanism of respiration in man.
May	Chapter 6 - Life Processes - Transportation in human Blood circulation in human heart Transportation in plants	Activity: Draw schematic sectional view of the human heart.	-know about blood vessels and their functions. - -understand double circulation in human beings
June	Chapter 6 - Life Processes Excretion in human beings Hemodialysis	Activity: Draw schematic sectional view of the excretory system in human beings.	-learn about excretion in human beings and plants.

	Excretion in plants		
July	Term 2 Chapter 15 - Our Environment - Ecosystem and its components Food chains and food webs Ecological pyramids and 10% law	Independent student activity Draw a food chain, food web and ecological pyramid in an A4 sheet.	-comprehend biotic and abiotic components of the ecosystem. -know about the benefits of decomposers.
August	Term 2 Chapter 15 - Our Environment Ozone layer depletion - Biomagnification - Waste disposal methods	Independent student project Prepare a poster on: How to preserve our environment?	-understand the impact of ozone layer depletion on the environment and living systems. -know about the benefits of decomposers. -have critical thinking to understand 10% law -understand the need for the coexistence of all living systems, viz. ecological balance.
September	Chapter 8 - How do organisms Reproduce? - Reproduction definition and salient features Asexual and Sexual Reproduction Vegetative propagation: Advantages & disadvantages	Subject enrichment activity: Prepare a chartwork - Asexual reproduction methods with diagrams. Project: Study binary fission and budding in amoeba and hydra.	-understand the need of reproduction for the continuity of life on the planet.
October	Chapter 8 - How do organisms Reproduce? Reproduction in plants Reproduction in Man Reproductive Health, Population control and STDs	Classroom activity: Study about the cross sectional view of hibiscus flowers. Independent student Project: Draw diagrams of male and female reproductive systems in A4 sheet. Understand the need to maintain reproductive health and population control and avoid STDs.	-know steps taken by the government to check population explosion & STDs
November	Term 1 - Revision for Term 1 Board Exam		
December	Term 1 Board Exam		
January	Chapter 9 - Heredity Some important words used in genetics Mendel's contribution in inheritance - Sex Determination	Subject enrichment activity Prepare a chartwork on monohybrid and dihybrid cross.	-comprehend the new terms pertaining to genetics -study about sex determination in human beings.

February	Chapter 16 - Management of Natural resources Forests and wild life conservation Water harvesting Coal and Petroleum Chipko movement	Project: Prepare an assignment on sustainable management of natural resources.	-analyze the role of forests, wildlife and water. -learn to reduce the use of resources. -learn to implement 5Rs for sustainable development.
March	Term 2 - Board Exam		

7.10.8 Grade-10 Social Syllabus coverage, project/activity plan and learning outcomes.

Text Book Name	NCERT Textbook- History(India and the Contemporary World-II)		
Month	Lesson / Topics / Chapter	Activity / Projects	Learning outcomes
April	Chapter-1 The Rise of Nationalism in Europe -The French Revolution and the Idea of the Nation -The Making of Nationalism in Europe - The Age of Revolutions: 1830-1848	Establish the relationship and bring out the difference between European nationalism and anti-colonial nationalisms. Complete the given worksheet on the above topic	- understand the various forms in which nationalism developed along with the formation of nation-states in Europe in the post-1830 period . -comprehend the way the idea of nationalism emerged and led to the formation of nation states in Europe and elsewhere.
May	Chapter-1 The Rise of Nationalism in Europe - The Making of Germany and Italy - Visualizing the Nation - Nationalism and Imperialism	Find out more about national symbols in countries outside Europe.for one or two countries, collect examples of pictures, posters or music that are symbols of nationalism. Compare the lifestyles of aristocracy and the emerging middle class.	-will enable students to understand the importance of nationalism that could inspire children to develop patriotic feelings.
June	Chapter-2 Nationalism in India -The First World War, Khilafat and Non - Cooperation -Differing Strands within the Movement	Assignment: Recognize the characteristics of Indian nationalism through a case study of Non-Cooperation and Civil Disobedience Movement. Explain how Mahatma Gandhi inspired different sections of society to unite together to embark on the Freedom struggle.	-familiarize students with the writings and ideals of different political groups and individuals, notably Mahatma Gandhi on freedom movement. -analyze the nature of the diverse social movements of the time. Will inspire students to develop a sense of selflessness and motivate them to contribute to social welfare.
July	Chapter-2 Nationalism in India -Towards Civil Disobedience - The Sense of Collective Belonging	Find out about the anti-colonial movement in Indo-China. Compare and contrast India's national movement with the ways in which	-familiarize with the writings and ideals of different political groups and individuals -appreciate the ideas promoting Pan Indian belongingness

		Indo-China became Independent. Write an assignment on romanticism and its impact on nationalistic movement.	
August	Chapter-3 The Making of a Global World	Prepare a flow chart to show how Britain's decision to import food led to increased migration to America and Australia.	- understand about the process of industrialization and its impact on labour class
September	Chapter-3 The Making of a Global World -The Pre-modern world - The Nineteenth Century (1815-1914) - The Inter war Economy - Rebuilding a World Economy: The Post-War Era	Imagine that you are an agricultural worker who has arrived in America from Ireland. Write a paragraph on why you chose to come and how you are earning your living.	-show that globalization has a long history and point to the shifts within the process. - Analyze the implication of globalization for local economies. - learn how globalization is experienced differently by different social groups.
October	Chapter-4 The Age of Industrialisation -Before the Industrial Revolution - Hand Labour and Steam Power - Industrialization in the colonies - Factories Come Up - The Peculiarities of Industrial Growth - Market for Goods	A worksheet on the Age of Industrialisation and the beginning of Steam Engine. Discuss the pros and cons of industrialization.	- understand about the process of industrialization and its impact on the labour class. - explain about industrialization in colonies in reference to textile industries.
November & December	Revision and Term -I Board Examination		
January	Chapter-5 Print Culture and the Modern World - The First Printed Books - Print Comes to Europe - The Print Revolution and its Impact - The Reading Mania	Familiarize yourself with pictures, cartoons, extracts from propaganda literature and newspaper debates on important events and issues in the past. Discuss how development in printing technology improves the knowledge and lifestyle of people.	Will help students to understand how fortunate they are to have notebooks and books on various fields. This will also help students to know how technological developments in one field could lead to tremendous development in others.
February	Chapter-5 Print Culture and the Modern World -The Nineteenth Century - India and the World of Print - Religious Reform and Public Debates - New Forms of Publication - Print and Censorship	Find out more about the changes in print technology in the last 100 years. Write about the changes, explaining why they have taken place, what their consequences have been.	-understand that forms of writing have a specific history, and that they reflect historical changes within society and shape the forces of change
March	Revision and Term II - Board Revision		

8 Eco Friendly Practices

A Green School is a resource-efficient school that meets most of the criteria given below:

- a. Window Floor Ratio (WFR) more than 15 per cent
- b. Maximum use of energy efficient lighting to conserve energy and use of alternative sources of energy.
- c. Rainwater is harvested through Rainwater Harvesting (RWH) systems..
- d. Segregate waste at source efficiently and dispose responsibly. Recycling at least 90 per cent of the waste is recommended
- e. Organic waste is composted and used for plants.

8.1 Measures to Save Resources and Reduce Expenses

- a. Photocopying is minimized and used only when it is very necessary.
- b. Envelopes are not wasted for unclassified documents.
- c. Communication is done within and outside school by e-mail and WhatsApp (including exchange of information, issue of invitation).
- d. Staff are prompted to use their own cups instead of paper cups for taking tea/coffee
- e. The settings of the photocopier or printer are done before switching on, to minimize wastage of paper.
Photocopying and printing is done on both sides of the paper
- f. Blank side of used paper is used to make notepads and for internal communication.
- g. Students are encouraged to keep their old note books and routine daily test papers for paper recycling.
- h. Economy is practised in using electricity for lighting by using compact fluorescent lamps (LED) wherever practicable
- i. All windows, light bulbs and light fittings are kept clean to ensure optimum lighting performance.
- j. Only those lightings that are essential for safety, security or other specific purposes in areas that are frequently occupied are used
- k. Push-type taps are used in rest rooms and washbasins.
- l. Students are discouraged from playing with water in rest rooms and washbasins and they are asked to flush toilets to the optimum.
- m. Plants in the school campus are irrigated using drip irrigation in the evening to reduce the pace of evaporation of water and allow the moist conditions around the plant to remain for a longer time.
- n. Prompt steps are taken to mend leaking water taps / water lines.
- o. Waste water from RO plants are used for floor cleaning and this water after cleaning with mops in turn is used for watering plants.