



**TAGORE INTERNATIONAL SCHOOL
VASANT VIHAR, NEW DELHI
PARENTS SYLLABUS (2020-21)**

**CLASS : IX
OCTOBER-MARCH**


Subject	Topics Covered / No. of Periods	Learning Outcomes	Activities	Assessments
OCTOBER				
Math	<p><u>Probability</u></p> <ul style="list-style-type: none"> ● Introduction ● Probability _ an Experimental Approach <p><u>Quadrilaterals</u></p> <ul style="list-style-type: none"> ● Introduction ● Angle Sum Property of a Quadrilateral ● Types Of Quadrilaterals ● Properties of parallelogram ● Another condition of a quadrilateral to be a parallelogram ● The Mid Point Theorem 	<p>Each student will be able to:-</p> <ul style="list-style-type: none"> ● Compute the probability of any event. ● Analyze daily life facts with the help of probability and hence obtain conclusions. ● Support the concept with its wide applications in other disciplines like Genetics. <p>Each student will be able to:-</p> <ul style="list-style-type: none"> ● Identify different types of quadrilaterals. ● Recall the definition of quadrilaterals Design different quadrilaterals under given conditions. ● Apply the concept of parallelogram. ● Distinguish between rectangle, rhombus and square using the properties of parallelogram. 	<ul style="list-style-type: none"> ● Verification of probability of events Theory of probability in tossing of coins ● Rolling of dice ● Finding the probability of a,e,i,o and u in a page of their math book / news paper. etc <ul style="list-style-type: none"> ● Activity : Verification of Mid-Point Theorem ● Activity : PowerPoint Presentation <p>The students to work in groups , and present the contents of the chapter through power point presentation with the help of 12-15 slides</p>	<p>Educsoft Assignments</p> <p>MCQ - Google forms</p> <p>Worksheet/assignments in Google Classroom</p> <p>Google docs / Jam board/ whiteboard.fi.com activities</p> <p>Weekly test (25 marks)</p>

		<ul style="list-style-type: none"> Apply the Mid-point theorem and solve problems related to the midpoint of sides of a triangle. 		
English	<p>DISCUSSION OF MID TERM PAPER</p> <p>Literature: BEEHIVE</p> <p>Packing(PROSE)</p>	<p>Each child will be able to:</p> <p>*Identify errors in content, language structures, punctuation, organisation and sequencing of content, missing key words/ value points</p> <p>*Attempt corrections of all incorrect answers based on the MS and value points discussed.</p> <p>*Complete a web chart listing traits of the characters of George, Harris Jerome and Montmorency</p> <p>*prepare a list of five questions based on understanding</p> <p>*Justify the title of the story</p> <p>*Identify instances of humour in the story - Comical situations/ play on words/ the author's ability to laugh at himself</p> <p>*frame answers to reference to context questions</p> <p>*compare ancient learning with virtual learning</p> <p>* list traits of a good packer in a web chart-work on jamboards</p>	<p>Flipped Classroom</p> <p>*Students to watch the short movie on 'Three men in a Boat' and read up on Jerome K Jerome</p> <p>(Short movie Three men in a Boat'</p> <p>https://www.youtube.com/watch?v=u9xvrbfyKGQ- Audiobook)</p> <p>*Hold a Class Discussion on humour in literature</p> <p>*Techniques adopted by Author</p> <p>*Form small groups to discuss the story</p> <p>Whole group instruction</p> <p>-Discussion</p> <p>-Concept mapping on Jamboard</p> <p>-AMP box techniques used for questioning</p>	<p>Worksheet- google doc</p> <p>Assessment worksheet - Google Doc</p> <p>MCQ on google form</p> <p>Jamboard / whiteboard activities</p> <p>Exit Ticket - three takeaways from the passage</p>

			Individual tasking- Dictionary work for vocabulary list -Completion of table - Students prepare five questions	
Hindi	अर्ध आवधिक परीक्षा-चर्चा कविता -एक फूल की चाह कथात्मक जीवन्तता ,करुणा छुआछूत की समस्या ,कारण तथा निवारण पर चर्चा ,कविता के मूलभाव एवं आशय से परिचय	कविता से कहानी के रूप में परिचित होते हुए दो से तीन वाक्य बोल पाएगा कविता को कहानी के रूप में लिख पाएगा चर्चा में भाग ले पाएगा दिए गए प्रश्नों के संभावित तथा सटीक उत्तर लिख पाएगा	कविता का कहानी रुपान्तरण कहानी का कक्षा में वाचन	लिखित तथा मौखिक कार्य के माध्यम से प्रश्नोत्तर के द्वारा कविता को कहानी के रूप में परिवर्तित करने के माध्यम से
Science Chemistry	Atoms and molecules What is an atom? Chemical symbols Atomic number and Atomic mass Molecules Valency Formation of ions	Define atomic mass. Interpret the number of atoms and molecules from their symbols. Define molecules Comprehend the concept of valency Write the electronic configurations of first twenty elements along with their valency	EXPERIENTIAL ACTIVITY Pick and click - Find 5 elements and 5 compounds at home . Click all in one frame, name them and write 5 scientific facts . PRACTICAL - Verification of law of conservation of mass in a chemical reaction.	Educsoft Assignments MCQ - Google forms Google docs Entry & Exit tickets from the class Worksheets Graphic Organisers Weekly Test
Physics	PHYSICS -	Solve numericals based on the concept		

<p>Biology</p>	<p>GRAVITATION - Numericals on free fall, weight and mass Density Buoyancy Archimede's Principle</p> <p>Why do we fall ill? Continued,,,,, Principles of treatment Principles of prevention</p>	<p>Define density</p> <p>*Define buoyancy</p> <p>State Archimedes Principle</p> <p>*Define and differentiate density and relative density of a substance</p> <p>Perform th experiment on simulation Observe the readings with accuracy and precision</p> <p>Make proper observation table. Draw diagrams of the apparatus</p> <p>apply scientific concepts in daily life and solving problems, such as, takes preventive measures to control disease causing agents</p> <p>DISCUSSION OF MID TERM PAPER</p>	<p>EXPERIENTIAL ACTIVITY</p> <p>Does it Float or sink ?- take different vegetables and immerse in water and tabulate and analyse their findings .</p> <p>Rainbow in a jar</p> <p>Baloon flinker</p> <p>PRACTICAL - To find the density of a given solid</p> <p>Concept map on various factors responsible for causing diseases in human beings.</p> <p>Art integration- Poster on diseases their causes & symptoms</p> <p>Vaccination card activity</p>	<p>Educsoft Assignments</p> <p>MCQ - Google forms</p> <p>Google docs</p> <p>Entry & Exit tickets from the class</p> <p>Worksheets</p> <p>Graphic Organisers</p> <p>Weekly Test</p> <p>Educsoft Assignments</p> <p>MCQ - Google forms</p> <p>Google docs</p> <p>Worksheets</p> <p>Graphic Organisers</p> <p>Weekly Test</p>
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Soc. Sc.	<p>DISCUSSION OF MID TERM PAPER</p> <p><u>Poverty as a Challenge</u></p> <ul style="list-style-type: none"> ■ Introduction: Case studies ■ Poverty as seen by social scientists ■ Poverty line ■ Poverty estimates ■ Vulnerable groups ■ Inter-state disparities ■ Global poverty scenario ■ Causes of poverty <ul style="list-style-type: none"> ■ Anti-poverty measures ■ The challenges ahead 	<p><u>Each child will be able to:</u></p> <ol style="list-style-type: none"> 1) share the meaning of poverty; 2) discuss the link between poverty & issues like landlessness, unemployment, family size, etc.; 3) elaborate on the view of social scientists on poverty; 4) tell about the concept of 'poverty line'; 5) explain the nature of poverty at the national & global levels; 6) describe the causes of poverty & the governmental poverty alleviation programmes. 	<p><u>Application activities:</u></p> <ul style="list-style-type: none"> ▪ Think-and-share ▪ Guided reading questions <p><u>Practice activities:</u></p> <ul style="list-style-type: none"> ▪ Worksheet ▪ 'Act it out!' ▪ Question Framing <p><u>Assessment activities:</u></p> <ul style="list-style-type: none"> ▪ Question chain ▪ Reflections 	<p>Assessment through Google Forms</p> <p>Assignments Questions based on Bloom's Taxonomy</p> <p>Oral questioning using AMP technique</p>
संस्कृतम्	<p>*अर्धावधिकी परीक्षा चर्चा</p>	<p>छात्र -</p>	<p>अर्धावधिकी परीक्षीय सुधार कार्य करना।</p>	<p>मौखिकप्रश्नोत्तरी, लिखितकार्य,</p>

	<p>कालांश – 1</p> <p>*सिकतासेतु:</p> <p>कालांश – 5</p>	<p>प्राप्तांक व त्रुटियों पर चर्चा विचार करके उनका सुधार कार्य कर सकेगा।</p> <p>‘रेत का पुल’ अमुक शीर्षक पर अपने विचार बता पाएगा।</p> <p>कथानक संबंधी प्रश्नों के उत्तर दे पाएगा।</p> <p>कथानक के सार को क्रमबद्ध करके लिख सकेगा।</p>	<p>कथानक के पठन व सरलार्थ के पश्चात् प्रश्नोत्तरादि अभ्यासकार्य करना।</p> <p>कथानक में से प्रश्ननिर्माण करना।</p> <p>कथानक के सार को क्रमबद्ध शैली में लिखना।</p>	<p>क्विज़ तथा</p> <p>जैमबोर्डगतिविधि</p> <p>गूगलप्रपत्र द्वारा</p> <p>मूल्यांकन किया जाएगा।</p>
French	<p>Les Loisirs</p> <p>Les Sports</p> <p>L’Imparfait</p> <p>La Tour de France</p>	<p>Students will be able to –</p> <p>List the various hobbies of french students and compare them with those of the Indian students.</p> <p>Conjugate verbs in the Imparfait form and use them in sentences.</p> <p>Understand a comprehension passage on Tour de France and answer questions based on it.</p>	<p>JamBoard - Les sports / Les loisirs</p> <p>Mots Croises.</p> 	<p>Allez-viens : Les loisirs et les sports (Assessment of Listening Skill)</p> <p>Class Test – Imparfait (Assessment Based Activity)</p>

Home Sc.	Discussion of mid-term paper RESOURCE MANAGEMENT <ul style="list-style-type: none"> ● Definition ● Characteristics ● Classification 	Students will be able to- <ul style="list-style-type: none"> ● Define resources ● Enumerate the characteristics of resources ● Classify resources as human or non-human 	Collaborative learning Make it personal (identify the resources that you possess)	Oral questioning Peardeck Google form
Com. App.	Discussion of Mid Term Exam Chapter-5 Computer Networking , Multimedia Basics <ul style="list-style-type: none"> ● Introduction ● Define Network ● Types of Network ● Network Topology 	Students will be able to: <ul style="list-style-type: none"> ● Define Internet ● List the requirements to use the internet. ● Identify type of network in school, in banks, airline reservation . ● Draw diagrams to explain network topology 	<ul style="list-style-type: none"> ● Interactive Discussion ● Assignment ● Draw.io for making diagrams of network topologies 	<ul style="list-style-type: none"> ● Worksheet ● Assignment ● Oral discussions

NOVEMBER

Math	<u>Circles</u> <ul style="list-style-type: none"> ● Circles and its Related Terms ● Angle Subtended by a chord at a point ● Perpendicular from the centre to a chord ● Equal Chords and their distances from the centre. ● Angle Subtended by an Arc of a circle ● Cyclic Quadrilaterals 	Each student will be able to:- <ul style="list-style-type: none"> ● Recall the definition of a circle and its parts. ● Distinguishes between diameter and chord of a circle. ● Estimate the number of circles according to the given conditions. ● Apply the properties of circles to solve the problems. ● Create any design using only circles ● Prove the theorems related to circles ● Comprehend the theorems and reproduce. ● Apply the theorems in order to solve the 	Activity : Group activity <ul style="list-style-type: none"> ● Parts of a circle ● Art integration (role play, poem/ rap song etc .Activity : Lab activity <ul style="list-style-type: none"> ● Verify that Equal chords are equidistant from the centre. Activity : Subject Enrichment <ul style="list-style-type: none"> ● Importance of circles in geometry, especially architecture 	Educosoft Assignments MCQ - Google forms Worksheet/assignments in Google Classroom Google docs / Jam board/ whiteboard.fi.com activities Weekly test (25 marks)
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		given problems.		
English	<p>PROSE</p> <p>REACH FOR THE TOP -3 classes (PROSE)</p> <p>-Everest climbers , including 17 year old Arjun Vajpayee</p> <p>-what makes us motivated or inspired.</p> <p>- any others who had no family support but made it on their own.</p> <p>-what are the common factors</p> <p>MOMENTS: The Last leaf- O. Henry</p>	<p>Students will be able to:</p> <p>-get inspiration from the real life experiences of a person who has struggled and sacrifices to reach the top</p> <p>Students will go through the video and the link provided before coming to the class.</p> <p>- give a brief background of the two stories</p> <p>- have a discussion on the important themes of the chapter: grit and determination</p> <p>-delve into the special qualities of these two women</p> <p>-solve RTC questions</p> <p>*Attempt the character sketch of Maria and Santosh (WEB CHART)</p> <p>* put their questions in the chat box which will be used for assessment</p> <p>Experiential – speak to any athlete and find out the kind of effort and intensive training required and what were the sacrifices he/she made along the way</p> <p>Each child will be able to:</p> <p>-listen to the story and extract key information</p>	<p>Students will go through the video and the link provided before coming to the class.</p> <p>Watch another mountaineer- Arunima Sinha</p> <p>https://www.youtube.com/watch?v=Wx9v_J34Fyo</p> <p>character traits of Santosh Yadav and Maria Sharapova-</p> <p>Art Integration Activity</p> <p>Create a rap song / write a poem/ role play</p> <p>-Research on other women who have climbed Everest , won a Wimbledon title</p> <p>Speaking activity - Speech- Based on the chapter, taking ideas from these two women and their struggle</p> <p>The learners watch a video and then complete activities to check comprehension</p>	<p>Worksheet and Assignment worksheet- to be uploaded in google classroom</p> <p>Class Test</p> <p>Worksheet & Assignment in classroom on google docs</p> <p>Google form for MCQ's</p> <p>Class test</p>

	<p>-3 classes</p> <p>-about the author</p> <p>-introduction to the story</p> <p>- main themes</p> <p>- surprise ending</p> <p>- compare with The Gift of the Magi</p>	<ul style="list-style-type: none"> • describe the feelings of the characters at each stage • listen and write descriptions of people <p>*describe the scene in Johnsy's bedroom</p> <p>*answer questions based on the chapter</p>	<p>O Henry biography</p> <p>About the author</p> <p>https://www.thefamouspeople.com/profiles/william-sydney-porter-2471.php</p> <p>The last Leaf- summary and notes</p> <p>https://www.enotes.com</p> <p>› plot/ symbolism/O. Henry</p> <p>https://www.litcharts.com/lit/the-last-leaf/summary-and-analysis</p> <p>* discussion on the important themes of the chapter: friendship, love, sacrifice</p> <p>- relationships</p> <p>-solve assignment questions</p> <p>- writing descriptions</p> <p>-Charactersketch (WEB CHART)</p> <p>ART INTEGRATED ACTIVITY</p> <p>Paint the leaf on a glass pane or on a piece of talc sheet</p> <p>Describe how Johnsy felt when she saw it .</p>	
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	<p>The Bond of Love – Kenneth Anderson- 3 classes</p> <p>_brief introduction to Kenneth Anderson</p> <p>-Comparison with Jim Corbett</p> <p>-Key points of the story, its theme and relevance</p> <p>-Why do we need to read and reflect on such stories today</p> <p>- Conservation of forests</p>	<p>Every child of the class will be able to –</p> <p>-mention any one aspect of the story that they can relate to their own experiences.</p> <p>- mention what he or she liked or disliked about the story</p> <p>-sequence the main events-write character sketches.</p> <p>-answer the questions based on the class discussion</p> <p>Each child will be able to</p> <p>*Complete the exercises given in the worksheet</p>	<p>Introduction to the author</p> <p>-Discussion of previously read Jim Corbett stories and what makes them special. Compare with Kenneth Anderson</p> <p>- Flipped classroom- read the story at home , watch the video and frame questions to share with the class.</p> <p>Jim Corbett- life and achievements-</p> <p>https://www.youtube.com/watch?v=OpD-PRqiWdA</p> <p>Video on Kenneth Anderson by his son</p> <p>https://www.youtube.com/watch?v=Gw8y0Mec558</p> <p>Man Eaters of Kumaon- watch at home</p> <p>https://www.youtube.com/watch?v=sMo2d1b1cP4</p> <p>*Detailed discussion of the story and the various questions.</p> <p>*Students to view</p> <p>Subject-Verb Agreement Learn</p>	<p>MCQ - Google forms</p> <p>Worksheet/assignments in Google Classroom</p> <p>Google docs / Jam board/ whiteboard.fi.com activities</p> <p>Class test</p> <p>MCQ - Google forms</p>
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	<p>Grammar- 2 classes</p> <p>Reordering sentences, subject –verb agreement- 1 class</p>		<p>English Grammar Online - YouTube</p> <p>https://www.youtube.com/watch?v=b2rY3uO7szs</p> <p>Subject Verb Concord Rules -</p> <p>*Whole group instruction- and sample exercises to be done on the board.</p> <p>Exercises to be done on worksheets on pair share basis.</p> <p>Peer checking of the worksheets</p>	<p>Worksheet/assignments in Google Classroom</p> <p>Google docs / Jam board/ whiteboard.fi.com activities</p>
Hindi	<p>पाठ- 'हामिदखाँ</p> <p>भारत व पाकिस्तान के परस्पर संबंधो काआकलन।भारत में दोनो धर्मो के मध्य संबंध </p> <p>पाठ -कीचड़ का काव्य</p> <p>उपयोगिता , श्रद्धेयता ,भाव सौन्दर्य ,प्राकृतिक सौन्दर्य</p>	<p>दोनों देशों के मध्य परस्पर संबंधों काआकलन अपने विचारों द्वारा कर पाएगा।इनसानियत का सही मायने क्या है? क्या दो विरोधी देश एक नहीं हो सकते? विषय पर अपने विचार 2-3 वाक्यों में प्रदर्शित कर पाएगा।</p> <p>दिए गए मूल्यपरक प्रश्नों के उत्तर लिख पाएगा।</p>	<p>कहानी 'हामिदखाँ' के आधार पर हिंदु तथा मुसलमानों के परस्पर मधुर संबंधों की आवश्यकता के विषय में अपने विचार लिखना </p> <p>सहभागिता</p> <p>खाना रोजाना</p> <p>कीचड़ में उत्पन्न खाद्य सामग्री का उपयोग कर कुछ बनाना </p> <p>कीचड़ की उपयोगिता पर चर्चा करते हुए पाठ को कहानी के रूप में सुनाना </p>	<p>लेख के द्वारा- युवावर्ग पर पड़ता बदलती</p> <p>खान.पान की शैली का प्रभाव खाना-रोजाना नामक गतिविधि के माध्यम से कीचड़ में उत्पन्न खाद्य पदार्थों से परिचित हो उनकी सूची बनाकर।</p>

	लेखन - विज्ञापन लेखन , अनौपचारिक पत्र	दिए गए विषय पर 60-70 शब्दों में एक लेख लिख जाएगा। कीचड़ के महत्व से परिचित हो उससे होने वाले 1-2 लाभ बता जाएगा।		दिए गए प्रश्नों के उचित तथा सटीक उत्तर के माध्यम से।
Science	<p>CHEMISTRY</p> <p>Atoms and molecules(contd)</p> <p>Ions- anions and cations</p> <p>Chemical formulae</p> <p>Empirical formula</p> <p>Mole concept</p> <p>PHYSICS</p> <p>Work and energy</p> <p>Work done</p> <p>Define energy</p> <p>Forms of energy - Kinetic</p>	<p>Distinguish between cations and anions</p> <p>Deduce the chemical formula</p> <p>Define empirical formula.</p> <p>Deduce molecular masses of the compounds from the atomic masses.</p> <p>Relate mole with molecular mass and Avogadro constant.</p> <p>Solve numerical related to mole concept</p> <p>Define work</p> <p>Deduce formula based on the definition</p> <p>Solve numericals based on work done</p> <p>Define energy</p> <p>Discuss various forms of energy</p>	<p><u>ART INTEGRATION</u></p> <p>Idols ,statues and sculptures: A study into the material used and its composition</p> <p>Home research: Find out the history behind Avogadro's number and mole concept.</p> <p>EXPERIENTIAL ACTIVITY</p> <p>Surroundings as lab - Click the picture of the energy transformation happening in and around in daily life and describe the transformation of energy happening in that particular photograph</p>	<p>Educsoft Assignments</p> <p>Quiz</p> <p>MCQ - Google forms</p> <p>Google docs</p> <p>Entry & Exit tickets from the class</p> <p>Worksheets</p> <p>Educsoft Assignments</p> <p>MCQ - Google forms</p> <p>Google docs</p> <p>Entry & Exit tickets from the class</p>

	<p>and potential energy.</p> <p>BIOLOGY</p> <p>Natural resources</p> <p>AIR</p> <p>The role of atmosphere in climate control</p> <p>The movement of air</p> <p>Rain</p>	<p>Define kinetic energy(KE)</p> <p>Derive an expression for KE</p> <p>Solve numericals based on KE</p> <p>Define Potential energy(PE)</p> <p>Derive an expression for PE</p> <p>Solve numericals based on PE</p> <p>Each child will be able to</p> <p>relates processes and phenomena with causes and effects such as heating of land due to conduction and movement of air due to convection .</p>	<p>Mousetrap car</p> <p>Activities-</p> <p>To measure the temperature of water ,air and sand and compare their rate of heating.</p> <p>Air currents being caused by the uneven heating of air.</p> <p>Make your own cloud</p> <p>To analyze the weather report</p>	<p>Quiz</p> <p>Worksheets</p> <p>Graphic Organisers</p> <p>Weekly Test</p> <p>Educsoft Assignments</p> <p>MCQ - Google forms</p> <p>Google docs</p> <p>Liveworksheet</p> <p>Quiz</p> <p>Worksheets</p> <p>Graphic Organisers</p>
	<p><u>Electoral Politics</u></p> <p><u>Why elections?</u></p> <p>■ <u>What makes an</u></p>	<p><u>Each child will be able to:</u></p> <p>.1)identify the idea of representative democracy;</p>	<p><u>Application activities:</u></p> <p>Group Discussion</p> <p>▪Concept Formation</p>	<p>Jamboard activity</p> <p>Assignments Questions based on Bloom's</p>

	<p><u>election democratic?</u></p> <p>■ <u>Is it good to have political competition?</u></p> <p>■ <u>What is our system of elections?</u></p> <p>■ <u>What makes elections in India democratic?</u></p> <p>■ <u>Challenges to free & fair elections</u></p>	<p>2)reason out the need for elections;</p> <p>3) specify the conditions necessary to make an election democratic;</p> <p>4)analyse the effects of political competition;</p> <p>5) describe the Indian system of elections;</p> <p>6) evaluate the democratic nature of elections in India</p>	<p>▪Technology</p> <p>Integration</p> <p><u>Practice activities:</u></p> <p>▪ In-text questions</p> <p>▪ Question framing tasks</p> <p><u>Assessment activities:</u></p> <p>▪ Brain Storming</p> <p>▪Buzz Sessions</p>	<p>Taxonomy</p> <p>Assessment through Google Forms</p> <p>Oral questioning using AMP technique</p>
<p>संस्कृतम्</p>	<p>*व्याकरणम् –</p> <p>विसर्ग संधि: – उत्त्वम् कालांश – 2</p> <p>*कक्षा परीक्षा -सिकतासेतु: व विसर्गस्य उत्त्वम् कालांश –1</p> <p>*रचनात्मककार्यम् -चित्राधारित</p> <p>संस्कृतानुवाद: कालांश-1 जटायो: शौर्यम् कालांश –5 व्याकरणम् – ईकारान्त</p>	<p>विसर्ग के स्थान पर कब उ आता है इसका प्रयोग कर सकेगा।</p> <p>प्राप्त चित्र पर हिन्दी वाक्य रचना करके उन्हें संस्कृत में अनूदित कर पाएगा।</p> <p>जटायो: शौर्यम् कथानक संबंधी प्रश्नों के उत्तर तथा प्रश्ननिर्माण कर सकेगा।</p> <p>आकारान्त व ईकारान्त स्त्रीलिंग शब्दों का वाक्यप्रयोग कर सकेगा।</p> <p>स्त्रीलिंग शब्दों में किम् का प्रयोग करते हुए प्रश्ननिर्माण कर सकेगा।</p>	<p>विसर्गस्य उत्त्वम् संधि के मुख्य बिन्दुओं को अपने शब्दों में लिखना।</p> <p>संधि व संधिविच्छेद करना।</p> <p>प्राप्त चित्र को देखकर हिन्दी वाक्यरचना तथा उन वाक्यों का संस्कृतानुवाद करना।</p> <p>कथानक संबंधी प्रश्नोत्तरादि अभ्यासकार्य करना।</p> <p>स्त्रीलिंग शब्दरूप लेखन तथा उनका वाक्यप्रयोग करना।</p>	<p>मौखिकप्रश्नोत्तरी, लिखितकार्य, क्विज़ तथा जैमबोर्डगतिविधि गूगलप्रपत्र द्वारा मूल्यांकन किया जाएगा।</p>

	<p>स्त्रीलिङ्गशब्दाः नदी, स्त्री</p> <p>आकारान्त स्त्रीलिङ्गशब्दाः लता, अम्बा किम् शब्दरूपसंयोजनम्</p>			
Home Sc.	<p>RESOURCE MANAGEMENT</p> <ul style="list-style-type: none"> Waste management The 5Rs of waste management Waste disposal <p>MEASURES OF SAFETY & MANAGEMENT OF EMERGENCIES Accident prone areas at home Need for safety in home</p>	<p>Students will be able to-</p> <ul style="list-style-type: none"> Explain the 5Rs of waste management Inter-relate the 5Rs and their importance for the environment Outline the importance of proper waste disposal at household level <p>Students will be able to-</p> <ul style="list-style-type: none"> Identify and give reason of accident prone areas at home Outline the importance of need for safety at home 	<p>AI activity: Best out of waste To prepare a product- decorative or usable- out of waste at home (waste like newspaper, old clothes, old socks, cold drink bottles etc)</p> <p>Verbal discussion Mind maps</p>	<p>Google form- worksheet Assignment</p> <p>Google forms</p>
French	<p>L'argent de poche.</p> <p>La Négations</p> <p>Les Pronoms personnels C.O.D /</p>	<p>The students will be able to-</p> <p>Replace nouns with the corresponding pronoms personnels.</p> <p>Rewrite sentences in the negative form using</p>	<p>Jeu de mots - L'argent</p> <p>Worksheets - Négation, Pronoms personnels</p> <p>JamBoard - Argent de poche</p>	<p>Traduction - 10 sentences for 1 mark each. (Assessment of Understanding Skill)</p> <p>Debat – L'Importance de l'argent</p>

	C.O.I.	<p>the correct negative words.</p> <p>Talk about pocket money – how to earn it, how to spend it, how to save it, etc.</p> <p>Compare French youth with the Indian youth with respect to pocket money.</p>	<p>Art Integration - Jeu de Rôle</p> 	<p>(Assessment of Speaking Skill)</p> <p>Class Test - Negation</p> <p>Question bank</p>
Com. App.	<p>Chapter -5 (contd..)</p> <ul style="list-style-type: none"> ● Internet ● Communication in Networks ● Cloud Computing ● Multimedia ● Social networking 	<p>Each student will be able to:</p> <ul style="list-style-type: none"> ● Name hardware and software reqd. To work with internet ● Give examples from real time where they are using cloud computing ● Name 3 social networking sites and list 2 benefits and risks involved each, 	<p>Activity:</p> <p>Discussions on cloud computing and real life examples of using it .</p>	<ul style="list-style-type: none"> ● Worksheet ● Assignment ● Discussion on risks involved and precautions to be taken on social networking sites.
DECEMBER				
Math	<p><u>Surface Areas and Volumes</u></p> <p>Surface areas and volumes of a</p> <ul style="list-style-type: none"> ● Cube and Cuboid ● Right Circular Cylinder ● Right Circular Cone ● sphere 	<p>Each student will be able to:-</p> <ul style="list-style-type: none"> ● Design three-dimensional figures with the help of plane figures. ● Compute the surface areas and the capacity of the various three – dimensional figures. ● Establish the relationship of volume among different objects when some basic parts are kept the same. ● Discriminate between surface areas and volumes. 	<p>Activity:</p> <p>Create a solid shape by combining two basic solid shapes. Estimate its volume and surface area Calculate its actual surface area and volume using the formulae</p>	<p>Educosoft Assignments</p> <p>MCQ - Google forms</p> <p>Worksheet/assignments in Google Classroom</p> <p>Google docs / Jam board/ whiteboard.fi.com activities</p> <p>Weekly test (25 marks)</p>


	<p>Constructions</p> <ul style="list-style-type: none"> ● Basic Constructions ● Some Constructions Of Triangles 	<ul style="list-style-type: none"> ● Derive formulae by using previous knowledge of surfaces and edges. <p>Each student will be able to:-</p> <ul style="list-style-type: none"> ● To bisect a given angle ● To draw the perpendicular bisector of a line segment, ● To construct angles of 15°, 30°, 45°, 60°, 90°, etc. ● To construct a triangle given its base, a base angle and the sum of other two sides, ● To construct a triangle given its base, a base angle and the difference of other two sides, ● To construct a triangle given its perimeter and the two base angles ● Geometrical construction means using only a ruler and a pair of compasses as geometrical instruments 	<p>Activity : Construction Of Triangles (as per the syllabus described by CBSE)</p> <p>Activity: Create a paper protractor using a A4 sheet</p>	
English	<p>BEEHIVE</p> <p>Poem- On Killing a Tree – Gieve Patel-4 classes</p> <p>-discussion on the protection of trees in India- on paper and in reality</p> <p>-Poetry as a force of change</p> <p>Writing – a diary entry-1</p>	<p>Every child of the class will be able to –</p> <p>-point out the consequences of cutting down trees</p> <p>- write a summary</p> <p>- discuss at least five things each of us must do in order to protect our natural heritage.</p> <p>- Write a diary entry- You are a Bishnoi woman and in order to prevent the trees being cut</p>	<p>Video watch and discuss- On Killing a Tree</p> <p>https://www.youtube.com/watch?v=_QqGpVeki40</p> <p>Summary and notes – www.beamingnotes.com</p> <p>Warm up- class discussion after watching the video</p> <p>Close reading and explanation of the poem</p>	<p>Worksheets and answers to written and oral questions to be assessed.</p> <p>Google docs / Jam board/ whiteboard.fi.com activities</p>


	<p>class</p> <p>The Snake Trying - Poem</p> <p>WRITING SKILLS</p> <p>Dialogue Writing – 2 classes</p>	<p>down by the landowners, you and other women went out on a protest and embraced the trees to protect them, despite intimidation by the toughs.</p> <ul style="list-style-type: none"> - comment on the theme of the poem - identify poetic devices - write a short summary - create a sensitive rendering of the poem from the point of view of any animal that is hunted <p>Create a series of short dialogues on various situations</p>	<p>Discussion of the main theme- man’s exploitation of nature, violence in our approach to nature</p> <p>Questions and poetic style to be discussed. Based on the poem .</p> <p>Make a 5 slide-presentation to be uploaded on google slides conveying the theme, the techniques used by the poet, the tone and message.</p> <p>- Classroom Situations for enactment of Dialogues in pairs</p> <p>*use if visuals to create dialogues</p> <p>Buzz session- Students to suggest situations in which they can draft dialogues .</p> <p>*Slips made of the situations</p> <p>*Students pick one and get 5 mins prep time</p> <p>*Present their dialogues in a humorous way</p>	<p>Worksheet and assignment on Google docs</p> <p>Class Test</p>
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		Each child will be able to	ACTIVITY	
		<p>-Create some dialogues with the given situations</p> <p>*Use a classroom situations to enact short dialogues</p> <p>-Complete a given dialogue with a suitable response / in a humorous way</p> <p>*Editing through the checklist</p>	<p>* Pair work- Dialogue Formation</p> <p>Group Activity – Writing the dialogues in Direct Speech</p> <p>Changing the dialogues to indirect speech</p> <p>Individual Tasking - Worksheet completion</p>	
Hindi	<p>धर्म की आड़</p> <p>मनुष्यता, साम्यवादिता, उदारता,</p> <p>तर्क-वितर्क,</p> <p>चर्चा, धर्म-स्वरूप, आवश्यकता महत्व, धर्माधता, समस्या निवारण,</p> <p>नए इलाक़े में खुशबू रचते हैं हाथ</p> <p>मनुष्यता, उदारता, सहिष्णुता</p>	<p>कक्षा में धर्म के विषय पर हो रही चर्चा में भाग ले इस विषय पर</p> <p>कम से कम दो-तीन वाक्य बोल पाएगा। पाठ को ध्यानपूर्वक</p> <p>सुन पाठ में आए कठिन शब्दों को रेखांकित कर उनके अर्थ जान पाएगा।</p> <p>पाठ से संबंधित लिखित कार्य कर पाएगा।</p> <p>समाज में मज़दूरों की दुर्दशा पर अपने विचार प्रकट कर पाएगा।</p> <p>गांधी जी की दांडी यात्रा से संबंधित</p> <p>जानकारी कक्षा के अन्य छात्रों के साथ बाँट पाएगा।</p>	<p>परियोजना कार्य - बाल मजदूरी है मानवता</p> <p>पर कलंक, इसे रोककर बनाओ समाज को</p> <p>निष्कलंक।</p> <p>उपरोक्त विषय पर मूल्यांकन बिन्दुओं के</p> <p>आधार पर परियोजना कार्य -</p> <p>मौलिकता -2 रचनात्मकता-2 विषय-वस्तु- 2 भाषा-शैली - 2 प्रस्तुतीकरण -2 कुल अंक - 10</p>	<p>लिखित तथा मौखिक कार्य के माध्यम से।</p> <p>प्रश्नोत्तर द्वारा।</p> <p>चर्चा के द्वारा।</p> <p>परियोजना कार्य द्वारा।</p>

		कहानी की मुख्य घटनाओं को ध्यान में रखते हुए प्रवाह-संचित्र का निर्माण कर पाएगा।		
Science	<p>CHEMISTRY</p> <p>Structure of an atom</p> <p>Charged particles in matter.</p> <p>Cathode ray tube</p> <p>Cathode rays and anode rays.</p> <p>Discovery of electrons and protons</p> <p>PHYSICS</p> <p>Work and Energy (contd)</p> <p>Law of conservation of energy</p> <p>Power</p> <p>Commercial unit of energy</p>	<p>Define cathode and anode rays.</p> <p>Differentiate between cathode rays and anode rays.</p> <p>Draw the structures of the cathode and anode tubes.</p> <p>Differentiate between electron, proton and neutron.</p> <p>State law of conservation of energy</p> <p>Solve numericals based on law of conservation of energy</p> <p>Define power</p> <p>Deduce its formula using definition</p> <p>Solve numericals on power</p> <p>Conversion of unit - KWH to joules</p>	<p>EXPERIENTIAL ACTIVITY</p> <p>To construct the structure of the atom of any two elements/ ions using household objects.</p> <p>PRACTICAL - To verify Archimede's principle</p> <p>Phet Simulation</p> <p>Popsicle stick catapult</p>	<p>Educsoft Assignments</p> <p>MCQ - Google forms</p> <p>Google docs</p> <p>Entry & Exit tickets from the class</p> <p>Worksheets</p> <p>Educsoft Assignments</p> <p>MCQ - Google forms</p> <p>Google docs</p> <p>Entry & Exit tickets from the class</p> <p>Quiz</p> <p>Worksheets</p> <p>Graphic Organisers</p>

	<p>Biology</p> <p>AIR POLLUTION</p> <p>Water: A wonderful liquid</p> <p>Water pollution</p> <p>Mineral riches in the soil</p> <p>Biogeochemical cycles</p>	<p>1. Plan and conduct investigations or experiments to arrive at and verify the facts, principles, phenomena.</p> <p>2. to seek answers to queries on their own such as levels of pollution near and roads and away from roads on the basis of findings, what is the effect of flowing water on top soil etc.</p>	<p>Newspaper activity on air and water pollution</p> <p>Effect of flowing water on top soil</p>	<p>Weekly Test</p> <p>Educsoft Assignments</p> <p>MCQ - Google forms</p> <p>Google docs</p> <p>Entry & Exit tickets from the class</p> <p>Quiz</p> <p>Worksheets</p> <p>Graphic Organisers</p>
<p>Soc. Sc.</p>	<p><u>Working of Political Institutions</u></p> <ul style="list-style-type: none"> ■ How is a major policy decision taken? ■ Need for political institutions ■ Parliament- need & composition ■ Political executive & Permanent executive ■ Prime minister & Council of ministers ■ The President ■ The judiciary <p><u>Socialism in Europe and the Russian</u></p>	<p><u>Each child will be able to:</u></p> <ol style="list-style-type: none"> 1) identify the idea of representative democracy; 2) reason out the need for elections; 3) specify the conditions necessary to make an election democratic; 4) analyse the effects of political competition; 5) describe the Indian system of elections; 6) evaluate the democratic nature of elections in India <p><u>Each child will be able to:</u></p> <ol style="list-style-type: none"> 1) state the meaning of social change 	<p><u>Application activities:</u></p> <ul style="list-style-type: none"> ▪ Discussion ▪ Think-square-share <p><u>Practice activities:</u></p> <ul style="list-style-type: none"> ▪ Tableaux Formation ▪ Graphic Organisers <p><u>Assessment activities:</u></p> <ul style="list-style-type: none"> ▪ Random Questioning ▪ Peer Assessment <p><u>Experiential Learning:</u> Virtual tour to the Parliament Museum</p> <p><u>Application activities:</u></p>	<p>Assignments Questions based on Bloom's Taxonomy</p> <p>Assessment through Google Forms</p> <p>Oral questioning using AMP technique</p> <p>Assignments Questions based on Bloom's</p>

	<p><u>Revolution</u></p> <ul style="list-style-type: none"> ■ <u>age of social change</u> ■ <u>liberals, radicals and conservatives</u> ■ <u>coming of socialism to Europe</u> ■ <u>Russian revolution</u> ■ <u>February revolution</u> ■ <u>October revolution</u> ■ <u>what changed after October revolution</u> 	<p><u>2)mention similarity and difference between liberals, radicals and conservatives</u></p> <p><u>3)highlight the features of socialism</u></p> <p><u>4)describe the socio economic causes for the rise of socialism in Europe</u></p> <p><u>5)highlight the effects of world war on Russia</u></p>	<ul style="list-style-type: none"> ■ <u>Think - pair – share activities</u> ■ <u>Worksheet</u> ■ <u>Practice activities:</u> ■ <u>Guided reading Questions</u> ■ <u>Assessment activities:</u> ■ <u>Question chain</u> ■ <u>Web chart designing</u> 	<p>Taxonomy</p> <p>Assessment through Google Forms</p> <p>Oral questioning using AMP technique</p>
<p>संस्कृतम्</p>	<p>एकादशः पाठः- पर्यावरणम् कालांश – 6</p> <p>अपठित गद्यांश कालांश -2</p> <p>श्लोकानां भावार्थः कालांश -3</p> <p>कक्षा परीक्षा कालांश -1</p>	<p>प्रत्येक छात्र –</p> <ul style="list-style-type: none"> * पर्यावरण सुरक्षा हेतु अपने विचार बता सकेगा। * पर्यावरणाधारित प्रकरण का पठन व सरलार्थ कर सकेगा। * प्रकरण में से पृष्ठ प्रश्नों के उत्तर दे सकेगा। * आगत श्लोकों के भावार्थ की पूर्ति उचित शब्दों द्वारा कर सकेगा। * अपठितगद्यांश के प्रश्नों के उत्तर दे सकेगा। 	<p>पर्यावरण सुरक्षा हेतु कला-समन्वय - जूट शिल्पकला पर्यावरण सुरक्षा के विषय में विचार करते हुए घर में प्रयुक्त होने वाली वस्तुओं का निर्माण जूट अथवा कागज़ से करना।</p>  <p>यथा कोस्टर, पैन होल्डर इत्यादि अन्तर्जालीयस्रोतम् - https://www.youtube.com/watch?v=41GUw0HMm94</p> <p>अपठित गद्यांश समझना, प्रश्नों के उत्तर लिखना।</p> <p>श्लोकों के भावार्थ लिखना।</p>	<p>मौखिकप्रश्नोत्तरी, लिखितकार्य, क्विज़िज़, काहूट गतिविधि तथा गूगलप्रपत्र द्वारा मूल्यांकन किया जाएगा।</p>

<p>Home Sc.</p>	<p>MEASURES OF SAFETY & MANAGEMENT OF EMERGENCY AT HOME</p> <ul style="list-style-type: none"> Measures of safety for- cuts, birn, shock, fracture etc. First aid- concept & importance 	<p>Students will be able to-</p> <ul style="list-style-type: none"> Outline the first aid to be provided in various cases of cut, burn, electric shock etc. Define first aid Enlist the steps of first aid, 	<p>AI activity: To prepare a first aid kit.</p>	<p>Google form- worksheet</p> <p>Assignment</p>
<p>French</p>	<p>Faire des achats.</p> <p>Les Centres commerciaux.</p> <p>Les boutiques spécialisés.</p> <p>Les mots de quantité.</p> <p>Les pronoms Y et EN.</p> <p>Les pronoms Toniques.</p>	<p>Students will be able to -</p> <p>Distinguish the various specialized shops and the things they sell.</p> <p>They will be able to replace nouns with pronouns Y and EN and pronoms toniques.</p>	<p>Learning based Activitiy : Make a chart on the various shops and the products they sell.</p> <p>Art Integration : Jeu de Role – Between a shop-girl and a client buying clothes.</p> <p>Origami - Make models of various clothes using origami sheets.</p> 	<p>Role Play – Entre un client et un employé. (Assessment of Speaking Skill)</p> <p>Class Test - Pronoms Personnels</p> <p>Google Forms</p>
<p>Com. App.</p>	<p>Introduction to Python, programming language.</p> <ul style="list-style-type: none"> Script mode Interactive mode Basic Data types Arithmetic operators in Python 	<p>Each student will be able to:</p> <p>Install Python offline and also use an alternative online.</p> <p>Initiate the interactive mode and script mode and also explain the difference between the two.</p>	<p>Programiz.com</p> <p>Python programs</p>	<p>Coding in Python Worksheet</p> <p>Assignment</p> <p>Games in Python Programs</p>

	<ul style="list-style-type: none"> • Input() and print() 	Perform basic arithmetic calculations in python programs		
JANUARY-FEBRUARY				
Math	Statistics <ul style="list-style-type: none"> • Introduction • Collection of data • Presentation of data • Graphical Re-presentation of Data 	<ul style="list-style-type: none"> • Each student will be able to:- • Collect, analyze and interpret data. • Represent the data diagrammatically with the help of bar graphs, histograms, etc. • analyze and interpret various daily life situations like changes in sensex, weather forecasting, population growth, etc using bar graphs and histograms. • Support the concept with its wide applications in other disciplines 	Activity: Study of female life expectancy and education. Compare Indian and global figures. Create a relevant representation of the data collected. (interdisciplinary) with Social sciences Activity: Draw a Histogram of the marks obtained by all students in your class in the midterm exam and Analyse the performance of the class.	Educosoft Assignments MCQ - Google forms Worksheet/assignments in Google Classroom Google docs / Jam board/ whiteboard.fi.com activities Weekly test (25 marks)
English	Literature: BEEHIVE DRAMA If I were You -wit and irony in the play -Gerrard's character sketch -about Douglas James	<u>Every child will be able to –</u> -to draw his/her attention to the stage setting, stage directions, description of the characters, their movements, gestures and tonal variations. -reflect on some examples of wit and irony. - learn and locate the right meanings of new words and phrases from the dictionary. -enact the play in the class-room.	WEB CHART Make a web chart on Gerard's personality on the basis of your reading of the play.	Assignments Questions based on Bloom's Taxonomy Assessment through Google Forms Oral questioning using AMP technique

	<p>MOMENTS A House is not a Home</p> <ul style="list-style-type: none"> -about Zan Gaudiso -fear and insecurity of the author -challenges of being a teenager -problems of growing up <p>The Beggar</p> <ul style="list-style-type: none"> -about Anton Chekhov -character sketch of Lushkoff -reflection on the issue of begging -how can we abolish begging as a practice -textual and HOTS questions <p>GRAMMAR</p> <ul style="list-style-type: none"> Connectors Reported Speech Cloze Filling 	<ul style="list-style-type: none"> -draft the character sketch of important characters. -answer the text based and other questions - express their own experience about the old school and new school. -share their personal experience about loss if any. -understand the meaning of new words and phrases and their uses in their own sentences. <p>Each child will be able to:</p> <ul style="list-style-type: none"> -reflect on the aftermath of alcoholism -explore the theme of change, dishonesty, compassion, desperation and struggle -answer text based questions and questions from the assignment - list some works of Anton Chekhov 	<p>Report writing</p> <p>Imagine yourself as a journalist for The Times of India and write a report on an incident in Mayur Vihar where a house caught fire.</p> <p>Have any of your classmates/schoolmates had an experience where they needed help? Describe how they were helped</p> <p>BALA: Write a paragraph on the disaster management drill</p> <hr/> <p>conducted by your school</p> <p>LETTER TO THE EDITOR</p> <p>Write a letter to the editor giving your views on abolishing the practice of begging.</p> <p>Art integration- Caring For Everyone in Society</p> <p>Choose any mode of expression</p> <ul style="list-style-type: none"> - Song, movie, rap, poster, role play 	
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	<p>WRITING SKILLS</p> <p>Letter Writing</p> <p>Essay- Narrative/ Descriptive- Draft 3</p> <p>ASSESSMENT OF SPEAKING AND LISTENING SKILLS</p> <p>Revision</p>			
<p>Hindi</p>	<p>पाठ श्रुतार के समान</p> <p>लगन, प्रतिभा, निष्ठा, समर्पण, सरलता</p> <p>गांधी जी के सचिव महादेव जी का जीवन परिचय व उनकी विशेषताएँ</p> <p>कविता. अग्निपथ कर्मठता,</p> <p>प्रेरणा, सौगंध, समर्पण, सरलता। कविता के आशय से परिचित करा उसकी भाव पूर्ण व्याख्या।</p> <p>पुनरावृत्ति अभ्यास।</p>	<p>गांधी जी के बारे में तुरंत एक दो वाक्य बोल पाएगा।</p> <p>पाठ को ध्यानपूर्वक सुनकर पूछे गए लिखित तथा मौखिक प्रश्नों के संभावित एवं सटीक उत्तर लिख पाएगा।</p> <p>महादेव जी की विशेषताओं का वर्णन करती सूची का निर्माण कर पाएगा।</p> <p>कविता के मुख्य भाव से परिचित होकर कविता को अपने शब्दों में लिख पाएगा।</p>	<p>स्लोगन निर्माण -</p> <p>कार्य के प्रति लगन व निष्ठा को प्रस्तुत करती।</p> <p>(रचनात्मक)</p> <p>साबरमती आश्रम के विषय में जानकारी एकत्रित करना।</p> <p>तत्काल प्रस्तुति</p> <p>गांधी जी के बारे में उनके द्वारा किए गए कार्यों के विषय में उनकी निष्ठा व लगन के विषय में छात्रों से तुरंत एक दो वाक्य बोलने के लिए कहना।</p> <p>व्याख्यात्मक</p> <p>महादेव जी की विशेषताओं का</p>	<p>श्रुतार के समान</p> <p>गांधी जी के विषय में तीन से चार पंक्तियाँ बोलकर।</p> <p>महादेव जी की विशेषताओं को सूचीबद्ध करके।</p> <p>लिखित एवं मौखिक प्रश्नों के माध्यम से</p> <p>गृहकार्य के द्वारा।</p> <p>कविता- अग्निपथ</p> <p>कविता की लिखित एवं मौखिक व्याख्या द्वारा</p> <p>लिखित एवं मौखिक प्रश्नों के माध्यम से।</p>

			वर्णन करते हुए पाठ की व्याख्या तथा महादेव जी के जीवन के जीवन का विस्तृत वर्णन।	
Science	CHEMISTRY Structure of an atom(contd) Drawbacks of Dalton's theory J J Thomson's model of an atom Rutherford's model of an atom Bohr's model of an atom Discovery of neutron. Composition of atom Isotopes and isobars <u>Revision-</u> 1. Atoms and molecules. 2. Structure of atom.	Analyse Thomson's model of an atom Critically analyse alpha scattering experiment by comparing with the previous proposed model Compare the properties of the sub-atomic particles. Explain the observations of alpha scattering experiment in detail along with the supporting reasons Explain Bohr's model of an atom Differentiate between isotopes and isobars Discuss the applications of Isotopes. Recapitulate the learned facts.	EXPERIENTIAL LEARNING Make a timeline of the history of the atomic structure and creatively express it as an infographic / comic strip FLIPPED CLASS presentations	Educosoft Assignments MCQ - Google forms Google docs Entry & Exit tickets from the class Worksheets Weekly Test

	<p>Physics-</p> <p>Sound</p> <p>Transverse and longitudinal wave characteristics of wave</p> <p>Reflection of sound</p> <p>Revision -</p> <p>1.Motion</p> <p>2.Force and laws of motion</p> <p>3. Gravitation</p> <p>4.Work And Energy</p> <p>BIOLOGY</p> <p>Biogeochemical cycles continued...</p> <p>Greenhouse effect</p> <p>The oxygen cycle</p> <p>Ozone layer</p>	<p>Define transverse and longitudinal wave</p> <p>Define wavelength,time period, frequency and time period</p> <p>Derive a relation between frequency, velocity and wavelength</p> <p>Numericals based on the above relation.</p> <p>Differentiate between echo and reverberation.</p> <p>Explain biogeochemical cycles</p> <p>Apply scientific concepts in daily life and solve problems such as how to reduce the carbon footprints by changing our lifestyles and how to prevent ozone layer depletion</p> <p>Revision</p>	<p>Balloon amplifiers</p> <p>Air horn</p> <p>Flipped class for characteristics of wave and revision</p> <p>Art integration- Protect your mother earth Choose your expression!! Song,rap,poster,role play,movie</p>	<p>Educsoft Assignments</p> <p>MCQ - Google forms</p> <p>Google docs</p> <p>Quiz</p> <p>Worksheets</p> <p>Weekly Test</p> <p>Educsoft Assignments</p> <p>MCQ - Google forms</p> <p>Google docs</p> <p>Quiz</p> <p>Worksheets</p> <p>Weekly Test</p>
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Soc. Sc.	<p><u>Natural Vegetation & Wildlife</u></p> <p>-Virgin vegetation</p> <ul style="list-style-type: none"> ■ Flora and Fauna ■ Factors affecting flora and fauna ■ Types of vegetation in India <ul style="list-style-type: none"> 1. Tropical evergreen 2. Tropical deciduous 3. Tropical thorn forest and scrubs 4. Montane forest 5. Mangrove forest ● Wildlife in India 	<p><u>Each child will be able to:</u></p> <p>1)specify the meaning of natural vegetation;</p> <p>2)list the factors responsible for a diversity in flora & fauna kingdom;</p> <p>3) state the meaning of 'ecosystem', biome, etc.;</p> <p>4) describe the major types of vegetations that can be identified in India and depict them on a map;</p>	<p><u>Application activities:</u></p> <ul style="list-style-type: none"> ▪Class Discussion ▪ Brain Storming <p><u>Practice activities:</u></p> <ul style="list-style-type: none"> ▪In-text Questions ▪Map Work ▪Concept Mapping <p><u>Assessment activities:</u></p> <ul style="list-style-type: none"> ▪Random Questioning ▪Web chart completion 	<p>Assignments Questions based on Bloom's Taxonomy</p> <p>Assessment through Google Forms</p> <p>Oral questioning using AMP technique</p>
Sanskrit	पुनरावृत्ति:	प्रत्येक छात्र पाठ्यक्रम विषयक व्याकरणिक भाग का प्रवाहसंचित्र बना पाएगा।	प्रहेलिकाएँ , मौखिक व लिखित क्विज़िज़ अन्तर्जालीय स्थल पर उत्तर देना।	पुनरावृत्ति अभ्यास, मौखिकप्रश्नोत्तरी, क्विज़िज़ डौट कौम,

		श्लोकों का भावार्थ व अन्वय कर पाएगा। नाट्यांश व कथानकों में से भाषिक कार्य व प्रश्ननिर्माण कर पाएगा। शब्दभण्डार संबंधी- पर्याय-विपर्यय-विशेषण-विशेष्य- कर्तृपदादि कार्य कर पाएगा।	भावार्थादि शब्दपूर्ति करना।	अभ्यासकार्यपत्र द्वारा मूल्यांकन किया जाएगा।
Home Sc.	REVISION	Students will be able to - raise queries and doubts Practice HOTS questions	Verbal questioning Peardeck quiz	Oral questions Class tests Revision assignments
French	Revision for the Final Exams	Students will be able to- Clear doubts and practice various grammar concepts and writing skills.	Quizziz Worksheets	Oral Questions Revision worksheets Sample question papers
Com. App.	Revision	Students will raise queries or answer in classroom discussions	Verbal Revision Practice worksheets/games	Oral questioning worksheets/class Tests