



**TAGORE INTERNATIONAL SCHOOL**

**VASANT VIHAR, NEW DELHI**

**SYLLABUS (2021-2022)**

**CLASS VIII**

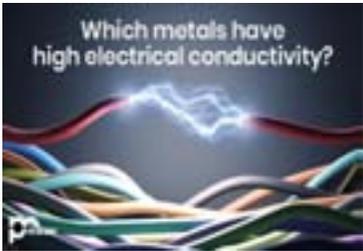
**June- March**

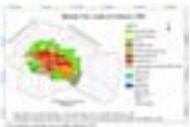
<b>JUNE</b>				
<b>Subject</b>	<b>Topics Covered</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>
<b>English</b>	<p><b>The Thousand Petalled Lotus</b> short story</p>  <p>Poetry Appreciation - 'Tartary' by Walter de la Mare</p>	<p><b>Each student will be able to-</b></p> <ul style="list-style-type: none"> <li>-recall any one myth from India.</li> <li>-speak about any one mythological character in the Harry Potter or Rick Riordan books or movies.</li> <li>-summarize the article.</li> <li>-complete the exercises after the class discussion.</li> <li>-enjoy the poem and the descriptive element in it.</li> </ul>	<p><b>Learning by Doing-</b></p> <p>Use the story you have enjoyed and create a modern version of it, based on the original but set in modern times and in modern language, shortened to appeal to young people today.</p> <p><b>Experiential Learning/ Multiple Intelligence (....)-</b></p> <p>Videos on Greek mythology. Reflection- Comparison of</p>	<p>Based on group discussion and the answers to the questions discussed in the class, followed by written assessment of the short and long answers, sequencing of events, character sketches, analysis of the key theme and message.</p> <p>Activity Based Assessment</p> <p>Speaking Skill Assessment-</p>

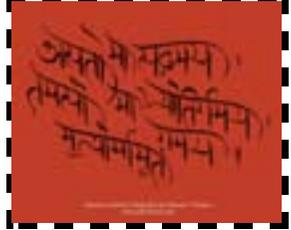
	<p><b>Art Rocks</b></p> <p><b>Grammar-</b> simple, compound and complex sentences Independent clauses and dependent clauses</p> <p><b>Punctuation</b></p>	<p>- identify the rhyme scheme of the poem.</p> <p>-share at least one thought about the value of art in our lives.</p> <p>-make a connection with why stone age art is relevant to us and answer the questions discussed</p> <p>-learn how to distinguish between the different types of sentences</p> <p>-join 2 or more clauses using conjunctions and other connectors</p> <p>-learn how to use a variety of sentences.</p>	<p>Greek gods/heroes with Indian mythology gods/heroes.</p> <p>Warm up- class discussion about art and its role in our lives.</p> <p><b>Art Integration-</b></p> <p>Imagine yourself to be in the Paleolithic Age. Paint what you see around you using natural colours.(Use small smooth stones)</p> <p>Exercises using conjunctions and types of sentences, joining sentences using conjunctions</p>	<p>Google Forms</p> <p>Google Docs</p> <p>Based on correct responses in class and the student's ability to follow the instructions and complete the exercises correctly.</p>
<b>Hindi</b>	<p>मधुप असल. याचक ठुकरा दो या प्यार करो भंगाहल का तिलिसम नवीन शब्दावली वाक्य रचना प्रश्न उत्तर</p>	<p>प्रत्येक छात्र निस्वार्थ प्रेम और त्याग, समर्पण के विषय में कम से कम तीन से चार वाक्य लिख सकेगा। ईश्वर ,बहुमूल्य, भेंट, भजन ,कीर्तन, दान- दक्षिणा से प्रसन्न नहीं होते।वे सच्ची भक्ति भाव से प्रसन्न होते हैं इस विषय मे की गई चर्चा में भाग ले सकेगा। हिमाचल की सबसे खूबसूरत घाटी कौन सी है और किस घाटी को रोमांच प्रेमियों</p>	<p><a href="https://youtu.be/cqwHNdTUTJs">https://youtu.be/cqwHNdTUTJs</a> असली याचक <a href="https://youtu.be/PkINm-gxM3M">https://youtu.be/PkINm-gxM3M</a> ठुकरा दो या प्यार करो। कोरोना काल में मंदिर-मस्जिद के बंद दरवाजों ने क्या संदेश दिया कक्षा मे चर्चा की जाएगी। <a href="https://youtu.be/KSVny1AhyAo">https://youtu.be/KSVny1AhyAo</a></p>	<p>व्याख्यात्मक अभ्यास पत्र के माध्यम से। लिखित प्रश्नों के माध्यम से।</p>

	<p>व्याकरण</p> <p>पत्र लेखन</p> <p>शब्द और पद</p> <p>संवाद रचना</p> <p>अमृत संचयन</p> <p>फूल का मूल्य</p>	<p>के स्वर्ग का खिताब दिया जा सकता है ,विषय पर अपने विचारों को मौखिक रूप से बता सकेगा।</p>	<p>भंगाहल का तिलिस्म</p> <p>गौतम बुद्ध के विषय में अन्य कहानियां सुनाई जाएगी।</p>	
<b>Math</b>	<p><b>Understanding Quadrilaterals</b></p> <p>Polygons</p> <p>Classification of Polygons</p> <p>Angle Sum Property</p> <p>Sum of the measures of the exterior angles of a Polygon</p> <p>Kinds of quadrilaterals</p> <p>Some special parallelograms</p> <p><b>Playing With Numbers</b></p> <p>Divisibility tests</p> <p>Numbers in general form</p>	<p><b>Each student will be able to</b></p> <p>Recognize a quadrilateral and name its parts</p> <p>Find the angles of a quadrilateral</p> <p>Define various types of quadrilaterals</p> <p>Recall definitions of rhombus, square trapezium etc.</p> <p>List the properties of parallelogram</p> <p>Distinguish between each of them</p> <p>Apply properties to solve problems</p> <p>Recap the divisibility test and understand the logic behind them</p> <p>Express numbers in general form</p>	<p><b>Experiential Learning Activity</b></p> <ol style="list-style-type: none"> <li>1. Exterior angle property – cut and paste</li> <li>2. Angle sum property – cut and paste</li> <li>3. Kite and Rhombus – paper folding</li> </ol> 	<p>Practice assessments on Google forms</p> <p>MCQ &amp; Short Answer Questions</p> <p>Worksheets</p> <ol style="list-style-type: none"> <li>1. Objective type</li> <li>2. Assignment sheet</li> </ol> <p>Quiz online</p> <p>Graphic Organizer</p> <p>Math Games</p>

	Reversing of digits	Solve questions based on reversing of digits	<b>Art Integration</b> QUADRILATERAL ACTIVITY: 'PARALLELOGRAM CLUB' 	TESTS ONLINE QUIZ ONLINE LIVE WORKSHEETS
<b>Science</b>	<b>Metal and non- metal</b> Physical properties of metals and non metals Chemical properties of metals and non metals Uses of metals & non metals  <b>Coal and Petroleum</b> Formation of coal and	<b>Each student will be able to</b> Describe the occurrence of metals. List the physical properties of metals and non-metals. State the chemical properties of metals and non-metals Differentiate between the physical and chemical properties of metals and non-Metals  Describe the occurrence of petroleum and coal Discuss about fossil fuels coal, natural	Virtual lab Activity (simulation) 1. Burning of Magnesium ribbon, Displacement Reaction, Oxides of metals and non –metals, Hydroxides of metals and non –metals,  2. To cut pieces of some metals like Na, Mg, Fe, K, Cu etc.,	Class Participation Viva-voce based on experiment Google Forms - Objective type questions Google docs Graphic Organizers Edpuzzle Quizziz Class Participation Google Forms - Objective

	<p>Petroleum and its products</p> <p>Coal and its products</p> <p>Fuel: Types of fuel</p>	<p>gas</p> <p>List the various fraction obtained from petroleum</p> <p>list the characteristics of an ideal fuel</p> <p>State the tips given by PCRA for conserving fuel</p>	<p>3.To test the electric Conductivity of some common metal,</p>  <p>Reaction of metals with dilute HCl</p> <p>Displacement reaction using AgNO<sub>3</sub> and Cu metal.</p> <p>Double displacement reaction using NaOH an HCl</p> <p>OLABS -simulations on Virtual Labs</p> <p>Group discussions</p> <p>Case study</p>	<p>type questions</p> <p>Google docs</p> <p>Graphic Organizers</p> <p>Quizizz</p>
<b>Social Science</b>	<p><b>Civics</b></p> <p><b>Parliamentary Government</b></p> <p>Union Legislature-</p>	<p><b>Each student will be able to</b></p> <p>(i)Write about the composition of the Indian Parliament</p> <p>(ii)Draw comparison between the two</p>	<p>Newspaper activity- on Union Legislature</p> <p>Class discussion</p>	<p>Participation in Class discussion 4 marks</p> <p>Google Form- Other objective type questions- 6</p>

	<p>-Lok Sabha -Rajya Sabha -How Union Legislature Works -Functions of Union Legislature</p> <hr/> <p><b>Geography</b></p> <p><b>Land Soil And Water Resources</b></p> <p>Land resources Soil resources Water resources</p> <p>Distribution, Utilisation and Conservation of these resources</p>	<p>houses of the Indian Parliament</p> <p>(iii)Describe the working of the union legislature</p> <p>(iv)Enumerate the functions of the union legislature.</p> <p>(v)Describe the role of people in translating the felt needs into laws</p> <hr/> <p><b>Each student will be able to</b></p> <p>(i)list the different forms of land, soil and water resources;</p> <p>(ii)highlight the importance of land as a resource</p> <p>(iii)tell about the causes for their degradation;</p> <p>(iv)suggest some ways to conserve these resources.</p> <p>(v)explain the factors leading to soil formation</p> <p>(vi)name the different soil types and mention its distinguishing feature</p> <p>(vii)point out the need to conserve water</p>	<p>The 61<sup>st</sup> amendment lowered the voting age from 21 to 18. Do you think it was the right decision? Give reasons</p> <hr/> <p>Group Activity</p> <p>Chart on resources, degradation and their conservation</p> <p>Discuss in pairs</p> <p>Land use pattern in NCR</p> <p>Has it undergone change in recent years? Reasons responsible for change in land use pattern</p> 	<p>marks</p> <p>Online worksheet</p> <p>Assignment Work</p> <hr/> <p>Participation in class discussion</p> <p>Online worksheet 6 marks</p> <p>Assignment work 4 marks</p>
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		and suggest ways to conserve it		
<p><b>Sanskrit</b></p> <p>स्वस्ति वाचन - <b>SWASTI VACHAN</b> Sunne Se Swasthya Aur Samadhan Prapt Hota Hai -Swasti Vachan Lyrics</p>	<p>ग्रैष्मावकाशीय गृहकार्य चर्चा</p> <p>स्वास्थ्यैव धनम् (विधिलिङ्लकारस्य पुनरावृत्तिः)</p> <p>व्याकरणिक कार्य - शब्दधातुरूप- अस्मद्, युष्मद्, किम् (तीनों लिंग) अस्, भू, पठ्, कृ (पंचलकार)</p>	<p>प्रत्येक छात्र</p> <p>स्वास्थ्य संबंधी नियमों का स्व दिनचर्या में पालन कर पाएगा।</p> <p>स्वास्थ्य संबंधी नियमों को लिख पाएगा।</p> <p>संस्कृत भाषा में लिखित स्वास्थ्य संबंधी ग्रंथों की सूची बना पाएगा।</p> <p>शब्द धातु रूप का प्रयोग वाक्यों में कर पाएगा।</p>	<p>कला समन्वय –सुलेख हस्तलिपि (कैलिग्राफी)</p> <p>लेखनसंबंधी गतिविधि - “बाह्य संक्रमण से सुरक्षा” / स्व रुचि अनुसार स्वास्थ्य संबंधी लेख लिखना अथवा नारा लेखन करना यथा- “स्वास्थ्यः सर्वोपरि”</p>  <p>अनुभवात्मक प्रयोग-</p> <p>घर के अन्य सदस्यों को संस्कृत नारा अथवा लेख सुनाना तथा संबंधित प्रश्न पूछना। इस क्रियाकलाप की रिकॉर्डिंग कक्षा में दिखाना।</p> <p>(अन्वेषण आधारित प्रश्न)</p> <p>भारत सरकार का आयुष्मान स्वास्थ्य संबंधी कार्ड कैसे बनाया जाता है?</p>	<p>विषय से संबंधित मौखिक- लिखित प्रश्नोत्तर , अभ्यास कार्य, कला संबंधी कार्य तथा भाषा संवर्धन गतिविधियों, गूगलालेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।</p>

			<p>सामूहिक अभिनय जन्य पठन-पाठन स्वस्थ रहने के उपाय बताते हुए शिक्षाप्रद नाटिकाओं का प्रस्तुतीकरण। (पूर्वसंदेशित)</p> <p>शब्दावली गतिविधि - स्वास्थ्य संबंधी हिन्दी शब्दों की संस्कृत खोजकर लिखना।</p> <p>विधिलिङ्गकार का प्रयोग।</p>	
<p><b>French</b></p>	<p><b>Dans le train</b></p> <p>Explanation of the lesson</p> <p>Exercices of the lesson</p> <p>Conjugaison des verbes</p>	<p><b>Each student will be able to</b></p> <p>Conjugate verbs in various tenses.</p> <p>Hear an audio clip in french and understand it and answer questions based on it.</p> <p>Learn new vocabulary words pertaining to a train journey.</p> <p>Answer questions based on the lesson.</p>	<p>Audio compréhension.</p> <p><b>(Listening Skill)</b></p> <p><b>Learning Based Activity:</b> Conjugation of verbs in the cahier de verbes.</p> <p><b>Board Game :</b> Conjugation of verbs in the present, past &amp; future tenses.</p>	<p><b>Assessment based Activity:</b></p> <p>Décrivez votre voyage par le train en 10 lignes. (Creating)</p> <p><b>Assessment of Listening Skill :</b> Podcast</p> <p><b>Worksheet - Verbes</b></p> <p><b>Question Bank</b></p>

<b>Mandarin</b>	你的爱好是什么  The usage of the word”爱好  The words relate to hobbyThe words relate to sports  Make paragraph in the topic of “ My hobby”	<b>Each student will be able to</b>  write the new words and speak  create sentences according to the sentence pattern  use the word “爱好” to make sentence  Make paragraph in the topic of “ My hobby”do the speech for 10 sentences	Speech with the topic of “我的爱好”	worksheet
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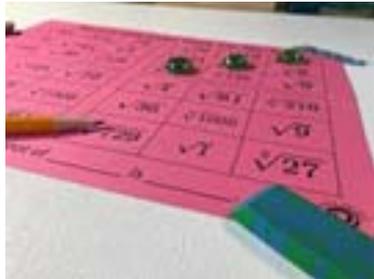
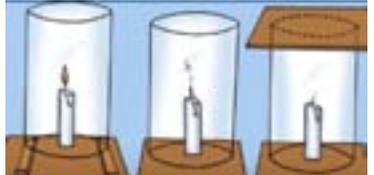
**JULY**

<b>Subject</b>	<b>Topics Covered</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>
<b>English</b>	<b>ART AND CULTURE -AN INDIAN KALEIDOSCOPE-The Last Stone Mason -by Sigrun Srivastav</b>	<b>Each student will be able to</b>  -recall any of the Spic Macay performances they have seen and speak about it  -understand the dilemma of the old stone mason and write a diary entry	<b>Group activity</b> -create a web chart with the characteristics of Masterjee, Salim and Gopal  Learning Activity	Based on the  Webchart created by the group and whether the characters were correctly analysed

	<p><b>On Being Indian by Ruskin Bond</b></p> <p><b>Essay Writing skills-</b> Descriptive essay</p> <p><b>The Idea of India</b></p> <p><b>In the Bazaars of Hyderabad- poem by Sarojini Naidu</b></p>	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>-contribute at least one point to the class discussion</li> <li>- suggest one thing about India that makes him/her proud</li> <li>-summarize the main idea in their own words</li> <li>- research and speak about any one freedom fighter of yesteryears</li> <li>-be able to read/enact the role of Nimmi and Vijaylakshmi</li> <li>-design a poster after reading the entire Section</li> <li>-learn about the new vocabulary in context</li> </ul>	<p><b>Individual</b> -Write a diary entry bringing out the character's feelings and emotions</p> <p><b>Word Wall- (Pinterest)</b></p> <p><b>Learning by Doing</b></p> <p>Collect all the words associated with the theme of this unit. (Art and Culture)</p> <p><b>Experiential Learning-</b> Recreating the Bazaar scene</p> <p><b>Art Integration</b></p> <p>Find out about any two great sculptors of modern India.</p> <p>Prepare points for the discussion, summarising the main value points made in the article</p> <p>Research Ruskin Bond's message on being Indian</p> <p>Speaking Activity Research any lesser known freedom fighter, who sacrificed his/her life for</p>	<p>Based on correct responses to the textual questions</p> <p>Based on the ability to bring out the feelings of each character</p> <p>Assessment activity</p> <p>Class discussion and debate-related to the theme of the Constitutional rights and Duties and what being a citizen entails</p> <p>Based on the improvements made in the the second and third drafts</p>
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		<ul style="list-style-type: none"> <li>- relate these ideas with the Social Science lessons they have done</li> <li>-understand and enjoy the poem</li> <li>- write 2-3 lines about the main theme of the poem</li> <li>- provide most of the answers to the teacher's questions about the poem</li> <li>- write a few descriptive lines about a marketplace</li> <li>- write a bio sketch</li> </ul>	<p>India and speak about that person in exactly one minute.</p> <p>Learning Activity</p> <p>Group work – Role play 2-3 situations where the idea of being a good citizen is portrayed</p> <p>Writing Activity</p> <p>Describe your visit to a bazaar in a short descriptive paragraph, using some of the vocabulary suggested as well as the answers to the other text based questions</p>	<p>Rubrics for writing skills -</p> <p>Content -2</p> <p>Clarity and Accuracy -2</p> <p>Fluency -1</p> <p>Total -5</p>
<b>Hindi</b>	<p>आखरी पत्ता</p> <p>बैजू बावरा</p>	<p>मनोविज्ञान और स्वास्थ्य के बीच संबंध को बता पाएगा।</p> <p>सच्चे सहयोगी, मित्रता के बारे में कहानी लेखन कर पाएगा।</p> <p>सच्ची लगन की पराकाष्ठा बैजू का जीवन परिचय एवं गुरु शिष्य परंपरा के बारे में मौखिक चर्चा में भाग ले पाएगा।</p>	<p><a href="https://youtu.be/sJ9jHOjfrGM">https://youtu.be/sJ9jHOjfrGM</a></p> <p>संगणक जनित प्रस्तुतिकरण दिखा कर चर्चा की जाएगी।</p> <p><a href="https://youtu.be/CF35-vCIkFY">https://youtu.be/CF35-vCIkFY</a></p> <p>बैजू बावरा फिल्म के अंश।</p>	<p>अभ्यास कार्यपत्र की चर्चा व निरीक्षण द्वारा</p> <p>व्याख्यात्मक लेखन व वाचन द्वारा</p> <p>लिखित प्रश्नों के उत्तर श्रवण</p>

	<p>सिपाही (कविता)</p> <p>व्याकरण बोध</p> <p>विज्ञापन रचना</p> <p>अपठित गद्यांश</p> <p>अनुच्छेद लेखन</p> <p>अमृत संचयन</p> <p>फूल का मूल्य</p>	<p>सैनिकों के प्रति जागरूकता ,सहानुभूति,सम्मान के विषय मे कम से कम तीन वाक्य लिख सकेगा।</p>	<p>क्या देश की सीमा पर लड़ाई करने वाला सिपाही ही सच्चा देशभक्त होता है?</p> <p>बच्चो के विचार लिए जाएंगे।</p>	<p>माध्यम द्वारा</p>
<b>Math</b>	<p><b>SQUARE AND SQUARE ROOTS</b></p> <p>Properties of square numbers</p> <p>Pythagorean triplet</p> <p>Calculating squares and square Roots</p> <p>Calculating square roots through prime factorization</p> <p>Finding square root by division</p>	<p><b>Each student will be able to</b></p> <p>List the properties of square numbers.</p> <p>Justify that if a number ends in 0,1,4,5,6,9 it must be a perfect square</p> <p>State that the squares of numbers ending in 1or 9 will end in 1</p> <p>State that ihe squares of numbers ending in 4or 6 will end in 6</p> <p>Observe the number of zeros in the</p>	<p><b>Vedic math</b></p> <p>for finding squares of number ending in 5</p> <p><b>Vedic math</b></p> <p>Estimating square root</p> <p><b>Art Integration</b></p> <p>PAIR – AND – SHARE</p> <p>Math Board game on Square</p>	<p>Practice assessments on Google forms</p> <p>MCQ &amp; SHORT QUESTIONS</p> <p>Worksheets</p> <p>1. Objective type</p> <p>2. Assignment sheet</p>

	<p>method</p> <p>Square roots of decimals</p> <p>Estimating square roots</p> <p>Statement questions</p> <p><b>CUBE &amp; CUBE ROOTS</b></p> <p>Properties of cubes</p> <p>Calculating cubes and cube roots</p>	<p>square of the numbers such as 60,400 etc</p> <p>List the procedure for finding the members of the triplet.</p> <p>Find the members of the triplet</p> <p>Compute square root by division method</p> <p>Apply the use of square root in statement questions</p> <p>Recognize the symbol</p> <p>Recall 3 as an exponent</p> <p>Apply the concept to the given sums</p> <p>Apply the use of cube root in statement questions</p>	<p>Number and Cube Numbers</p>  <p>EXPERIENTIAL LEARNING: Math online game - Matching Square root of the perfect square number</p> <p><a href="https://www.quia.com/mc/65631.html">https://www.quia.com/mc/65631.html</a></p>	<p>Quiz online</p> <p>Graphic organizers</p> <p>Math Games</p> <p>TESTS ONLINE</p> <p>QUIZ ONLINE</p> <p>LIVE WORKSHEETS</p>
<b>Science</b>	<p><b>Ch 6- Combustion and Flame (contd...)</b></p> <p><b>Concept-</b> How do we control fire? Types of combustion</p> <p>Flame</p>	<p><b>Each student will be able to</b></p> <p>Define combustion</p> <p>Explain ignition temperature</p> <p>Enlist ways to extinguish fire caused by different reasons</p> <p>Name the types of combustion</p> <p>Represent structure of flame</p>	<p><b>Activity-</b></p> <p>1.Oxygen is supporter of combustion</p> 	<p>Educosoft assignments</p> <p>Assignment on google doc</p> <p>Class test through google form</p> <p>Case study</p>



Noise and music

Noise pollution

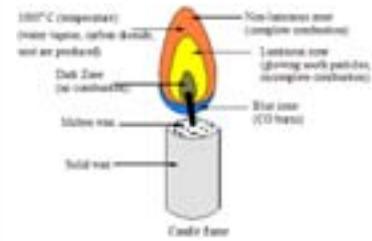
and inaudible sound

Distinguish between noise and

Music

Explain noise pollution

Suggest different ways to reduce noise pollution.



Story weaving for controlling fires caused due to different reasons

**Research activity -**  
musical instrument



Quiz

Crossword

**Art Integration-**

Role play- noise pollution

<p><b>Social Science</b></p>	<p><b>Geography</b></p> <p><b>Human Resource</b></p> <p>Importance of Population as a human resource</p> <p>Distribution of Population and Factors affecting it</p> <p>Distribution of population in India</p> <p>Change in Population Size and patterns of population change</p> <p>Characteristics of population</p> <p>Population growth and economic development</p> <hr/> <p><b>History</b></p> <p><b>Company's Civil Administration and Revenue Policy</b></p> <p>Administrative structure</p> <p>Acts and charters passed by the British</p>	<p><b>Each student will be able to:</b></p> <p>(i) tell the meaning of human resource;</p> <p>(ii) state the factors affecting the distribution of population.</p> <p>(iii) describe the density of population in different parts of India;</p> <p>(iv) mention the causes behind the changes in the population of a place;</p> <p>(v) describe the chief characteristics of the population.</p> <p>(vi) explain how composition of population affects development of a place</p> <hr/> <p><b>Each student will be able to</b></p> <p>(i) explain the structure of administration under the East India Company.</p> <p>(ii) compare the land revenue policies during the pre-British and the British periods in India.</p> <p>(iii) give details about the land revenue</p>	<p><b>Art Integration ACTIVITY:</b>          Depicting people in Warli Art</p>  <p><b>Map work</b></p> <p>10 most populous countries in the world.</p> <p><b>Pie diagram-</b></p> <p>Continent wise distribution of population</p> <p><b>Class Discussion</b></p> <p>How can a higher literacy rate help to improve the economic growth of a developing nation?</p> <hr/> <p><b>Art Integration activity-</b>          Neel darpan</p> <p>ROLE PLAY ON INDIGO PLANTATION UNDER BRITISH RULE- 8 Marks</p>	<p>Assignment work</p> <p>Source based Worksheet- 5 marks</p> <p>Art Integration activity- 5 Marks</p> <p>Class participation</p> <hr/>
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	<p>Organisation of civil service, army, police and judiciary</p> <p>Exclusion of Indians from high posts</p> <p>Introduction of new land revenue settlements</p> <p>Commercialisation of agriculture &amp; impoverishment of peasantry</p> <p>Peasant rebellions</p> <hr/> <p><b>Civics</b></p> <p><b>The Indian Constitution</b></p> <p>Need for laws to govern a nation</p> <p>India's Constitution</p> <p>Vision &amp; values of the Indian constitution</p> <p>Important features</p>	<p>policies adopted by the company and their effects.</p> <p>(iv)analyse the emphasis laid on the commercial crops by the company.</p> <p>(v) explain the methods of indigo cultivation during the colonial rule</p> <p>(vi) describe the plight of peasants under the British</p> <hr/> <p><b>Each student will be able to</b></p> <p>(i)state the importance of constitution in a country;</p> <p>(ii)give a background of the Indian constitution;</p> <p>(iii)tell about the vision and values of the Indian constitution;</p> <p>(iv)list some important features of the Indian constitution.</p>	<p>Link for the script-Neel Darpan</p> <p><a href="https://archive.org/details/nildarp-anorindig00mitrialala/page/n3/mode/2up">https://archive.org/details/nildarp-anorindig00mitrialala/page/n3/mode/2up</a></p> <p>video- Bharat -Ek khoj-episode 44- on indigo revolt</p> <p><a href="https://www.youtube.com/watch?v=wi2UbMNUVmQ">https://www.youtube.com/watch?v=wi2UbMNUVmQ</a></p> <p>Map of India- Areas under different land settlements</p>  <hr/> <p><b>Art Integration Activity</b></p> <p>Calligraphy Art Form</p> <p>Read the Preamble of our Constitution, select any one word from it and write it in your notebook in Calligraphy art form.</p>	<p>Art Int. Activity- 8 Marks</p> <p>Rubrics for Assessment: Total -8 marks-</p> <p>Research and script development - 2 marks</p> <p>Overall compilation &amp; Presentation-3 marks</p> <p>Individual performance/ use of props/costumes- 3 marks</p> <p>Assignment work</p> <p>Map work- 2 marks</p> <hr/> <p>Art Int. Activity- 5 Marks</p> <p>Assignment work</p> <p>MCQ Test- Google form- 5 Marks</p> <p>Participation in class discussion</p>
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<p><b>Sanskrit</b></p>	<p>पुनर्मूषको भव (प्रत्यय)</p> <p>अपूर्वः त्यागः (विशेषण-विशेष्य)</p> <p>अतिरिक्त कार्य - शब्द धातुरूप- अकारान्त पुल्लिङ्ग व आकारान्त स्त्रीलिङ्ग आत्मनेपदी- सेव, लभ - केवल लट् लकारः</p>	<p>प्रत्येक छात्र शब्दों में आए प्रत्ययों का विभाग कर सकेगा। प्रत्यय युक्त शब्दों का अर्थ कर सकेगा। कथा आधारित प्रश्नों के उत्तर दे सकेगा। सहायता का महत्व व महत्वहीनता के विषय में बोल पाएगा। संस्कृत शब्दों में विशेषण तथा विशेष्य बता पाएगा। कथा में से प्रश्न निर्माण कर पाएगा।</p>	<p>चिन्तनात्मक पद्धति द्वारा चित्राधारित वाक्य रचना करना क्विजिज - प्रत्यय, विशेषण, विशेष्य आधारित सामूहिक गतिविधि योग्यता आधारित अनुभवात्मक अधिगम- कथानकाधारित सामूहिक गतिविधियाँ- यथा -कथा वाचन- काष्ठपुतलिका इत्यादि</p> 	<p>विषय से संबंधित मौखिक- लिखित प्रश्नोत्तर , अभ्यास कार्य तथा शिक्षण संबंधी गतिविधियों, गूगलालेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।</p>
<p><b>French</b></p>	<p><b>L'arrivé à Paris.</b> Les Adjectifs L'Impératif Explanation of the lesson</p>	<p><b>Each student will be able to</b> Read the lesson in french with the correct pronunciation. Understand the text and answer questions based on it. Describe a noun using the correct form and placement of adjectives depending</p>	<p><b>Art Integration :</b> Depict the various qualitative adjectives with the help of drawings. <b>Learning Based Activity:</b> <b>Worksheet - Grammaire</b></p>	<p><b>Assessment Based Activities :</b> Question Bank <b>Worksheet - Grammaire</b> Class Test Periodic Test</p>

		on the gender and number of the noun. Conjugate all verbs in the impératif form.		
<b>Mandarin</b>	你会打网球吗？  New words  Sentence pattern  Different verb for “play” sports-打, 踢, 玩  Song- Elephant	<b>Each student will be able to</b>  write the new words and speak  create sentences according to the sentence pattern  use correct verb for different sports	Folk song	worksheet

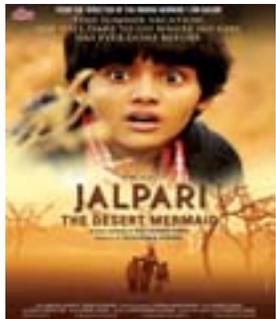
**AUGUST**

<b>Subject</b>	<b>Topics Covered</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>
<b>English</b>	<b>INVENTIONS AND DISCOVERIES</b>  <b>MCB</b> <b>Unit 4-An Amazing Ancestor</b> <b>Sec-II Madame Curie</b> (Play)  'The Microscope' (Poem)	<b>Each student will be able to</b>  -list 05 significant inventions and discoveries and describe them briefly.  -state the relevance of these discoveries in today's time.	Learning Activity Research About- how the earlier keypad has become the QWERTY keypad of today and why it is still relevant  Learning Activity Discussion: Science v/s Religion.	Based on-  Narration of the incident that aroused their curiosity.  List ways to develop scientific temper among students.

	<p><b>Grammar-</b></p> <p>Editing</p> <p>Reported Speech</p> <p>Differentiate Quoted and reported Speech</p> 	<ul style="list-style-type: none"> <li>-sequence the creative process the scientists may have followed.</li> <li>- write a paragraph describing any two characters using evidence from the play.</li> <li>-frame meaningful sentences related to the given words</li> <li>-answer the basic textual questions.</li> <li>-identify the errors in editing passages</li> <li>-supply the correct preposition , conjunction etc</li> <li>-locate uses of reported speech from any story.</li> <li>-convert from direct to indirect speech.</li> <li>-recite the poem with expression</li> <li>-prepare a summary</li> <li>-identify the rhyme scheme.</li> <li>- identify elements that make it humorous.</li> </ul>	<p><b>Art Integration- Music to Aid in Role Play</b></p> <ul style="list-style-type: none"> <li>- Create a dialogue between Marie Curie and a reporter from any country , integrating music from that country.Learning Activity <b>Analyse and debate</b></li> <li>-Negative role played by the media on a celebrity's life</li> </ul> <p><b>Reflect on and Analyze-</b></p> <p>How have some of the inventions/discoveries made our lives comfortable?</p> <p>Practice Activity</p> <p>Completion of the exercises given</p> <p>Usage of each structure with examples</p> <p>Worksheets /role play /use in the texts</p> <p>Read, think about and discuss</p> <p>Identify the rhyme scheme</p>	<ul style="list-style-type: none"> <li>-Use at least 03 of the words of acquired vocabulary in any creative writing piece</li> <li>Evaluation based on -</li> <li>.the level of discussion</li> <li>-was each child involved/ interested or even listening</li> <li>-did the child ask relevant questions</li> <li>-whether the students had come prepared with enough research</li> <li>Ability to locate instances from the newspaper(Ap)</li> <li>Use of reported speech in text</li> <li>Conversion into direct speech and vice versa</li> <li>Based on the students ability to answer the textual questions,</li> </ul>
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			<p>Discuss what makes it humorous</p> <p>Reflect on why the other people wanted to ship Anton off to Spain</p>	<p>To locate and identify the rhyme scheme</p> <p>To discuss at a higher level, showing some critical thinking skill</p>
<b>Hindi</b>	<p>मधूप- संसार सागर के अनाम नायक बाललीला</p> <p>व्याकरण बोध अनेकार्थी शब्द अनुच्छेद लेखन सूचना-लेखन अनुस्वार अनुनासिक नुक्ता</p> <p>अमृत संचयन काबुलीवाला</p>	<p>तालाब ,नदी ,जोहड़ ,नहरें कुएँ ,झील आदि की आवश्यकता और उपयोगिता आदि के विषय पर आधारित विभिन्न प्रकार के प्रश्नों के निर्माण कर सकेगा।</p> <p>जल ही जीवन है विषय पर अपने विचार मौखिक रूप से व्यक्त कर सकेगा।</p> <p>श्रीकृष्ण की बाल लीला के विषय में जानकर</p> <p>अपने बचपन की मधुर स्मृतियों को लिखित रूप में व्यक्त कर सकेगा ।</p> <p>उचित प्रारूप की मदद से दिए गए विषय पर सूचना लेखन कर सकेगा</p> <p>दिए गए शब्दों में अनुस्वार अनुनासिक नुक्ता लगाकर तीनों में भेद कर सकेगा।</p>	<p>पानी की कहानी कल आज और कल।</p> <p>इस विषय पर विस्तृत रूप से चर्चा।</p> <p>कृष्ण लीला को पढ़कर अपने बचपन की कोई शैतानी लिखिए।</p> <p>कृष्ण की लीला को वर्ली कला के माध्यम से दर्शाती हुई कला</p>	<p>लिखित तथा मौखिक कार्य के आधार पर।</p> <p>कृष्ण लीला पर आधारित वारली कला।</p>

<p><b>Math</b></p>	<p><b>Exponents &amp; Powers</b></p> <ul style="list-style-type: none"> <li>· Positive /negative / rational exponents</li> <li>· Laws of exponents</li> <li>· Application based questions on the laws</li> <li>· Simplify</li> </ul> <p><b>Algebraic Expressions And Identities</b></p> <ul style="list-style-type: none"> <li>· What are expressions, coefficient, degree, types of algebraic expressions?</li> <li>· Addition and subtraction of algebraic expressions</li> <li>· Multiplication of algebraic expressions</li> <li>· What is an identity and the 3 identities?</li> <li>· Applying Identities</li> </ul>	<p><b>Each student will be able to</b></p> <p>Convert exponents to radicals and vice-versa</p> <p>Understand the different laws of exponents</p> <p>Simplify the direct questions based on laws of exponents</p> <p>Solve questions based on exponents</p> <p>Recall what is meant by an algebraic expression, the meaning of terms and coefficients of an expression</p> <p>Recall and distinguish between monomial, binomial etc., like and unlike terms.</p> <p>Add and subtract algebraic expressions</p> <p>Multiply algebraic expressions</p> <p>Understand the meaning of an identity</p> <p>Understand the standard identities and learn to apply them</p>	<p><b>Integration with Art:</b></p> <p>Express the identities as</p> <p><b>'Riddles and Rhymes'</b></p> <p>Laws of Exponents - <b>TASK CARDS / FLASH CARDS</b></p>   <p><b>Experiential Learning:</b></p> <p>Laws of exponents chart and practice</p> <p><a href="https://s3.amazonaws.com/migleadmagnets/Properties+of+Exponents+Chart.pdf">https://s3.amazonaws.com/migleadmagnets/Properties+of+Exponents+Chart.pdf</a></p>	<p>Practice assessments on Google forms</p> <p>MCQ &amp; SHORT QUESTIONS</p> <p>Worksheets</p> <ol style="list-style-type: none"> <li>1. Objective type</li> <li>2. Assignment sheet</li> </ol> <p>Quiz online</p> <p>PhET Simulation</p> <p>Math Games</p> <p>TESTS ONLINE</p> <p>QUIZ ONLINE</p> <p>LIVE WORKSHEETS</p>
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<p><b>Science</b></p>	<p><b>Cell - Structure and function</b></p> <p>Concepts-</p> <p>Discovery of the cell</p> <p>The cell- its number,shape and size</p> <p>Cell structure and functions</p> <p>Parts of the cell</p> <p>Comparison of plant cell and animal cell</p>	<p><b>Each student will be able to</b></p> <p>Define a cell as the structural and the functional unit of life.</p> <p>Explain the various levels of organizations</p> <p>Identify the parts of a cell</p> <p>Describe the functions of various parts of the cell.</p> <p>Compare a plant cell with an animal cell.</p>	<p>Demonstration of temporary slide preparation</p> <p>1.Onion peel 2.Cheek cell (Using online labs)</p> <p>Worksheets</p> <p>Assignments</p> <p><b>Art -Craft-</b> compare and contrast plant cell and animal cell using waste material</p>  <p><b>Activity-</b> A film will be shown on female foeticide</p> 	<p>Educsoft assignments</p> <p>Assignment on google doc</p> <p>Class test through google form</p> <p>Entry and exit ticket</p>
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	<p><b>Ch 9- Reproduction in Animals</b></p> <p>Modes of reproduction</p> <p>Sexual reproduction</p> <p>Female and male reproductive organs</p> <p>Fertilization</p> <p>Development of embryo</p> <p>Viviparous and oviparous animals</p> <p>Asexual reproduction</p> <p>Cloning</p>	<p><b>Each student will be able to</b></p> <p>Discuss different modes of reproduction.</p> <p>Differentiate between sexual and asexual reproduction</p> <p>Draw the diagram of Female and male reproductive organs</p> <p>Differentiate internal and external fertilization</p> <p>Explain the development of embryo</p> <p>Discuss the process of IVF</p> <p>Differentiate between Viviparous and oviparous animals</p> <p>Enlist the examples of viviparous and oviparous animals</p> <p>Explain metamorphosis</p> <p>Define asexual reproduction</p> <p>Elaborate the process of cloning.</p>	<p>Worksheets</p> <p>Assignments</p> <p><b>Art-</b></p> <p>Advertisement - on female foeticide</p> <p><b>Story telling-</b></p> <p>Life cycle of a frog</p> <p>Dolly the clone</p>	<p>Educosoft assignments</p> <p>Assignment on google doc</p> <p>Class test through google form</p> <p>Entry &amp; Exit tickets from the class</p>
<b>Social Science</b>	<p><b>Geography</b></p> <p><b>Mineral and Energy</b></p>	<p><b>Each student will be able to</b></p> <p>(i) state the meaning &amp; chief types of</p>	<p>Prepare Thematic Maps- Distribution of minerals in India</p>	<p>Map Marking test-- 5 Marks</p> <p>Class test-Other Objective</p>

	<p><b>Resources</b></p> <p>Minerals—Types, Occurrence and Distribution</p> <p>Classification of India's mineral resources</p> <p>Energy resources- Conventional and non-conventional</p> <p>Conservation of minerals and energy resources</p> <hr/> <p><b>History: Revolt of 1857</b></p> <p>Reasons leading to the Revolt of 1857</p> <p>Spread of The Great Revolt of 1857</p> <p>Assessment and nature of the Revolt</p> <p>Significance of the Revolt in modern Indian history</p> <p>Queens Proclamation of 1858</p>	<p>'minerals'</p> <p>(ii) make a list of India's rich mineral resources.</p> <p>(iii) give four examples of the energy resources.</p> <p>(iv) mention three uses of some important minerals</p> <p>(v) suggest three ways of conserving mineral and energy resources.</p> <hr/> <p><b>Each student will be able to</b></p> <p>(i) state one specific – political, social ,economic, military and immediate cause of the Revolt of 1857.</p> <p>(ii) describe the outbreak of the Great Revolt.</p> <p>(iii) list all the main centers of the Revolt and name the leaders.</p> <p>(iv) assess the nature of the Revolt giving three points</p> <p>(v) highlight two main points of the queens proclamation</p>	<p>and Hydel power Projects/plants in India</p> <p>Activity:</p> <p>Group Discussion</p> <p>Bhopal Gas Tragedy/</p> <p>Vizag Gas leak/</p> <p>Chernobyl nuclear disaster</p> <hr/> <p><b>Map work</b></p> <p>Mark the main centers of the revolt on the political map of India</p> <p><b>Art Integration</b></p> <p><b>Role play-</b></p> <p>Dialogue Delivery</p> <p>Any one dialogue related to any one character associated with the Revolt of 1857</p>	<p>questions- Google form</p> <p>5 marks</p> <p>Class participation in GD-</p> <p>Assignment work</p> <p>Practice worksheet</p> <hr/> <p>Assignment work</p> <p>Map work presentation</p> <p>Art Integration activity- 2 Marks</p> <p>Class test-Other Objective questions- Google form - 8 marks</p> <p><b>Subject Enrichment Activity- 2 Days</b></p> <p><b>Soil as Resource- 10 marks</b></p>
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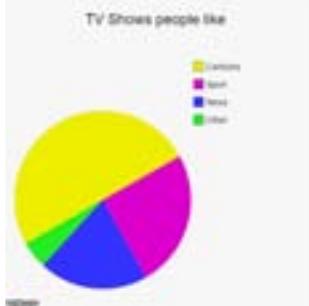
<p><b>Sanskrit</b></p>	<p>पीयूष- बिन्दवः(श्लोकाः) अतिरिक्त कार्यम् रचनात्मककार्यम् -चित्र वर्णन व संस्कृतानुवाद अतिरिक्त कार्य- शब्द धातुरूप- इकारान्त पु. ईकारान्त स्त्री.</p>	<p>प्रत्येक छात्र श्लोकों का पठन व सरलार्थ करने में सक्षम होगा। श्लोकाधारित प्रश्नों के उत्तर लिख सकेगा। नवीन शब्दों का अर्थ, पर्याय तथा विपर्यय बता सकेगा। संस्कृत श्लोकों का उच्चारण करने में समर्थ होगा।</p>	<p><b>Art Integration-</b> श्लोकोच्चारण अथवा गायन</p>  <p>जिगसाँ पद्धति अनुसार प्राप्त श्लोक का पठन-पाठन करना। कठिन शब्द परिचय लेखन प्रश्नावली बनाना। वाक्य रचना व संस्कृत अनुवाद करना।</p>	<p>विषय से संबंधित मौखिक- लिखित प्रश्नोत्तर , अभ्यास कार्य तथा भाषा संवर्धन गतिविधियों, गूगलालेख तथा गूगल प्रपत्र के माध्यम से तथा श्लोकों का वाचन करा कर भाषागत अभिवर्धन मूल्यांकन पर किया जाएगा। श्रवण कौशल परीक्षण - 5 अंक</p>
<p><b>French</b></p>	<p><b>Vers l'hôtel</b> Reading and Explanation of the lesson Discussion of Exercises <b>À l'hôtel</b> Le Comparatif et Le Superlatif Reading and Explanation of the lesson</p>	<p><b>Each student will be able to</b> Compare things around them using the comparative and superlative forms of the adjectives. Understand the lesson and answer questions based on it.</p>	<p><b>Audio Compréhension–</b> Students will hear the lesson being spoken in a french accent and try to comprehend. <b>(Listening Skill)</b> <b>Experiential learning based Activity :</b> <b>Jeu de Rôle :</b> Students will enact the entire scenario of getting down from</p>	<p><b>Assessment- Based Activities :</b> <b>Worksheet - Grammaire</b> Question Bank - Objective type questions, Oral questions, Long answers. Class Test</p>

			the train, collecting their baggage, hiring a taxi, checking into a hotel, etc.	
<b>Mandarin</b>	<b>Chinese Character-</b>  Pictograph characters  Pictophonetic characters  Associative and compounds characters  Pinyin and tones  <b>50 common phrase</b>	<b>Each student will be able to</b>  know the history of how the Chinese characters were formed  categorise the words they learnt into these 3 types of characters	Write your own Chinese story book	Google form

**SEPTEMBER**

<b>Subject</b>	<b>Topics Covered</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>
<b>English</b>	Grammar – active and passive voice, Phrasal verbs, Synonyms and antonyms	<b>Each student will be able to</b>  -use and convert from active to passive voice and vice versa.	Learning Activity Locating examples of each type of grammar structure discussed  Using the Thesaurus	Correct responses to the worksheet exercises.  Reports should be written with clarity, fluency and accuracy

	<p>Writing a newspaper report-</p> <p>Revision for the Midterm exams</p>	<p>-use at least 5 phrasal verbs with take, give, do etc</p> <p>-identify phrasal verbs from the textbooks</p> <p>-locate the correct synonyms and antonyms</p> <p>-write the correct writing format for reports and articles.</p> <p>-write a sample of each using the format and in the correct tone and style</p>	<p>Brainstorming session and mind mapping to share ideas and get an overview of the topic</p> <p>Individual</p> <p>Writing assignment</p> <p>Find instances from-</p> <p>-your textbook</p> <p>-newspaper</p> <p>Revision through quizzes, oral and written questions, comprehension practice etc</p>	<p>using suitable tone and format.</p> <p>Objective Type questions: Assessment through Google Form</p> <p>•Oral Assessment (AMP based)</p> <p>•Assignment Questions (based on Bloom's taxonomy)</p>
<b>Hindi</b>	<p>फुटबॉल</p> <p>अमृत संचयन</p> <p>तोता</p> <p>अर्धवार्षिक परीक्षा पुनरावृत्ति</p>	<p>छात्र भारतीय खेलों के प्रति अपने विचारों को चार से पाँच वाक्यों में लिख सकेगा।</p> <p>पक्षी स्वभाव के एक स्वाभाविक दोष से तोते का पिंड अब भी छूट नहीं पाया था इस विषय पर कक्षा चर्चा में भाग लेगा।</p> <p>खेल और शिक्षा दोनों महत्वपूर्ण होते हैं -विषय पर उचित शब्द सीमा में अनुच्छेद लिखेगा।</p>	<p>फुटबॉल के खेल का भारत देश में क्या स्थान है चर्चा करेंगे।</p> <p>वर्तमान समय में शिक्षा व्यवस्था पर प्रकाश डालते हुए लेख लिखवाया जाएगा।</p>	<p>अर्धवार्षिक परीक्षा के माध्यम से।</p>

<p><b>Math</b></p>	<p><b>Data Handling</b></p> <p>Circle graph or pie chart</p> <p>Application questions based on it</p> <p>Chance &amp; Probability</p> <p>Problem solving, computational, Analysing</p> <p>Equations of the form</p> <p>Applications in daily life situations</p> <p>REVISION FOR HALF YEARLY EXAMINATIONS</p>	<p><b>Each student will be able to</b></p> <p>Recollect the different forms of representing data</p> <p>Represent data in the form of pie chart</p> <p>State that the central angle is <math>360^\circ</math></p> <p>Calculate the central angle</p> <p>Differentiate between chance &amp; Probability</p> <p>Consolidate the notion of chance in an event</p> <p>Generalize the above Relate to chance in life</p> <p>Observe strings of throws and notion of randomness</p>	<p><b>Experiential Learning</b></p> <p>Conduct survey on the TV Shows often watched by children and represent the info in the form of a pie chart</p> 	<p>Google forms</p> <p>Quizzing</p> <p>Flash Cards</p> <p>Graphic Organisers</p> <p>'Just A Minute'</p> <p>Prepare to teach</p> <p>Past Questions</p>
<p><b>Science</b></p>	<p><b>Ch 10 - Reaching the age of Adolescence</b></p> <p>Adolescence and puberty</p> <p>Changes at puberty</p>	<p><b>Each student will be able to</b></p> <p>Explain the changes at puberty</p> <p>Identify primary and secondary sexual characters</p>	<p>Expert talk on reproductive health.</p> <p><b>Art- Poster</b></p> <p>Importance of a balanced diet in</p>	<p>Assignment on google doc</p> <p>Class test through google form</p> <p>Quiz</p>

	<p>Secondary sexual characters</p> <p>Role of hormones in initiating reproductive functions</p> <p>Reproductive phase of life in humans</p> <p>Sex determination</p> <p>Hormones other than sex hormones</p> <p>Role of hormones</p> <p>Reproductive health</p> <p>Say no to drugs</p> <p>Revision for Half yearly</p>	<p>Explain the endocrine system.</p> <p>State the role of hormones in initiating reproductive function</p> <p>Explain the reproductive phase of life in humans</p> <p>Explain how the sex of the baby determined</p> <p>Enlist the hormones other than sex hormones</p> <p>Explain reproductive health,</p> <p>Define balanced diet</p> <p>State myths,taboos,Do's and don'ts of reproductive health</p>	<p>adolescence.</p>	<p>Worksheets</p> <p>Assignments</p> <p>Revision</p>
<b>Social Science</b>	<p><b>History</b></p> <p><b>Education and British Rule-</b></p> <p>Indigenous system of education in 19<sup>th</sup> century India</p> <p>British policies of education in India</p> <p>Role of enlightened Indians in</p>	<p><b>Each student will be able to</b></p> <p>(i)explain the traditional educational system of India.</p> <p>(ii)trace the beginning of English ed. In India.</p> <p>(iii)list the differences between the Anglicists &amp; the Orientalists</p>	<p><b>Class Debate:</b></p> <p>Anglicist VS Orientalist</p> <p><b>Research Activity</b></p> <p>Raja Ram Mohan Roy</p>	<p>Class test- Source based 6 marks</p> <p>Debate activity- 4 marks</p> <p>Participation in debate- 2m</p> <p>Research-2m</p>

	<p>spreading western scientific education</p> <p>Growth of National Education in India</p> <p><b>Remaining Days</b></p> <p><b>Revision for H Y Exams + H Y Exams</b></p>	<p>(iv) assess why some Britishers favored oriental system of education</p> <p>(v) specify the role played by the govt. in beginning English education in India.</p> <p>(vi) evaluate the impact of British education in India</p>	<p><b>Value based discussion</b></p> <p>Western education alienated us from our culture. Comment.</p>	<p>Assignment work</p>
<b>Sanskrit</b>	<p>अमूल्य: समय:</p> <p>अविस्मरणीया गोवा यात्रा (पत्र लेखनम्) पत्रपूर्ति:</p> <p>अतिरिक्त कार्यम् – शब्दधातुरूप – तत् पु. स्त्री. नपु.</p> <p>दृश, दा, पा, गम् (लट्-लृट्-लङ्-लोट् लकारेषु)</p> <p>आत्मनेपदी-सेव, लभ् (लृट् लकारः)</p>	<p>प्रत्येक छात्र</p> <p>संस्कृत समय का लेखन कर पाएगा।</p> <p>संस्कृत में समय बता सकेगा।</p> <p>मंजूषा के शब्दों को पत्र में उचित स्थान पर भर पाएगा।</p> <p>पत्र का अनुवाद कर सकेगा।</p> <p>व्यर्थ से समर्थ गतिविधि द्वारा घटिका निर्माण कर सकेगा।</p>	<p>कलासमन्वित कार्यम् – घटिका निर्माण (व्यर्थ से समर्थ- Best out of waste- Craft work)</p>  <p>संस्कृत समय पठन</p> <p>संस्कृत समय लेखन</p> <p>संस्कृत में लिखित पत्र के रिक्त स्थानों में उचित शब्द पूर्ति करना, हिन्दी अनुवाद करना।</p>	<p>विषय से संबंधित मौखिक-लिखित प्रश्नोत्तर, अभ्यास कार्य तथा भाषा संवर्धन गतिविधियों- कला समन्वित कार्य, गूगललेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।</p>

<b>French</b>	<b>Le Futur Proche et le Passé Récent</b>  <b>Revision for the Mid-Term Exams</b>	<b>Each student will be able to</b>  Conjugate verbs in the futur proche and passé récent tenses.  Do a thorough revision for the exam.	Worksheets - Grammar	<b>Assessment- based Activities</b>  Oral Questions  Quizzes  Worksheets
<b>Mandarin</b>	你的爱好是什么  Vocabulary of furniture  More review of Question Words  Character for the artifacts  <b>Grammar of “天天“</b>	<b>Each student will be able to</b>  Make sentences from the sentences patterns  Use the word “天天“ to make proper sentences	<a href="https://www.youtube.com/watch?v=chcOXJ6CE44">https://www.youtube.com/watch?v=chcOXJ6CE44</a>  <a href="https://www.youtube.com/watch?v=ktFPflu6Fv4">https://www.youtube.com/watch?v=ktFPflu6Fv4</a>	worksheet
<b>OCTOBER</b>				
<b>Subject</b>	<b>Topics Covered</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>
<b>English</b>	<b>Main Course Book- Unit 5 –The Palindrome</b>  Lifeskills-	<b>Each student will be able to</b>  -name some of the famous court jesters.  -identify some palindromes.	<b>Experiential Learning</b>  Constructing palindromes  Poster advertising Afghanistan	Google forms  Google docs  Exit tickets

	<p>Good Communication</p> <p><b>Grammar</b> active and passive voice</p> <p>Synonyms and antonyms</p> <p><b>Writing skills</b> creative writing-letter to editor</p> <p>Listening skills</p> <p>Practice</p>	<p>-answer most of the questions verbally and in writing.</p> <p>-write answers to the textual questions ,based on the class discussion</p> <p>-use and convert from active to passive voice and vice versa</p> <p>-write a corrected version of the first letter</p> <p>- identify his/her mistakes</p> <p>-be able to present his/her views in an organised manner.</p> <p>-change sentences in active voice to passive.</p> <p>-use the checklist for writing</p> <p>- listen, comprehend and interpret information</p> <p>- be able to answer questions based on audio</p>	<p>Class discussion on how play of words brings in humour and how wit plays an important role when you want to make a point.)</p> <p><b>Word Wall- (Pinterest)</b></p> <p>Collect all the words associated with the theme of this unit. (The Magic of words)</p> <p>Discuss the character of Tenali Raman, his carefree attitude his pranks, witty answers, how his wit got him out of trouble etc</p> <p><b>Art Integration-</b> 'The Palindrome Song'</p> <p>Sing along to learn new palindromes.(MI- Musical)</p> 	<p>Worksheets</p> <p>Graphic Organisers</p> <p>Weekly Test</p> <p>Jamboard for vocabulary.</p>
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			Assessment Activity	
			Speaking about the role of court jesters in a king's court / society etc	
<b>Hindi</b>	<p>मधुप</p> <p>पाठ- अंतिम सीख</p> <p>नवीन शब्दावली</p> <p>वाक्य रचना</p> <p>प्रश्न उत्तर</p> <p>कालांश ३</p> <p>व्याकरण</p> <p>अनेक शब्दों के लिए एक शब्द</p> <p>वाच्य पहचान व अंतर</p> <p>कि तथा की में अंतर</p> <p>लेखन</p> <p>चित्र वर्णन</p> <p>अपठित गद्यांश</p> <p>कालांश २</p>	<p>प्रत्येक छात्र</p> <p>औपचारिक -अनौपचारिक पत्र लिख सकेगा।</p> <p>ज्ञानी तथा विद्वानों के गुणों को सूचीबद्ध कर सकेगा</p> <p>विनम्रता के सदुपयोग पर पूछे प्रश्नों के सटीक उत्तर दे सकेगा।</p> <p>युद्ध की राजनीति को आज के दौर से जोड़कर कम से कम चार से पाँच वाक्य मौखिक रूप से बताएगा।</p>	<p>रचनात्मक कार्य</p> <p>राम रावण के अंतिम दिन के युद्ध का वर्णन करते हुए कविता या पठन नाटक कीजिये और 2 मिनट का विडियो तैयार कीजिये।</p> <p>की और की का खेल।</p> <p><a href="https://drive.google.com/file/d/1_cs_WTyN1JzzYrB4eYO0lzuuxy3a8MFs/view?usp=drivesdk">https://drive.google.com/file/d/1_cs_WTyN1JzzYrB4eYO0lzuuxy3a8MFs/view?usp=drivesdk</a></p> <p>कला समावेशन</p> <p>रामायण के किसी भी प्रिय पात्र व संवाद की प्रस्तुति व्यक्तिगत या सामूहिक रूप से करवाई जाएगी।</p>	<p>गूगल आलेख व प्रपत्र द्वारा मूल्यांकन</p> <p>मौखिक चर्चा द्वारा।</p> <p>व्याख्यात्मक अभ्यास पत्र के माध्यम से</p> <p>लिखित प्रश्नों के माध्यम से।</p> <p>मौखिक तथा लिखित कार्य की चर्चा व जाँच द्वारा।</p> <p>अभ्यास कार्यपत्र की चर्चा व निरीक्षण द्वारा</p> <p>व्याख्यात्मक लेखन व वाचन द्वारा</p> <p>लिखित प्रश्नों के उत्तर श्रवण माध्यम द्वारा।</p>

	अमृत संचयन दहेज कालांश	अमृत संचयन दहेज नामक कुप्रथा से परिचित होकर अपने शब्दों में शब्द सीमा के भीतर अनुच्छेद लेखन कर सकेगा।		
<b>Math</b>	<b>Linear equations</b> Solving Equations Statement questions Applications in daily life situations	<b>Each student will be able to</b> Define an equation Frame statements Form equations. Solve the equation step by step Think logically to estimate the values of the results Verify the value of the variable satisfies RHS and LHS Calculate the value of the expression for the given value of the variable Frame equations for the given situation Solve for the unknown quantity	<b>Experiential Learning :</b> Real life application To frame a question involving linear equations.  <b>Art Integration :</b> A symbol for linear equation a dance mudra, a yoga posture or Draw any object from your surroundings which you feel represents a linear equation Eg. a seesaw , a balance etc	Google forms Quizzing Flash Cards Graphic Organisers 'Just A Minute' Prepare to teach Past Questions

<p><b>Science</b></p>	<p><b>Force and pressure</b></p> <p>Effects of force, Types of forces, units of forces, Mass and weight</p> <p>Spring balance</p> <p>Unit of pressure</p> <p>Examples of pressure in daily life</p> <p>Simple calculation on pressure</p> <p>Pressure in liquids</p> <p>Atmospheric pressures and its</p> <p>Uses</p>	<p><b>Each student will be able to</b></p> <p>Define force</p> <p>Explain the effect of force.</p> <p>Describe the various types of forces.</p> <p>List the various methods to reduce friction.</p> <p>Understand the concept of weight and the unit used for the measurement of force.</p> <p>Define Pressure.</p> <p>Relate pressure with thrust.</p> <p>List the factor on which pressure in liquids depends on.</p>	<p>Activities will be performed in the class using pencil, eraser, notebook, rubberband</p> <p>Activity to demonstrate that liquids exert equal pressure at equal depth.</p> <p>Observing and analyzing the relation between force and motion in a variety of daily life situations.</p> <p>Demonstrating change in speed of a moving object, its direction of motion and shape by applying force.</p> <p>Measuring the weight of an object, as a force by the earth using a spring balance.</p> <p>Magnetic force using nails and a magnet.</p> <p>Compare the pressure exerted by a pointed nail with a blunt nail.</p>	<p>Google forms (Exit ticket)</p> <p>Quizzes</p> <p>Jam board</p> <p>Live worksheets</p>
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	<p><b>Friction</b></p> <p>Origin of friction</p> <p>Types of friction</p> <p>Laws of friction</p> <p>Ways to reduce friction</p>	<p>Explain the concept of frictional force.</p> <p>Enlist the advantages of friction</p> <p>Analyse the disadvantages of friction.</p> <p>Explain different types of friction.</p>	<p><b>Subject integration-</b></p> <p>Role of friction in sports</p> <p><b>Art Integration-</b></p> <p>Making a simple toy using the concept of friction</p>	<p>Google forms (Exit ticket)</p> <p>Padlet</p> <p>Kahoot</p> <p>Popplet</p> <p>Live worksheets</p>
<b>Social Science</b>	<p><b>Geography</b></p> <p><b>Agriculture</b></p> <p>Meaning</p> <p>Factors influencing Crop Cultivation</p> <p>Types of Agriculture</p> <p>Agriculture in India</p> <p>Types of Crops</p> <p>Major Crops: Rice, wheat Cotton, jute Millets,maize, Tea, coffee</p> <p>Development of Agriculture: A comparative assessment of India and the U.S.A</p> <hr/>	<p><b>Each student will be able to</b></p> <p>(i) state the meaning of the term agriculture’.</p> <p>(ii )assess the factors influencing crop cultivation.</p> <p>(iii) explain the nature of agriculture in India</p> <p>(iv) state the main types of crops &amp; the major Indian crops.</p> <p>(v) compare the developmental status of agriculture in India and the U.S.A.</p> <hr/>	<p>Discussion on Farm Bills 2020</p> <p>Quiz-Identify the crop</p> <p><a href="https://play.howstuffworks.com/quiz/can-you-identify-the-crop-an-image">https://play.howstuffworks.com/quiz/can-you-identify-the-crop-an-image</a></p> <p><b>Map work</b></p> <p>Mark the major crops on the political map of India</p> <hr/>	<p>Participation in Farm Bill Discussion- 2 Marks</p> <p>Long Ans Test- 5 Marks</p> <p>Quiz-</p> <p>Map work</p> <p>Assignment work</p> <hr/>

	<p><b>Civics</b></p> <p><b>The Judiciary</b></p> <p>Structure and working of the judiciary</p> <p>Supreme Court and High courts</p> <p>Function and role of subordinate courts</p> <p>PIL</p> <p>How a case moves from lower to higher courts</p> <p>Need for an independent judiciary</p>	<p><b>Each student will be able to</b></p> <p>(i) explain the importance of and the role played by the judiciary in the country.</p> <p>(ii) give meaning of :</p> <p>a)criminal cases &amp; civil cases</p> <p>b)jurisdiction(along with its types)</p> <p>c)PIL</p> <p>(iii)describe the structure of Indian judiciary.</p> <p>(iv)compare Supreme Court &amp; High Courts.</p> <p>(v) give details about the Subordinate Courts.</p> <p>(vi)elaborate upon the movement of cases from lower to higher courts.</p>	<p>Filing an Online PIL</p> <p><b>Flipped class-</b></p> <p>Types of Jurisdictions</p>	<p>Participation in Flipped class – 5 marks</p> <p>Class test- other objective type questions- 5 marks</p> <p>Online worksheet- PIL-</p> <p>Assignment work</p>
<p><b>Sanskrit</b></p>	<p>चाणक्यः चन्द्रगुप्तः च (क्त-क्तवतु प्रत्ययः)</p> <p>अतिरिक्त कार्यम् – शब्दधातुरूप – अनेक,सर्व केवल बहुवचन (त्रिषु लिंगेषु)</p>	<p>प्रत्येक छात्र पाठ आधारित प्रश्नों के उत्तर दे सकेगा।</p> <p>कला समायोजन हेतु भूमिका निर्वहण करके संवाद बोल सकेगा।</p>	<p>कला समन्वय हेतु भूमिका निर्वहण - संवाद वाचन गतिविधि आधुनिक राजनीति तथा प्राचीन राजनीति को ध्यान में रखते हुए।</p>	<p>विषय से संबंधित मौखिक-लिखित प्रश्नोत्तर , अभ्यास कार्य तथा भाषा संवर्धन गतिविधियों, गूगललेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।</p>

	हलन्तवाचक शब्दरूप- भवत् (उभयलिंग), गच्छत्, राजन्, विद्वस्	प्रकृति-प्रत्यय संयोग व विभाग कर सकेगा।  चाणक्य व चन्द्रगुप्त ऐतिहासिक पात्रों का परिचय दे सकेगा।	 <p>व्यक्ति अध्ययन चाणक्य: – महान् व्यक्तित्व:- अन्वेषणाधारित कार्य</p>	
<b>French</b>	<p><b>La chambre de l'hôtel.</b></p> <p>Les meubles.</p> <p>Décrivez une chambre.</p> <p>Féminin des adjectifs.</p>	<p><b>Each student will be able to</b></p> <p>Describe a room with its furniture and furnishings.</p> <p>Write the feminine form of adjectives.</p>	<p><b>Art:</b> Draw a hotel room and label the various furniture in it.</p> <p><b>Writing Skill based Activity:</b> Décrivez votre chambre en 100-120 words.</p> <p><b>Learning based Activity:</b> Jeu de mots – Adjectifs</p>	<p><b>Assessment -Based Activities :</b></p> <p>Question Bank</p> <p>Worksheet - Grammaire</p>
<b>Mandarin</b>	<p>这是火车站</p> <p>交通工具</p> <p>Vocabulary of transportation</p> <p>Grammar of 交通工具</p> <p>Conversion – Travel. Use the real situations to teach S conversation in traveling</p>	<p><b>Each student will be able to</b></p> <p>Know all the transportation in Chinese</p> <p>Know how to make sentences by using the transportation</p>	交通工具介绍	PPT

**NOVEMBER**

<b>Subject</b>	<b>Topics Covered</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>
<b>English</b>	<p><b>Main course Book- Unit 6-Heal the Earth</b></p> <p>Section 1- Interview with Arun Krishnamurthy</p> <p>An Island of Trees as a reading activity</p> <p>Creating a Brochure and presenting it in class</p>	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>-contribute at least one valid point to the class discussion.</li> <li>-answer most of the basic textual questions independently.</li> <li>- assess what steps we can each take in helping the environment.</li> <li>-write an article based on the brainstorming session..</li> <li>-read, understand and infer the meaning of the simple story.</li> <li>-frame interesting and thought provoking questions.</li> <li>-participate in the class discussion.</li> <li>-focus on the inner meaning of the story</li> <li>- answer the basic textual questions</li> </ul>	<p><b>Experiential Learning-</b></p> <p>Interview two generations- What are they doing as individuals for the environment?</p> <p>Submit Questionnaire and data sheets</p> <p><b>Learning by Doing-</b></p> <p>Take a virtual tour of a rainwater harvesting farm.Understand the relevance of the location of rainwater harvesting pits/ solar panels; also observe the green initiatives taken up in the farmland.</p> <p>Discuss- How much difference do you think these initiatives make? How do they directly / indirectly affect the people around? Connect with Arun K's initiatives.</p>	<p>Google forms</p> <p>Google docs</p> <p>Exit tickets</p> <p>Worksheets</p> <p>Graphic Organisers</p> <p>Weekly Test</p> <p>Jamboard for vocabulary.</p>

	<p><b>Grammar-</b></p> <p>Punctuation</p> <p>Conjunctions</p> <p>Phrasal verbs</p>	<p>-research and identify the information required.</p> <p>-make an interesting and eye catching brochure on the specific topic given</p> <p>-present the information to the class clearly and with confidence.</p> <p>-recall the punctuation basics taught earlier.</p> <p>-use conjunctions to join sentences</p> <p>-locate phrasal verbs.</p> <p>-learn the use of compound words.</p>	<p><b>Word Wall- (Pinterest)</b></p> <p>Collect all the words associated with the theme of this unit. (Heal the Earth)</p> <p><b>Learning Activity</b></p> <p><b>Research and reflect –</b></p> <p>-the importance of trees and plants in our lives</p> <p>-how animal and plant kingdom are interdependent</p> <p>-do plants share a special relationship with people who nurture</p> <p>Think of the many ways you can make a difference to the environment- brainstorm and mind mapping on the board</p> <p><b>Art Integration -</b></p> <p>Creating a brochure on any one species of trees. (MI-Visual-Spatial)</p>	
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			 <p>Assessment of the brochure and the speaking skills</p> <p>Based on-</p> <ul style="list-style-type: none"> <li>-presentation of the information and level of research</li> <li>-visual appeal and layout</li> <li>-confidence and clarity in speaking</li> <li>-any original ideas and special touches</li> </ul>	
<b>Hindi</b>	<p>मधुप</p> <p>पाठ-बस्तर जनजाती में तुंबा जाएका ए पुरानी दिल्ली</p>	<p>प्रत्येक छात्र</p> <p>लौकी के विभिन्न उपयोग एवं औषधीय गुणों को पहचान कर बता सकेगा। .</p>	<p>परंपरा में आधुनिकता का तड़का लगाते हुए एक व्यंजन बनाए।</p> <p><a href="https://youtu.be/8PDvd4jUp3l">https://youtu.be/8PDvd4jUp3l</a></p>	<p>तैयार व्यंजन के आधार पर अंक दिए जाएंगे।</p> <p>गूगल आलेख व प्रपत्र द्वारा मूल्यांकन</p>

<p>नवीन शब्दावली वाक्य रचना प्रश्न उत्तर  कालांश 4 व्याकरण समास श्रुतिसम भिन्नाथक शब्द सार लेखन वाक्य शुद्धि लेखन अनुच्छेद</p>	<p>प्रत्येक छात्र बस्तर के आदिवासी समाज ,कला- संगीत, खानपान के विषय में पूछे गए प्रश्नों के उत्तर दे सकेगा।</p> <p>बस्तर के इतिहास के बारे में मौखिक रूप से बता सकेगा।।</p> <p>बस्तर के आर्थिक सामाजिक महत्व पर आधारित उत्तर दे सकेगा।</p> <p>पुरानी दिल्ली के पारंपरिक व्यंजनों का आज के फास्ट फूड के दौर में क्या मूल्य है ?इस बारे में कक्षा चर्चा में भाग ले सकेगा।</p> <p>पारंपरिक व्यंजनों के पीछे की कहानी से पूछे गए प्रश्नों के सटीक उत्तर लिख सकेगा।</p>	<p>अनुभवजन्य शिक्षण दादी माँ के नुस्खे घर के बुजुर्गों की मदद से किसी बीमारी का इलाज लिखे। प्रश्न कोश का निर्माण कला समावेशन कबीरा औंधी खोपड़ी, कबहूँ धापै नाहिं तीन लोक की सम्पदा, कब आवै घर माहिं संत शिरोमणि कबीरदास जी कहते हैं कि मनुष्य की खोपड़ी उल्टी होती है क्योंकि वह कभी भी धन प्राप्ति से थकता नहीं है। वह अपना पूरा जीवन इस आशा में नष्ट कर देता है कि तीनों लोकों की संपदा उसके घर कब आयेगी। कबीर के लोभ संबंधित किसी दोहा को रैप द्वारा प्रदर्शित कीजिए।</p>	<p>मौखिक चर्चा द्वारा। व्याख्यात्मक अभ्यास पत्र के माध्यम से। लिखित प्रश्नों के माध्यम से। मौखिक तथा लिखित कार्य की चर्चा व जाँच द्वारा।</p>
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<p><b>Math</b></p>	<p><b>Comparing quantities</b></p> <p>Recalling Ratios and percentages</p> <p>Finding the increase or decrease percent</p> <p>Profit Loss and Discount</p> <p>Profit / Loss Formulae</p> <p>Discount</p> <p>Compound Interest</p> <p>Recall Simple Interest</p> <p>What is compound interest?</p> <p>Formulae for compound interest</p> <p>Time period and rate for interest compounded half yearly or quarterly</p> <p>Applications of compound interest formula</p> <p><b>Direct and Inverse proportions</b></p>	<p><b>Each student will be able to</b></p> <p>Convert ratios to percentage and solve the given questions</p> <p>Explain ratio by giving suitable examples</p> <p><b>Discount, Profit, Loss</b></p> <p>Apply the formula for discount and discount percentage and solve the given problem on discount.</p> <p>Calculate the discount in given situations and comment whether the seller has made a profit /loss in the given transaction.</p> <p>Recalls the previous knowledge of loss and profit.</p> <p>analyse the given situation and Compute the unknown quantity</p> <p><b>Simple Interest and Compound Interest</b></p> <p>Define and compare simple interest and compound interest and comment on the situations where either of the two are applied</p> <p>Calculate the simple interest and find the</p>	<p><b>Activity</b></p> <p>1.Offering discount is a marketing strategy.Discuss</p> <p><b>2.Design</b> a pamphlet for sale.</p> <p><b>3.A Game to be designed as a group and played in class</b></p> <p><b>Me the investor ;Me the banker; me the retailer :</b></p> <p>4.Set up a bank or a shop or a retail outlet to explain discount, Profit / Loss ,compound interest</p> <p>·</p> <p>5.Study the leaflets of banks and study the rate of interest given for different term deposits.</p> <p>6. INTERPRETING THE BILL!!</p>	<p>Google forms</p> <p>Quizzing</p> <p>Flash Cards</p> <p>Graphic Organisers</p> <p>'Just A Minute'</p> <p>Prepare to teach</p> <p>Past Questions</p>
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total amount to be paid by the debtor

### Deducing a Formula for Compound Interest

Use formula of simple interest and deduce the formula to calculate the compound interest

Calculate the compound interest and find the total amount to be paid by the debtor

### Rate Compounded Annually or Half Yearly (Semi Annually)

Define the terms 'compounded annually', 'compounded half yearly' and 'compounded quarterly' and give examples and differentiate between the three

### Applications of Compound Interest Formula

Use formula of and solve problems related to increase (or decrease) in population / price of an item Each child will be able to:

Observe the relationship between the given two quantities and solve to find constant of proportionality

### CASE-STUDY



The image shows a screenshot of an invoice. At the top right, the word 'INVOICE' is written in blue. Below it, there are several fields for 'Company Name', 'Address', 'City', 'State', and 'Zip'. To the left of these fields, there are more fields for 'Invoice No.', 'Date', and 'Due Date'. Below the header information, there is a table with multiple columns and rows, likely representing line items. At the bottom of the invoice, there are fields for 'Total Amount', 'Tax', and 'Grand Total'. The entire document is presented as a screenshot of a digital form.

		<p>Solve problems based on direct or inverse proportions in order to establish how one quantity depends on other</p> <p>Examine situations and decide whether two quantities are proportional to each other or not</p> <p>Complete a given table showing two proportional quantities and answer questions based on them</p> <p>Convert the given statement on the relationship (directly or inversely proportional) between two quantities into a table and identify the missing quantity and solve for its value.</p> <p>Observe the table and determine which pair of <math>\\$</math> variables are inversely proportional.</p> <p>Create a scale using a suitable proportionality constant and draw a given figure with large dimensions</p>		
<b>Science</b>	<p><b>HOW THINGS WORK</b></p> <p>Some natural phenomena</p> <p>Static electricity</p>	<p><b>Each student will be able to</b></p> <p>Describe the methods of charging a body.</p> <p>Understand the working and uses of an</p>	<p>Research-</p> <p>Find out the latest earthquake resistant building by-laws according to which architects</p>	<p>Google forms (Exit ticket)</p> <p>Jam board</p> <p>Popplet</p>

	<p>Kinds of electric charges-positive and negative</p> <p>Electroscope -Transfer of charges through induction</p> <p>Flow of charges</p> <p>Atmospheric electricity</p>	<p>electroscope.</p> <p>Explain the effects of electric charges in the atmosphere</p> <p>Explain lightning and thunderstorm</p> <p>Exhibits creativity in designing models using easily available resources such as electroscopes.</p> <p>Explain the concept using the model.</p> <p>Plan and conduct the investigations to seek answers to the queries on their own, such as, what happens when two charged bodies are brought closer?</p> <p>Share at least two observations.</p>	<p>are required to design a building</p> <p>Art Integration- To prepare a infographics on preparedness of earthquake</p>	<p>Mentimeter</p>
<b>Social Science</b>	<p><b>History</b></p> <p><b>Rise of Indian Nationalism</b></p> <p>Rise of nationalist feelings among Indians</p> <p>Birth of the Indian National Congress(I.N.C)</p> <p>Moderates, Extremists and the revolutionaries</p> <p>Constitutional reforms</p>	<p><b>Each student will be able to</b></p> <p>(i)examine the birth of I.N.C;</p> <p>(ii)explain the Moderate and Extremist phases;</p> <p>(iii)trace the revolutionary activities;</p> <p>(vi)tell about the British policy of divide and rule;</p> <p>(v)describe the progress of the national</p>	<p><b>Newspaper Activity:</b></p> <p>Paste one printout of excerpts from newspapers of the early 19<sup>th</sup> century.</p> <p>Highlight the topic it wrote about.</p> <p>Was it critical of the British or full of praise? Analyse the reason behind it.</p>	<p>Oral questions</p> <p>Practice Worksheet</p> <p>Google form -MCQ- Class test - 6 marks</p>

	<p>proposed by the British govt</p> <p>British policy of divide and rule</p> <hr/> <p><b>Geography : Industry</b></p> <p>Meaning</p> <p>Classification based on ways of production</p> <p>location of Industries</p> <p>Industrial regions</p> <p>Types of industries</p> <p>Industrial development in India</p> <p>Comparison of India with other nations w.r.t iron &amp; steel, cotton textile and IT industries</p> <p>Industrial disasters</p>	<p>movement during the First World War.</p> <hr/> <p><b>Each student will be able to</b></p> <p>(i)state the meaning of the term 'industry'</p> <p>(ii)classify the industries on the basis of the ways products are produced;</p> <p>(iii)mention the factors that influence the location of different industries;</p> <p>(iv)list the different types of industries on the basis of different classifications;</p> <p>(v) draw a comparison between India and other nations with respect to iron &amp; steel, textile and IT industries.</p>	<p><b>Practice Worksheet</b></p> <hr/> <p><b>Experiential learning</b></p> <p>Virtual Tour of manufacturing unit to see how raw materials are converted into finished products.</p> <p>Find out the locational advantage of setting it up there and the market it caters to.</p> <p><b>Map of India</b></p> <p>Industrial regions</p>  <p><b>Subject</b></p> <p><b>Enrichment Activity- 10 Marks</b></p> <p><b>Weaves of India</b></p>	<p>Assignment work- 4 marks</p> <hr/> <p>Random questioning</p> <p>Map work 2 Marks</p> <p>Assignment work</p> <p>Graded worksheet 8 marks</p>
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<p><b>Sanskrit</b></p>	<p>वासुदेवस्य दूतकर्म (अव्यय प्रकरणम्) श्रवणकौशल परीक्षणम्</p> <p>संख्यावाची शब्दाः - १-४ (लिंगानुसारम् - प्रथमा विभक्तिः)</p> <p>अतिरिक्त कार्य- धातु रूप-लेखनम्- नी, स्था, शक् (लट्-लृट्-लङ्-लोट् लकारेषु)</p>	<p>प्रत्येक छात्र</p> <p>अव्ययों के अर्थ बता सकेगा।</p> <p>अव्ययों का वाक्य प्रयोग कर सकेगा।</p> <p>कथानक संबंधी प्रश्नोत्तर कर सकेगा।</p> <p>संस्कृत संख्या का प्रयोग कर सकेगा।</p>	<p>अव्ययसूची</p>  <p>अव्ययों के हिन्दी अर्थ संबंधी जैमबोर्ड व प्रहेलिका गतिविधि।</p> <p>श्रवणकौशल परीक्षणम्</p> <p>संख्यावाचि शब्दाः - १-४ (लिंगानुसारम् - प्रथमा विभक्तिः) क्रीडा</p>	<p>विषय से संबंधित मौखिक- लिखित प्रश्नोत्तर , अभ्यास कार्य तथा जैमबोर्ड गतिविधि , गूगलालेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।</p>
<p><b>French</b></p>	<p><b>Le petit déjeuner.</b></p> <p>Vocabulaire de la nourriture.</p> <p>Revision of Articles Partitifs</p> <p>Les adjectifs irréguliers.</p>	<p><b>Each student will be able to</b></p> <p>Identify the food items eaten for breakfast in French.</p> <p>Write the feminine forms of adjectives.</p> <p>Spell irregular adjectives according to gender and number.</p>	<p><b>Collage – Le petit-déjeuner</b></p>	<p><b>Assessment -based Activities :</b></p> <p>Creative Writing - Décrivez le petit-déjeuner en France.</p> <p><b>Worksheet - Les Adjectifs</b></p> <p>Question Bank</p>

<b>Mandarin</b>	我坐飞机去 Travel conversation 机场沟通对话 Online website introduction Chinese culture explore	<b>Each student will be able to</b> Make a conversation for traveling use chinese website Know the chinese culture	Videos PPT	Worksheet
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**DECEMBER**

<b>Subject</b>	<b>Topics Covered</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>
<b>English</b>	<b>Main Course Book</b> <b>Unit 7-</b> <b>Ashoka, the messenger of Peace</b>  <b>Grammar</b> Phrasal verbs contd Prepositions Dramatization of a prose passage- role play  <b>Writing skills</b> Essay – final draft	<b>Each student will be able to</b> -sketch at least one peace motif and explain it. -share any one fact about Ashoka's edicts. -justify how the message is relevant even today. -answer the textual questions. -re-write the message in today's language and vocabulary.	<b>Art Integration-</b> Sketching symbols of peace and an original peace-logo 	Google forms Google docs Exit tickets Worksheets Graphic Organisers Weekly Test Jamboard for vocabulary.

		<ul style="list-style-type: none"> <li>-identify the parts of speech or structures taught</li> <li>-use them in their writing.</li> <li>-locate more examples from the textbook or newspaper.</li> <li>-complete the given exercises independently.</li> <li>-contribute to the group work.</li> <li>-perform whatever role is allotted and speak with confidence.</li> <li>-rewrite a much improved version of the earlier draft</li> <li>-Spot some of his/her own errors.</li> </ul>	<p>Finding out more about the Ashoka's edicts and discuss the message in the edicts and whether they are relevant even today</p> <p><b>Word Wall- (Pinterest)</b></p> <p>Collect all the words associated with the theme of this unit. (Peace)</p> <p>Find out where some of Ashoka's edicts are today.</p> <p><b>Experiential Learning</b></p> <p>Creating a Peace song. Presenting it with music accompanied by instruments.</p> <p>Rewriting the message in simple modern language</p> <p>Learning Activity</p> <p>Children will</p> <p>bring out the meaning of each story through their role play</p>	
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<p><b>Hindi</b></p>	<p>मधुप पाठ- उडनपरी हिमा दास कालांश ६ नवीन शब्दावली वाक्य रचना प्रश्न उत्तर व्याकरण पत्र मुहावरे लोकोक्तियाँ लेखन अपठित कालांश १ अमृत संचयन धन की भेंट</p>	<p>प्रत्येक छात्र उडनपरी हिमा दास के बारे में कम से कम पांच वाक्य लिख सकेगा। शुद्ध उच्चारण से पाठ पढ़ सकेगा। गुरु शिष्य के संबंध के बारे में कहानी लेखन कर सकेगा। देश प्रेम त्याग समर्पण विषय पर कक्षा चर्चा में भाग ले सकेगा।  <a href="https://youtu.be/tGnJJeN0gGM">https://youtu.be/tGnJJeN0gGM</a> अमृत संचयन धन की भेंट  प्रत्येक छात्र अच्छाई और बुराई का अंतर कर सकने वाला लेख लिख सकेगा।</p>	<p>अनुभवजन्य शिक्षण भारत में कृषि के बाद सबसे ज्यादा आय कला जगत से प्राप्त होती है। भारत में लगभग ८६ लाख गांव हैं, जिसके हर गांव में कोई-ना-कोई शिल्प प्रैक्टिस की जाती है, इनमें से तुम्बा शिल्प छत्तीसगढ़ राज्य के बस्तर जिले के कई गांवों में आदिवासी लोगों द्वारा प्रैक्टिस की जाती उक्त जानकारी के आधार पर एक तुंबा आर्ट करेंगे।</p>	<p>गूगल आलेख व प्रपत्र द्वारा मूल्यांकन मौखिक चर्चा द्वारा। व्याख्यात्मक अभ्यास पत्र के माध्यम से। लिखित प्रश्नों के माध्यम से।</p>
<p><b>Math</b></p>	<p><b>Factorisation</b> Factorisation by common factors Grouping</p>	<p><b>Each student will be able to</b> Express each term as a product of irreducible factors and find the common factors of the given terms</p>	<p>Quiz on factorization/ division/ find the error to be done as group work as per the topic assigned to the group to be conducted by the students</p>	<p>Google forms Quizzing Flash Cards</p>

	<p>Factorisation using identities</p> <p>Factorise By middle term splitting.</p> <p>Division of algebraic expressions</p> <p>of a monomial by a monomial</p> <p>of a binomial by a monomial</p> <p>by taking out common term</p> <p>by factor method</p> <p>By middle term splitting and then cancelling</p>	<p><b>Method of common factors</b></p> <p>Use the method of common factors and factorize the given algebraic expression</p> <p><b>Factorization by regrouping terms</b></p> <p>Regroup the terms and factorize the given algebraic expressions</p> <p><b>Factorization using identities</b></p> <p>Apply the standard algebraic identities and factorize the given algebraic expressions (for perfect squares) 698</p> <p>Factors of the form Factorize algebraic expressions in the form and express it as a product of its irreducible factors of the form</p> <p><b>Division of Algebraic Expressions</b></p> <p>Use the common factor method and divide a monomial by a monomial /divide a polynomial by a monomial / polynomial by a polynomial</p> <p>Divide each term in the numerator by the denominator and divide a polynomial by a monomial</p> <p>Find the Error</p>	<p>Activity on factorisation</p> <p><a href="https://www.youtube.com/watch?v=OlenxJu7ukU">https://www.youtube.com/watch?v=OlenxJu7ukU</a></p> <p>The 'Do it Now' Question</p> <p>Factorise:</p> <p><math>q^2 - 10q + 21</math></p> <p>Google forms</p>	<p>Graphic Organisers</p> <p>'Just A Minute'</p> <p>Prepare to teach</p> <p>Past Questions</p>
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		Check the given mathematical statements and find and give reasons for the possible errors in them		
<b>Science</b>	<b>Chemical effect of current</b> Electrolytes Electrolysis Chemical effect of current Electroplating	<b>Each student will be able to</b> Differentiate between conductor and insulator Make a tester and check the conductivity of different solutions and then differentiate between electrolyte and non-electrolyte Explain how the magnetic effect of current is used to check the conductivity of liquids. Explain how a magnetic compass be used in a tester Enlist effect produced by electric current when it is passed through an electrolyte .Perform activity to show that fruits and vegetables also conduct electricity .Elaborate the observation of the activity when current is passed through water.	Conduction of current through fruits and vegetables.	Quiz Google forms Assignments in google docs Liveworksheet

	<p><b>Light</b></p> <p>Reflection of light</p> <p>laws of reflection</p> <p>Image formation by plane mirror</p> <p>Periscope</p> <p>Kaleidoscope</p> <p>Uses of plane mirror</p> <p>Dispersion of light</p>	<p>Define electroplating</p> <p>Draw the diagram of the experimental set up of electroplating and explain the process.</p> <p>Enlist the advantages and disadvantages of electroplating</p> <p><b>Each student will be able to</b></p> <p>Define reflection of light</p> <p>Explain the laws of reflection</p> <p>Plan and conduct investigations or experiments to verify the laws of reflection .</p> <p>State the laws of reflection</p> <p>Diagrammatically represent laws of reflection.</p> <p>Calculate angle of incidence and reflection</p> <p>Explain the formation of images by plane mirror with the help of an activity.</p> <p>List any five characteristics of an image formed by plane mirror Differentiate</p>	<p>Activity-</p> <p>Laws of reflection</p> <p>Periscope</p>	<p>Quiz</p> <p>Google forms</p> <p>Assignments in google docs</p> <p>Liveworksheet</p>
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		between real and virtual image. Understand regular and irregular reflection		
<b>Social Science</b>	<p><b>Civics</b> <b>Role of Police and Courts-</b></p> <p>Role the police</p> <p>Rights of arrested person</p> <p>Filing an FIR→ Duty of police accept an FIR and investigate</p> <p>Role of courts</p> <p>→Trial</p> <p>→Role of public prosecutor</p> <hr/> <p><b>History</b> <b>National Movement</b></p> <p>Emergence of Gandhiji</p> <p>Unpopular British actions</p> <p>--Rowlatt Act</p>	<p><b>Each student will be able to</b></p> <p>(i)state the role of the police in our country.</p> <p>(ii) List the rights of arrested person in our country</p> <p>(iii)give details about the FIR and the Supreme Court's instructions w.r.t. the same.</p> <p>(iv)enumerate the role of the courts and the public prosecutor in conducting trials.</p> <p>(v) Explain the meaning of a fair trial</p> <hr/> <p><b>Each student will be able to</b></p> <p>(i)trace the rise of Gandhiji in the Indian freedom movt.</p> <p>(ii)list the unpopular British actions taken before 1919.</p> <p>(iii)examine the anti-British movts.</p>	<p><b>Art Integration- Group activity</b></p> <p>Puppetry - depicting a fair trial</p> <p><b>Experiential learning</b></p> <p>E-Filing an FIR</p> <p>Assume that you have lost your cell phone.Take a printout an online FIR form fill it up and paste it in your notebook</p> <hr/> <p><b>Write a speech</b></p> <p>Read the historic speech of Pandit Nehru. If you were Nehru how would you address the nation on the midnight of independence?</p>	<p>Art Integration Group Activity- 6 marks</p> <p>Writing FIR – 4 marks</p> <p>Online worksheet- Assignment work</p> <p>Class Discussion</p> <hr/> <p>Oral questions</p> <p>Participation in Group Discussion</p> <p>Online Quiz 8 marks</p> <p>Speech writing- 2 marks</p>

	<p>--Jallianwala Bagh</p> <p>Anti-British Movt</p> <p>Khilafat--Non-Cooperation</p> <p>Swaraj Party</p> <p>Revolutionaries</p> <p>Communist party</p> <p>Simon Commn</p> <p>British Repressn</p> <p>Poorna Swaraj</p> <p>Civil Disobedience.</p> <p>2 NationTheory</p> <p>Final Phase</p> <p>- Congress &amp; World</p> <p>--Quit India Movt.</p> <p>--Azad Hind Fauj</p> <p>Transfer Power</p> <p>--Unrest in India</p> <p>--Cabinet Mission</p>	<p>iv)state the importance of the Swaraj Party.</p> <p>(v)write about the revolutionary trends during the national movt.</p> <p>(vi)analyze the aims of the communist party, the Simon Commission and the Two nation theory.</p> <p>(vii)give details about The Civil Disobedience Movt.</p> <p>(viii)describe the final phase of the National Movt.</p> <p>(ix)explain the transfer of power to the Indians and the way India got partitioned.</p>	<p><b>Online quiz-</b> Related Incidents</p> <p><b>Group Discussion-</b> Non Violence</p>	<p>Assignment work</p>
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	<p>--Const Assembly and Interim Govt.</p> <p>--Partition and Independence</p>			
<b>Sanskrit</b>	<p>भारतीयः नार्यः (स्वर-संधिः- वृद्धि, यण्, अयादि)</p> <p>उपपद विभक्तिः- द्वितीया- विना, परितः, गम् तृतीया - सह, अलम् चतुर्थी - नमः, दा पञ्चमी- बहिः, अनन्तरम् षष्ठी - उपरि, पुरतः, पृष्ठतः सप्तमी - निर्धारणे, स्निह् कुशल(प्रवीण/दक्ष/निपुण)</p> <p>गीतायाः महात्मयम् (श्लोकाः) (केवलश्रवणम्)</p> <p>अतिरिक्त कार्यम् - संस्कृतसंख्या-1-100</p>	<p>प्रत्येक छात्र</p> <p>विचारात्मक सोच तथा विकास की प्राप्ति के साथ प्रत्येक छात्र लिंगसंवेदनशीलता को समझेगा कि लड़कियाँ किसी भी क्षेत्र में लड़कों से कम नहीं होती।</p> <p>दत्त गद्यांश में से पृष्ठ प्रश्नों के मौखिक व लिखित संभावित उत्तर दे सकेगा।</p> <p>संबंधित प्रश्नों के उत्तर दे सकेगा।</p> <p>गद्यांश में आए स्वर संधि के शब्दों में संधि विच्छेद कर पाएगा।</p> <p>उपपदों का प्रयोग कर सकेगा, वाक्य में उपपद को पहचान सकेगा।</p>	<p>कला समन्वय गतिविधि हेतु महान् स्त्रियों पर कविता लेखन / कूटवाक्य रचना अथवा डिजिटल प्रस्तुतीकरण करना।</p>  <p>कथानकाधारित मुख्य सांकेतिक वाक्य लिखना।</p> <p>कथानक में से स्वर संधि युक्त शब्द ढूँढना तथा उनका संधि विच्छेद करना।</p> <p>कथानक संबंधी प्रश्नोत्तर करना।</p> <p>उपपद तालिका अनुसार वाक्य में उचित विभक्ति का प्रयोग करना।</p>	<p>विषय से संबंधित मौखिक-लिखित प्रश्नोत्तर, अभ्यास कार्य तथा भाषा संवर्धन गतिविधियों, गूगललेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।</p>

<p><b>French</b></p>	<p><b>Une Promenade</b></p> <p>Les Monuments et les Avenues de Paris.</p> <p><b>Le déjeuner au restaurant</b></p> <p>Commander un repas.</p>	<p><b>Each student will be able to</b></p> <p>Identify the sights of Paris.</p> <p><b>Each student will be able to</b></p> <p>Read a menu card and order a dish in a restaurant.</p> <p>Use vocabulary words for dishes and food items.</p>	<p><b>Art :</b> Make a collage of the various monuments of Paris.</p> <p><b>Experiential Learning based Activity:</b> A virtual tour of Paris and a walk down the Champs-Elysees.</p> <p><b>Learning based Activity:</b> Décrivez la ville de Paris en 120 – 150 mots.</p> <p><b>Jeu de Rôle :</b> Ordering food at a restaurant.</p> <p><b>(Speaking Skill)</b> Comprehension Orale : Au restaurant.</p> <p><b>( Listening Skill)</b></p>	<p><b>Assessment-based Activities :</b></p> <p>Objective Type Questions</p> <p>Oral Questions</p> <p>Class Test</p>
<p><b>Mandarin</b></p>	<p>汽车站在前边</p> <p>New words and sentences patterns</p> <p>Grammar of “的”</p> <p>方向及東西南北</p> <p>Vocabulary of actions</p> <p>“最“ most</p>	<p><b>Each student will be able to</b></p> <p>Describe the directions in chinese</p> <p>Make sentences from “最”</p>	<p><a href="https://www.youtube.com/watch?v=vmHOMh2AQso&amp;t=279s">https://www.youtube.com/watch?v=vmHOMh2AQso&amp;t=279s</a></p>	<p>worksheet</p>

**JANUARY**

<b>Subject</b>	<b>Topics Covered</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>
<p><b>English</b></p>	<p><b>Main Course Book</b>  <b>Unit 7 – Towards Peace</b></p> <p>Wangari Maathai            Maithreem Bhajatha</p>  <p><b>Grammar</b></p> <p>editing contd            Jumbled sentences</p> <p><b>Writing skills</b></p> <p>Speech            Diary entry            Visually guided paragraph</p>	<p><b>Each student will be able to</b></p> <p>-read and understand the poem.</p> <p>-identify some well known personalities who worked for peace.</p> <p>-answer most of the questions.</p> <p>-write answers to the textual questions based on the class discussion.</p> <p>-select any one of the literature reader stories or poems and create an interesting presentation.</p> <p>-edit the passages given with a reasonable degree of accuracy</p> <p>-re-order the phrases to form complete sentences</p> <p>-use the formats taught to write a good speech, diary entry or a paragraph</p>	<p><b>Art Integration-</b>            Create an Album Cover</p> <p>Find out more about songs or poems that spread the message of peace in the world. Create an album cover with visuals on the front and a song list(of peace related songs) on the back .</p> <p><b>Experiential Learning-</b>            Dialogue and Discussion</p> <p>Talk between all the major characters from the MCB chapters....Arun Krishnamurty, Ashoka, Sarojini Naidu and Wangari Mathaai</p> <p><b>Word Wall- (Pinterest)</b></p> <p>Collect all the words associated with the theme of this unit. (Music)</p>	<p>Google forms</p> <p>Google docs</p> <p>Exit tickets</p> <p>Worksheets</p> <p>Graphic Organisers</p> <p>Weekly Test</p> <p>Jamboard for vocabulary.</p>

			<p>Practice Activity</p> <p>Writing the speech diary entry or paragraph using the writing checklist and the guidelines following the proper format</p> <p>Oral and written questioning (Remembering)</p>	
<b>Hindi</b>	<p>मधुप</p> <p>पाठ- चिकित्सा का चक्कर (हास्य लेख)</p> <p>पाठ-लोभ को छोड़ो (मूल्य परक)</p> <p>व्याकरण</p> <p>संधि</p> <p>उपसर्ग</p> <p>प्रत्यय</p> <p>चित्र वर्णन</p> <p>लेखन</p> <p>विज्ञापन रचना</p> <p>अनुच्छेद लेखन</p>	<p>प्रत्येक छात्र</p> <p><a href="https://youtu.be/vXYfGV2x3Oc">https://youtu.be/vXYfGV2x3Oc</a></p> <p>व्यंग्य विधा को समझ कर पाठ पर आधारित प्रश्नों के उत्तर दे सकेगा।</p> <p>विभिन्न चिकित्सा पद्धतियों के नाम लिख सकेगा।</p> <p>लोभ के दुष्प्रभाव के बारे में शब्द सीमा में अनुच्छेद लेखन कर सकेगा।</p> <p>अमृत संचयन</p> <p>पराया</p> <p>कहानी से संबंधित नवीन शब्दावली का निर्माण कर सकेगा।</p>	<p>अनुभवजन्य शिक्षण</p> <p>दादी माँ के नुस्खे</p> <p>घर के बुजुर्गों की मदद से किसी बीमारी का इलाज लिखे।</p> <p>प्रश्न कोश का निर्माण</p> <p>कला समावेशन</p> <p>कबीरा औंधी खोपड़ी, कबहूँ धापै नाहिं</p> <p>तीन लोक की सम्पदा, कब आवै घर माहिं</p> <p>संत शिरोमणि कबीरदास जी कहते हैं कि मनुष्य की खोपड़ी उल्टी होती है क्योंकि वह कभी भी धन प्राप्ति से थकता नहीं है।</p>	<p>गूगल आलेख व प्रपत्र द्वारा मूल्यांकन</p> <p>मौखिक चर्चा द्वारा।</p> <p>वर्ग पहेली द्वारा।</p> <p>व्याख्यात्मक अभ्यास पत्र के माध्यम से।</p> <p>लिखित प्रश्नों के माध्यम से।</p> <p>मौखिक तथा लिखित कार्य की चर्चा व जाँच द्वारा।</p> <p>अभ्यास कार्यपत्र की चर्चा व निरीक्षण द्वारा</p>

	<p>पुनरावृत्ति अभ्यास</p> <p>अमृत संचयन</p> <p>पराया</p>		<p>वह अपना पूरा जीवन इस आशा में नष्ट कर देता है कि तीनों लोकों की संपदा उसके घर कब आयेगी।</p> <p>कबीर के लोभ संबंधित किसी दोहा को रैप द्वारा प्रदर्शित कीजिये।</p>	
<p><b>Math</b></p>	<p><b>Mensuration</b></p> <p><b>1. Areas</b></p> <p>Trapezium</p> <p>A polygon</p> <p><b>2. Surface areas and Volumes</b></p> <p>Cube</p> <p>Cuboid</p> <p>Cylinder</p> <p><b>Practical Geometry</b></p> <p>construction of quadrilaterals</p> <p>Construction of special quadrilaterals</p>	<p><b>Each student will be able to</b></p> <p>Calculate area and perimeter of circle, square, rectangle, triangle</p> <p><b>Area of Trapezium</b></p> <p>Breakdown a given trapezium into known figures (triangles, squares, rectangles) and derive the formula for the area of a trapezium</p> <p><b>Area of a Polygon</b></p> <p>Calculate the area of a given polygon after breaking down the polygon in multiple ways .</p> <p>Uses appropriate methods to find the area of a polygon</p> <p><b>Surface Area of Cube, Cuboid and</b></p>	<p><b>Experiential Learning</b></p> <p><b>Activity:</b></p> <p>1.Explain the formula for 3-D shapes using nets</p>	<p>Google forms</p> <p>Quizzing</p> <p>Flash Cards</p> <p>Graphic Organisers</p> <p>'Just A Minute'</p> <p>Prepare to teach</p> <p>Past Questions</p>

		<p style="text-align: center;"><b>Cylinder</b></p> <p>Illustrate 2-D representation of a cuboid, cube and cylinder and compute the surface areas by breaking them into areas of known figures.</p> <p>Use formulae in order to find surface area and volume of cuboidal and cylindrical object Calculate the surface area of a cube, cuboid and cylinder to determine the cost of painting /covering their surface</p> <p><b>Volume of Cube, Cuboid and Cylinder</b></p> <p>Calculate the volume of a given cube, cuboid, cylinder and infer the quantity of any substance it can hold</p> <p>Modify the values of l, b, h and examine the effect it has on the value of the surface area /volume of a cuboid</p> <p>Modify the values of r, h and examine the effect it has on the value of the surface area /volume of a cylinder</p> <p>Calculate the volume of a given cuboid, cylinder and determine the time taken to fill it with a liquid at a given rate</p>	<p>2. Volume of a cuboid through a case study</p> <p>Case study</p> <p>Try these Pg. 188 and 189</p> 	
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		<p>To construct a quadrilateral using compass on the basis of the given dimensions</p> <p>State the conditions for constructing a unique quadrilateral</p>		
<b>Science</b>	<p><b>Light (contd...)</b></p> <p>human eye.</p> <p>Persistence of vision</p> <p>Braille</p> <p><b>Micro-organisms - Friends and Foe</b></p> <p>Occurrence of micro-organisms</p> <p>Major groups of micro-organisms and their economic importance</p> <p><b>Micro-organisms</b></p> <p>Harmful effects of micro-organisms and food preservation</p>	<p><b>Each student will be able to</b></p> <p>1.Explain the structure of the human eye.</p> <p>2.Demonstrate blind spot with the help of an activity</p> <p><b>Each child will be able to</b></p> <p>Describe various types of micro-organisms which are omnipresent the five major groups of micro-organisms.</p> <p>Explain the harmful effects of microbes on plants, animals and human beings.</p> <p>Analyze the causes of food spoilage and various methods of food preservation</p> <p>Apply scientific principles to solve daily life problems such as</p>	<p>Activity- Demonstration of blind spot</p> <p>To observe the budding of yeast cells.</p> <p>To show fermentation of dough.</p> <p>To observe root nodules of pea plants for Rhizobium bacteria.</p>	<p>Quiz</p> <p>Google forms</p> <p>Assignments in google docs</p> <p>Class test in google forms</p>

		<p>preservation of food to avoid the spoiling Explain the nitrogen cycle.</p> <p>Analyse and interpret the diagram and find the missing links</p>		
<b>Social Science</b>	<p><b>History</b></p> <p><b>India After Independence</b></p> <p>Challenges faced by newly independent India</p> <p>Introduction of Democracy in India</p> <p>Planned economic development in India</p> <p>India's Foreign Policy</p> <p>India as member of NAM and the SAARC</p> <p>Reforms introduced by the Indian govt</p>	<p><b>Each student will be able to</b></p> <p>(i) explain the integration of the princely states, the French colonies and the Portuguese colonies with the Indian dominion.</p> <p>(ii) give details about the successes and failures of India as a democracy.</p> <p>(iii) specify the meaning of 'foreign policy'.</p> <p>(iv) state the foreign policy (highlighting its features) of India.</p> <p>(v) elaborate upon the relations of India with its neighbours.</p> <p>(vi) examine the relations of India with the SAARC &amp; NAM nations.</p> <p>(vii) briefly describe India's future problems w.r.t its independent status as well as its neighbours</p>	<p><b>Travel brochure</b></p> <p>On any one of the SAARC nations (Other than India)</p> <p>Bangladesh, Nepal, Pakistan, Sri Lanka, Bhutan</p> <p>Maldives or Afghanistan</p> 	<p>Travel Brochure- 5 marks</p> <p>Class test- Long Answer 5 marks</p> <p>Assignment work</p> <p>Map work</p>

<p><b>Sanskrit</b></p>	<p>पर्यावरणरक्षकाः ( वाच्य परिवर्तनम्)  लोभः पापस्य कारणम् (केवल पठनम्) शब्द धातु रूप- शतृ प्रत्ययः - भवत् (उभयलिंगी), गच्छत्, राजन्, विद्वस्-स्त्रीलिंग</p>	<p>प्रत्येक छात्र  पर्यावरण सुरक्षा हेतु अपने विचार बता सकेगा।  कथानक का सरलार्थ करते हुए वाच्य परिवर्तन कर सकेगा।  कथानक संबंधी प्रश्नों के उत्तर दे सकेगा।</p>	<p>कला समन्वय- मधुबनी /थांका/ वाल्मी किसी एक कला के माध्यम से भित्ति पत्र रचना(पोस्टर)  <a href="https://docs.google.com/drawing/s/d/1uVasyOQCGLenulybovdw2oqcff2EOGorIzM6oRXryxs/edit?usp=sharing">https://docs.google.com/drawing/s/d/1uVasyOQCGLenulybovdw2oqcff2EOGorIzM6oRXryxs/edit?usp=sharing</a>  पञ्चपर्यायप्रदानम्-चित्रपदकोश रचना    गूगल प्रपत्र द्वारा वाच्य परिवर्तन गतिविधि।</p>	<p>विषय से संबंधित मौखिक- लिखित प्रश्नोत्तर , अभ्यास कार्य तथा भाषा संवर्धन गतिविधियों, गूगललेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।</p>
<p><b>French</b></p>	<p><b>Chez le Legrand</b>  Une soirée</p>	<p><b>Each student will be able to</b>  Follow correct etiquettes when they visit someone's house.</p>	<p><b>Experiential learning based Activity :</b>  How to lay a formal dinner table.</p>	<p><b>Assessment-based Activities :</b>  Objective Type Questions</p>

	Le Dîner.	Discuss the various courses of a french meal.		Oral Questions Class Test
<b>Mandarin</b>	几月去北京旅游最好  Review of sentence order, especially with time  Story writing- Topic- My childhood	<b>Each student will be able to</b>  Tell their own story according to the pattern in the lesson  Make the sentence with the proper sentence order, especially with time	Speech  Topic of "My Childhood"	Google form
<b>FEBRUARY &amp; MARCH</b>				
<b>Subject</b>	<b>Topics Covered</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>
<b>English</b>	Revision for the Final Exam	<b>Each student will be able to</b>  -recall the writing formats  -recall the key themes, message, characters, rhyme schemes, poetic devices etc from the literature texts  -apply the grammar structures taught  - frame answers to questions within the	Revision through group and individual work, with quizzes, small group activities, collaborative learning and peer feedback	Long Ans. Test - Google forms  Google docs- Assignment Question  Worksheet  Graphic Organisers

		word limit		Jamboard for vocabulary.
<b>Hindi</b>	<p>मधुप</p> <p>विज्ञान वायरस और विनाश</p> <p>नवीन शब्दावली</p> <p>वाक्य रचना</p> <p>प्रश्न उत्तर</p> <p>व्याकरण</p> <p>लेखन</p> <p>पुनरावृत्ति अभ्यास</p> <p>अमृत संचयन</p> <p>पुनरावृत्ति अभ्यास</p>	<p>प्रत्येक छात्र</p> <p>डिजिटल क्रांति के विषय में लिख सकेगा।</p> <p>विभिन्न प्रकार के कम्प्यूटर वायरस के बारे में</p> <p>मौखिक रूप से बता सकेगा।</p>	<p>हुक गतिविधि महामारी के इस दौर में कम्प्यूटर विज्ञान किसी देवदूत से कम नहीं।</p> <p>चर्चा करते हुए पाठ आरंभ किया जाएगा एवं पाठ में निहित विभिन्न तथ्य को समझाते हुए पाठ आधारित प्रश्न उत्तर करवाए जाएंगे।</p>	<p>गूगल आलेख व प्रपत्र द्वारा मूल्यांकन</p> <p>मौखिक चर्चा द्वारा।</p> <p>वर्ग पहेली द्वारा।</p> <p>व्याख्यात्मक अभ्यास पत्र के माध्यम से।</p> <p>लिखित प्रश्नों के माध्यम से।</p> <p>मौखिक तथा लिखित कार्य की चर्चा व जाँच द्वारा।</p> <p>अभ्यास कार्यपत्र की चर्चा व निरीक्षण द्वारा</p>
<b>Math</b>	Revision for the Final Exam	<p><b>Each student will be able to</b></p> <p>recall the formulas</p> <p>recall the concepts</p> <p>apply concepts to statement questions</p> <p>compute to find the value of the given expression</p>	Revision through group and individual work, discussions, with quizzes, small group activities, collaborative learning and peer feedback ,self assessment and peer assessment	<p>Google forms</p> <p>Quizzing</p> <p>Flash Cards</p> <p>Graphic Organisers</p> <p>'Just A Minute'</p> <p>Prepare to teach</p>

				Past Questions
<b>Science</b>	<p><b>Pollution of Air and Water</b></p> <p>Air pollution</p> <p>Case study- Taj Mahal</p> <p>Greenhouse effect</p> <p>Water pollution</p> <p>Purification of water</p> <p>Revision</p>	<p><b>Each student will be able to</b></p> <p>Recognize the harmful effects and preventive measures of air pollution.</p> <p>Analyze the causes of water pollution.</p> <p>List various physical and chemical methods of water purification.</p> <p>Explain the method of purification of water supply for city supply</p>	<p>Students will present their views on pollution in air &amp; water in the chosen form of MI</p> <p>Collage on Pollution – causes , effects &amp; remedies</p>	<p>Quiz</p> <p>Google forms</p> <p>Assignments in google docs</p> <p>Class test in google forms</p>
<b>Social Science</b>	<p><b>Civics</b></p> <p><b>Marginalized Groups and Social Justice</b></p> <p>Meaning of marginalized</p> <p>Some forms of social inequality(caste system and untouchability, Adivasis)</p> <p>How social status affects economic status</p> <p>Social justice and the Indian Constitution</p>	<p><b>Each student will be able to</b></p> <p>(i) state the meaning of the term 'marginalized'.</p> <p>(ii) identify some of the forms of social inequality.</p> <p>(iii) explain the relation bet. social and the economic status of people.</p> <p>(iv) mention the provisions of the constitution aiming at bringing about social justice in the society.</p> <p>(v) write about the policy of reservation</p>	<p><b>Art Integration: Any One</b></p> <p>Tribal dance forms</p> <p>Tribal art</p> <p>Tribal craft</p>  	<p>Art Integration Activity- 5 marks</p> <p>Source Based Worksheet 5 marks</p> <p>Group discussion- MANUAL SCAVENGING</p> <p>Assignment work</p>

	<p>Reservation</p> <p>Some laws to help the marginalised</p> <p><b>Remaining Days- Revision for Final Exam</b></p> <p>+</p> <p><b>Preparatory leave</b></p>	<p>being different from discrimination.</p> <p>(vi) state the meaning of manual scavenging.</p>		
<b>Sanskrit</b>	<p>विसर्ग संधि- सत्वम्, उत्त्वम्, रत्वम्</p> <p>राजा भोजः (समास प्रकरण)</p> <p>सन्मित्रम् (अशुद्धि संशोधनम्)</p> <p>शेष कालांश</p> <p>पुनरावृत्तिः</p>	<p>प्रत्येक छात्र</p> <p>शब्दों में विसर्ग के स्थान पर स, श, ष, उ तथा र् का प्रयोग कर पाएगा।</p> <p>कथानक के प्रश्नोत्तर के साथ-साथ समास विग्रह व समस्त पद निर्माण कर पाएगा।</p> <p>अशुद्ध वाक्यों में शुद्धि कर पाएगा।</p> <p>शब्दों में समास व समास विग्रह कर पाएगा।</p>	<p>सत्वम् उत्त्वम् तथा रत्वम् वाले शब्दों को पहचानना।</p> <p>शब्दों में संधि व संधि विच्छेद करना।</p> <p>कथा में आए समास युक्त शब्दों का समास विग्रह करना।</p>	<p>विषय से संबंधित मौखिक-लिखित प्रश्नोत्तर , अभ्यास कार्य तथा भाषा संवर्धन गतिविधियों, गूगलालेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।</p>
<b>French</b>	<b>Revision for Final Exams</b>	<p>A complete revision of the syllabus is done and Doubts are cleared.</p>	<p><b>Worksheet -</b></p> <ul style="list-style-type: none"> <li>· Tenses of verbs</li> <li>· Comprehension passages</li> </ul>	<p>Question Answers</p> <p>Grammar</p> <p>Dictée</p>

				Sample Question paper.
<b>Mandarin</b>	Revision for Final Exams	revision of the syllabus for final exam	<b>worksheet</b>	Worksheet