



TAGORE INTERNATIONAL SCHOOL
VASANT VIHAR, NEW DELHI
SYLLABUS- CLASS X
APRIL-JANUARY (2022-23)

Subject	Topics to be Covered / No. of Periods	Learning outcome	Activities	Assessments
April				
English	BRIDGE COURSE GRAMMAR *Reported speech 2 classes Poetic devices 2 Classes	Each child will be able to- *use reported speech appropriate to the context in speech and in writing. *State the rules by an understanding of the examples and the usage of reported speech in a given context Each child will be able to *identify and appreciate significant literary devices such as, metaphor, imagery, symbol, simile, personification, onomatopoeia, in poetry	Group activity- Experiential groups of three students in each group Role play – The awesome threesome investigate school heroes who have worked for a cause Review Collaborative- *Write a short dialogue between the investigator and the hero, based on the role play. * Change the dialogue to reported speech in a short paragraph, using apt reporting verbs. (the third student- the reporter) Group Activity Padlet Wall – for egs of poetic devices used in pop songs / poems in literature textbook of class IX, with name of the literary device Group Activity: Handout on poetic devices from the inputs on jamboard	*Youtube link on reported speech from Diksha *A short quiz to revise concepts * a crossword for revision of reporting verbs Oral Comprehension Check (in the textbook) Assessment

	<p>FIRST FLIGHT</p> <p>Fire and Ice ~ Robert Frost</p> <p>(3 classes)</p>	<p>*List ways to argue that Dust of Snow could fit the themes /elements found in modernist poetry</p> <p>* Read the poem aloud</p> <p>* state the main idea contained in each verse</p> <p>*identify the setting of the poem</p> <p>-identify the poetic devices in the poem.</p> <p>-identify the rhyme scheme and rhyming words</p> <p>Each student will be able to:</p> <p>-recall some interesting facts about the poet Robert Frost</p> <p>*List ways to argue that Fire and Ice could fit the themes /elements found in modernist poetry</p> <p>-summarise the poem in their own words</p> <p>-compare the message conveyed in each of the two poems by Frost</p> <p>-analyse the title, tone, theme ,literary devices used in the poem</p>	<p>Small Group Discussion:</p> <p>'The healing power of nature.' Explain change of mood in the light of the poem.</p> <p>*Write a short poem (using the same rhyme scheme: a b a b) on a similar theme.</p> <p>(Presentation by groups on Google slides.)</p> <p>Group activity: Research - End of the world as a result of human misdeeds'- Different theories</p> <p>Concept Mapping* Study the given list of words -Negative emotions - hot like fire or cold like ice.</p> <p>*Place the words in the appropriate box.</p> <p>FIRE - ICE</p> <p>*State two reasons for your choices.</p> <p>*Give examples from daily life.</p> <p>Art integration -Describe your comprehension of the poem either as an illustration on a comic strip / a rap song / another poem on the same theme / framing questions of different kinds based on the poem</p> <p>As a reporter of a newspaper who attended Nelson Mandela's swearing in</p>	<p>*Textbook Questions Discussion:</p> <p>*Assessment Worksheet</p> <p>*Class test on google form</p> <p>Assessment Worksheet</p> <p>Textbook Questions</p> <p>Assignment – Long</p>
	<p>FIRST FLIGHT</p> <p>Nelson Mandela: Long Walk to Freedom ~ Nelson Rolihlahla Mandela</p>	<p>Each student will be able to</p> <p>-summarize at least a part of the lesson in their own words.</p>		

	<p>(4 classes)</p> <p>FOOTPRINTS WITHOUT FEET</p> <p>A Triumph of Surgery ~ James Herriot</p> <p>(3 classes)</p> <p>GRAMMAR Reported Speech (2 classes)</p>	<p>-explain the meaning of difficult words and phrases and use them in their answers.</p> <p>-analyse the aspects of Mandela's character revealed in the extract</p> <p>-state the ideals that Nelson Mandela had set for South Africa.</p> <p>-discuss the concept of twin obligations and its relevance to daily life.</p> <p>*connects the issues in the text to the world outside and think on possible solutions</p> <p>Each student will be able to</p> <p>*List two points for the motion and two points against the motion</p> <p>*Make a flow chart of the main events of the story</p> <p>-summarize at least a part of the lesson in their own words.</p> <p>-explain the meaning of difficult words and phrases and use them in their answers.</p> <p>-justify the title of the story</p> <p>Each student will be able to</p> <p>-transform sentences correctly from direct to reported speech</p>	<p>ceremony as the President of the newly elected government, write a report in about 120 words about the inauguration.</p> <p>Class Discussion:How does discrimination of any kind affect lives?</p> <p>*Students to make a research based project</p> <p>Different forms of discrimination On grounds of Gender, Race, Religion, Social status, Forms of Forms of discrimination Who is affected Effects- egs from around the world- Past history Solutions</p> <p>News based real life stories of cases of obesity amongst children. Who is to blame? Eg: Walter Hudson * Identify words to describe Tricki's condition before and after the surgery. *List the given words in the two columns</p> <p>BEFORE AFTER</p> <p>*Activity- Word search Character traits of Mrs Pumphrey and Dr Herriot KWL Chart Technology: related links on Diksha platform</p>	<p>Answer Questions</p> <p>Textbook questions,</p> <p>Practice Worksheet</p> <p>Textbook Questions</p> <p>Practice Worksheet</p> <p>Assessment Worksheet *Textbook Question</p>
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		-report some incidents in their own words		*Assignment – Long Answer Questions
Math	<p>Real Numbers</p> <ul style="list-style-type: none"> • The Fundamental • Theorem of Arithmetic • Revisiting Irrational Numbers <p>Polynomials Geometrical meaning of the zeroes of the polynomial Relationship between zeroes and coefficients of a polynomial</p> <p>Pair of linear equations in 2 variables Graphical Solution Algebraic Method</p>	<p>Each child will be able to</p> <ul style="list-style-type: none"> -recall HCF, LCM, prime factorization, irrational numbers -State Fundamental Theorem of Arithmetic -apply Euclid's algorithm to find HCF of two numbers -apply Fundamental Theorem to find the HCF and LCM of 2 or more numbers - prove the irrationality of a given number -find whether a given number has terminating or non terminating decimal expansion and also find its expansion. <p>Each child will be able to</p> <ul style="list-style-type: none"> -identify linear, quadratic and cubic polynomials -know meaning of zeroes of a polynomial -correctly identify and also verify relationship between coefficients and zeroes of a polynomials. <p>Each child will be able to-</p> <ul style="list-style-type: none"> -Identify a system of linear equations. solve a system of linear equations algebraically and graphically 	<p>Hook Activity: Venn Diagram on Real numbers</p> <p>Experiential Learning Find the HCF / LCM as the case maybe of given</p> <p>Statement questions</p> <p>Activity: Mind Map</p> <p>Flipped learning Activity: Geometrical meaning of the zeroes of the polynomial - From the textbook To graph quadratic polynomials to find out their geometrical representations Research based activity: Find out about palindrome and anti palindromic polynomials</p> <p>Hook activity : Discuss what a linear equation represents and consistency of a pair of Lines.</p>	<p>Class work</p> <p>Home work Short written class test Google form objective type questions On irrational numbers</p> <p>Quiz Case studies Class Test and</p> <p>Google form objective type questions On polynomials Quiz Case studies Group activities Weekly Test Lab Activities: To find the conditions of consistency (Graphically)</p>

	<p>-Substitution -Elimination -Equations reducible to a pair of linear equations in 2 variables</p> <p>Coordinate Geometry Distance Formula</p>	<p>-acquire skill in plotting graph - acquire skill in translating verbal statements to equations -identify consistency and inconsistency through algebraic conditions and also through graphs -solve the pair of linear equations by substitution , elimination and -reduce a pair of equations to linear equations and solve them.</p> <p>recall how points are written in a coordinate plane. -find the distance between 2 points using distance formula</p>	<p>Flipped learning Activity:</p> <p>1)Graphical Method: from textbook 2)Algebraic Methods: youtube videos or khan academy videos 3) Equations reducible to a pair of linear equations in 2 variables</p> <p>Experiential Learning: Hands on Lab Activity: To find the conditions of consistency through activity (Graphically)</p> <p>Brainstorming SkillPractice: Flipped Activity : How do we plot ordered pairs on a cartesian plane? Experiential Activity: Relating coordinate geometry to real life situations</p>	
<p>Hindi</p>	<p>ब्रिज कोर्स लेखन कौशल – विज्ञापन निर्माण अनुच्छेद लेखन कालांश-4 बड़े भाई साहब गद्य खंड</p>	<p>प्रत्येक छात्र - विज्ञापन का महत्व विज्ञापन-निर्माण कला आकर्षक विज्ञापन बनाने हेतु मुख्य बिंदुओं को ध्यान में रखते हुए विज्ञापन निर्माण कर पाएगा अनुच्छेद लेखन का प्रारूप तथा मुख्य बिंदुओं को ध्यान में रखते हुए</p>	<p>बड़े भाई साहब- पढ़ोगे-लिखोगे बनोगे नवाब,खेलोगे-कूदोगे होंगे खराब पंक्ति की वर्तमान के सन्दर्भ में समीक्षा (शारीरिक शिक्षा) तंतारा वामीरो कथा – अंडमान निकोबार की लोक-कथाएँ एवं संस्कृति की जानकारी </p>	<p>पाठ से संबंधित लिखित तथा मौखिक कार्य के माध्यम से, गृह कार्य के द्वारा। वाचन एवं श्रवण कौशल का मूल्यांकन। दोहे-कबीर- दोहों से मिलने वाले कम से कम पाँच नैतिक</p>

<p>कालांश-5</p> <p>.....</p> <p>कबीर- दोहे</p> <p>कालांश- 5</p> <p>पद्य खंड</p> <p>.....</p> <p>ततार्रा वामीरो कथा</p> <p>कालांश-5</p> <p>गद्य खंड</p> <p>.....</p> <p>व्याकरण -मुहावरे</p> <p>कालांश-2</p> <p>अनुच्छेद -खेलकूद -स्वस्थ तन :स्वस्थ मन</p> <p>कालांश-1</p> <p>समाचारपत्र गतिविधि-</p> <p>अपठित गद्यांश</p> <p>कालांश-1</p> <p>वाचन एवं श्रवण कौशल का</p>	<p>लगभग 150 शब्दों में अनुच्छेद लिख जाएगा</p> <p>कक्षा में हो रही चर्चा में भाग ले संबंधित विषय पर कम से कम 2-3 पंक्तियाँ बोल जाएगा।</p> <p>कहानी में से कम-से-कम 8-10 मुहावरे छांट जाएगा।</p> <p>वाद-विवाद में भाग ले अपने विचारों को स्पष्ट रूप से अन्य छात्रों के समक्ष रख जाएगा।</p> <p>दिए गए दो-दो पृष्ठों के मुख्य भाव से परिचित हो जाएगा। पूछे गए मौखिक एवं लिखित प्रश्नों के संभावित उत्तर दे जाएगा।</p> <p>दोहों से मिलने वाले नैतिक तथा जीवन मूल्यों में से कम से कम 2-3 मूल्य बता जाएगा।</p> <p>विजातीय विवाह पर उठे सवालों, आने वाली कठिनाइयों कारण व निवारण पर हो रही चर्चा में भाग ले जाएगा।</p> <p>एकीकृत शिक्षण के अंतर्गत अनुच्छेद लेखन हेतु अपने विचार 80-100 शब्दों में व्यक्त कर जाएगा।</p>	<p>(सामाजिक विज्ञान)</p> <p>कक्षा में क्विज़ का आयोजन,</p> <p>व्यक्तिगत समय-सारिणी का निर्माण,</p> <p>पाठ से संबंधित लिखित तथा मौखिक कार्य बड़े भाई साहब- समय प्रबंधन –आदर्श समय सारिणी का निर्माण</p> <p>स्वास्थ्य एवं कल्याण</p> <p>अनुच्छेद -खेलकूद -स्वस्थ तन :स्वस्थ मन</p> <p>कबीर के दोहों से मिलने वाले 2-2 नैतिक मूल्य तथा जीवन मूल्य ढूंढिए तथा उनकी जीवन में उपयोगिता 4-5 पंक्तियों में मौखिक रूप से सिद्ध कीजिए।</p> <p>लिंग संवेदनशीलता –</p> <p>कहानी में सारी रोक वामीरो पर थी। तन्तारा पर नहीं। इस पंक्ति के द्वारा क्या सिद्ध होता है ? क्या आज भी हमारे समाज में यही स्थिति है? विषय पर चर्चा</p> <p>प्रेम कथा का भावपूर्ण कहानी रूपांतरण। विजातीय विवाह पर चर्चा। कहानी के भिन्न अंत पर विचार</p>	<p>मूल्यों को सूचीबद्ध करना,</p> <p>दोहों की व्याख्या एवं प्रश्नोत्तर के द्वारा।</p> <p>व्याकरण-</p> <p>मुहावरे</p> <p>कार्यपत्र</p> <p>गूगल फॉर्म</p>
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	मूल्यांकन। कालांश-2			
Science Physics	Light -Reflection and refraction of light Reflection of light laws of reflection of light Convex mirror Concave mirror Principal axis Focus of a spherical mirror Focal length of a spherical mirror Centre of curvature of a spherical mirror Radius of curvature of a spherical mirror Object distance Image distance Sign conventions for spherical mirrors Mirror formula Magnification by spherical mirrors. Image formation by spherical mirrors refraction of light Laws of refraction of light Refraction of light through a glass slab. Refractive index Image formation by spherical lenses	Each learner will be able to State the laws of reflection Identify Concave and Convex mirrors. Define principal axis, center of curvature, radius of curvature, focus and focal length of spherical mirrors Understand and apply sign conventions in spherical mirrors Recall the mirror formula and formula for magnification Draw ray diagrams for image formation by spherical mirrors when the object is kept at different positions Solve a given numerical based on mirror formula and magnification. State the laws of refraction Explain refraction of light through a glass slab with ray diagram ·Define refractive index Solve numerical on refractive index Solve numericals on lens formula and magnification Define Power of a lens Find the power of a given lens with a given focal length Draw a neat labeled diagram of the human eye Identify the parts of the human eye and explain its function	Observe the image formed by the rear view mirror and front view mirror of your vehicle. Write down your observations and bring them to class. Handout for Sign conventions for reflection by spherical mirror Archimedes' story & making of solar cooker http://nagamurthy.weebly.com/uploads/1/1/3/9/7/13973340/class-10_ps_em-03_period_plan-12.pdf Practical Tracing the path of a ray of light through a rectangular glass Observe the type of mirror used in reflector of torch, street lights, at sharp bending corners, in shopping malls Beauty from mirrors Read about sheesh mahal of Agra, find out types of mirrors used in this building and why? Virtual Tours- Museum of illusions	Assignment on Laws of reflection and nomenclature related to spherical mirrors Numerical on mirror formula and Ray diagrams

	<p>Lens formula Magnification by lenses Power of a lens</p> <p>Finding focal length of a convex lens and a concave mirror Tracing the path of a ray of light through a glass prism.</p>	<p>Draw ray diagrams for defects of vision Draw ray diagrams for refraction of light through a glass prism Explain Tyndall effect Give examples for Tyndall effect.</p>	<p>Finding focal length of a convex lens and a concave mirror Tracing the path of a ray of light through a glass prism.</p> <p>Observe the type of lenses used in the specs of your family members Beauty from dispersion Study why and how butterfly has beautiful colours Virtual Tours- Science Museum of Delhi https://www.youtube.com/watch?v=rMsLAyVmvoU</p>	
Chemistry	<p>Chapter 1 (periods 11) Chemical reactions and equations Chemical formulae and equations.</p> <p>Balancing chemical equations https://www.youtube.com/watch?v=tV0bxq3Dz88&list=PLNz32RYOjBeoj5i-MeemU6T92arFF8Rh&index=7&t=0s Types of chemical reactions https://diksha.gov.in/play/coll</p>	<p>Interpret the importance of a chemical reaction in daily life. Distinguish between a physical and a chemical change. List the changes to identify a chemical reaction has taken place Identify the correct formula on the basis of valency. Express a chemical reaction through a chemical equation. Write state symbols for the reactants and products</p> <p>Define law of conservation of mass Balance the chemical equations Identify and name the different types of chemical reactions. State and list the elements of the reactivity series.</p>	<p>Activities on chemical reactions 1. Writing of formulae using valency cards 2. Corrosion (few managed to find corroded materials at home and some of the were assigned to present a ppt) 3. Newspaper activity https://www.youtube.com/watch?v=m8t4btjJd5Y https://www.youtube.com/watch?v=XuoRkcNoeaE https://www.youtube.com/watch?v=VRJcn50b21A Practicals 1. Types of reactions - lab activity Hands on experiment</p>	<p>Assessment using different online resources (subject to change as per the concept)</p> <p>Valency cards for writing formulae</p> <p>Google form-- class test Worksheet on balancing equations</p> <p>Activity worksheet on corrosion</p>

	ection/do_312796455245733888120257?contentType=TextBook&contentId=do_312795723999215616110713 Redox reactions	Define redox reaction Identify the substance oxidized, reduced, oxidizing agent and reducing agent from the given reactions	Quiz overall chapter https://diksha.gov.in/play/collecti...on/do_312796455245733888120257?contentType=TextBook&contentId=do_312795723999215616110713	Oral quiz from the site mentioned.
Biology	Life processes- Nutrition in plants & animals - 8 classes	Each child will be able to- <ul style="list-style-type: none"> Specify the role of Chloroplast in plant nutrition. Explain the process of photosynthesis. Prove experimentally the significance of raw materials in the process of photosynthesis List the modes of heterotrophic nutrition . Specify two examples of each mode. Draw the labeled diagram of human digestive system State the site & role of enzymes in the processes of digestion Write the significance of coiled structure of human intestine 	Lab activity- Carbon Dioxide necessary for photosynthesis To prepare temporary stained mount of stomata Chlorophyll necessary for photosynthesis Experiential learning- Effect of salivary amylase on starch	Worksheets, Google docs Google forms
Social Science History	Nationalism in Europe	Each child will be able to: * *Highlight the steps taken by French revolutionaries to create feeling of patriotism * Explain the Napoleonic code * Narrate the events of the revolution	Flipped Classroom technique • Role Play Question answer-AMP box • small group Discussions • Cooperative Learning AIL	Diksha Portal: Practice question set Worksheet

		<p>of 1830 and 1848</p> <ul style="list-style-type: none"> *Define romanticism *Analyse the steps taken in the Congress of Vienna 		
Economics	DEVELOPMENT	<p>At the end of the lesson students will be able to</p> <p>Recall three attributes to good living</p> <ul style="list-style-type: none"> *Define terms - per capita income, literacy rate, mortality rate, attendance ratio, human development index, sustainable development * Identify different goals of different people * Analyze the importance of education, PDS, Health distinguish between re-newable and non-renewable resources <p>Define terms like development</p> <p>Highlight the importance of the WDR</p> <p>Identify the reason why the HDI is a better indicator of development</p> <p>State the importance of public facilities</p> <p>Distinguish between renewable and non-renewable resources.</p>	<p>Word Splash</p> <p>Debate:</p> <p>Is the government doing enough to achieve sustainable development?</p> <p>Role Play</p> <p>Drawing inferences from photographs</p> <p>Collaborative study</p> <p>Concept map</p> <p>Experiential Learning</p>	<p>Oral Questioning Worksheet</p>
Geography	<p>Resources and development</p> <p>Definition Independent relationship between nature , technology and institution</p>	<ul style="list-style-type: none"> - Understand and define the characteristics of resources - Identify relationship - Examine importance of Human resource - Classify the resources on 	<p>https://diksha.gov.in/play/collection/do_312796455289274368120446?contentType=TextBook</p>	<p>Worksheet</p>

	<ul style="list-style-type: none"> -characteristics - Human resource - Classification.- origin, ownership ,exhaustibility, And status of development - Resource development and problems - Resource planning -Resource conservation -Land resource - Land use pattern - Land degradation and conservation measures. - Soil – resource - Types of soil -Soil erosion and conservation 	<p>different basis</p> <ul style="list-style-type: none"> - discuss resource development and problems -List levels of resource planning.. -Understand the judicious utilization of resources. - Realize the value of resource conservation - Underline Gandhijis view on resource conservation - Understand the importance of land as a resource. - Define essential qualities of land use pattern. - Compare two pie diagrams and give reasons for the increase and decrease of each category. -Define essential qualities of land use pattern.- Compare two pie diagrams and give reasons for the increase and decrease of each category. - Find out about the factors that lead to land degradation. -Suggest steps to be taken to control land degradation. - Highlight the importance of soil as a resource - Explain soil profile with the help of a diagram - List the factors affecting soil formation . -Identify the varieties of soil found in India and outline their characteristics. 	<p><u>Hands-on Experiential</u></p> <p>Make a list of resources available in and around your house which can be termed as a resource</p> <p>Categorize them under biotic and abiotic</p> <p>Google doc- Home workassignmnets</p> <p><u>CBSE Class 10 Geography - 1 Resources and Development Full Chapter By Shiksha House.mp4</u></p> <p>Draw a pie diagram</p> <p>Map on -</p> <p>The major soils of India</p>	<p>Prepare mind maps</p> <p>Prepare flow diagrams</p> <p>Weekly on MAY 2022</p> <p>Google forms</p>
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<p>Sanskrit</p>	<p>सेतु पठन- समास – विभक्ति तत्पुरुषः समस्तपद अवबोधन समासविग्रहज्ञान</p> <p>समास - द्वन्द्व, अव्ययीभाव</p> <hr/> <p>शुचिपर्यावरणम् कालांश – 6</p> <hr/> <p>व्यंजन सन्धि वर्गीयप्रथमाक्षराणां तृतीयवर्णे परिवर्तनम्, प्रथमवर्णस्य पंचमवर्णे परिवर्तनम् शब्दों में संधि व संधि विच्छेद</p> <hr/> <p>अव्ययपदानि व संस्कृत- समयः कालांश – 4</p>	<p>प्रत्येक छात्र -</p> <ul style="list-style-type: none"> समास प्रकरण बता पाएगा। समास को पहचान पाएगा, सामासिक शब्दों का प्रयोग काव्य अथवा लेख इत्यादि कला में कर पाएगा। समास विग्रह कर पाएगा। समास को कला के माध्यम से दर्शा सकेगा। (योग्यता आधारित अधिगम) <hr/> <p>अच्छे नागरिक व पारिवारिक सदस्य होने के गुण बता सकेगा।</p> <ul style="list-style-type: none"> श्लोकों को संस्कृत में पढ़ सकेगा। श्लोकों के भावार्थ बताएगा, अन्वय कर सकेगा, श्लोकों का अनुवाद कर सकेगा श्लोक आधारित प्रश्नों के उत्तर दे सकेगा। <hr/> <p>प्रत्येक छात्र व्यंजन संधि के भेद तृतीय अक्षर तथा पंचमाक्षर को बता सकेगा ,</p> <ul style="list-style-type: none"> शब्दों में संधि विच्छेद कर सकेगा। तकनीकी साधनों द्वारा संधि कार्य का प्रस्तुतीकरण कर सकेगा। संधियुक्त शब्दों को अन्तर्जलीय स्थलों पर खोज सकेगा। <hr/> <p>प्रत्येक छात्र अव्ययों के अर्थ बता सकेगा। अव्ययों से वाक्य बना सकेगा। रिक्तस्थान में उचित अव्यय की पूर्ति कर सकेगा। संस्कृत समय बता सकेगा।</p>	<p>सामूहिक गतिविधि- https://padlet.com/usha11/dfq4408j2wks44s4 युगल-पाठन-शिक्षण समास संबंधी वाचन व प्रश्नों के उत्तर लिखना।</p> <hr/> <p>स्वच्छता अभियान पर पांच संस्कृत वाक्य लिखना। पठन, सरलार्थ व श्लोकान्वय लेखन प्रश्नरचना, प्रश्नोत्तर अभ्यास- https://edpuzzle.com/media/6070b5ed0c539341659f2f44 शुद्ध पर्यावरण विषयक एकीकृत कार्य -</p> <p>प्रदर्शन –वर्ली कला में चित्रात्मक भित्तिपत्र (पोस्टर) रचना</p>  <p>सामाजिक विज्ञान तथा इको क्लब स्वच्छता पर नारा लेखन</p> <p>गणित - अस्वच्छ क्षेत्रों का Dataआधार सामग्री एकत्र करना</p>	<p>छात्रों द्वारा वाचन कौशल अभिव्यक्ति- योग्यता आधारित अधिगम के प्रस्तुतीकरण द्वारा, समास, समयादि के संकल्पनीयचित्र, सामासिक शब्दों की खोज व गूगल प्रपत्र पूर्ति, तथा प्रहेलिका, लिखित व मौखिक कार्य, तथा सन्धि तथा सन्धि विच्छेद, प्रस्तुतीकरण तथा गूगलप्रपत्र के माध्यम से मूल्यांकन।</p>
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		संस्कृत समय का वाक्यप्रयोग कर सकेगा।	<p>परापरावर्तिता कक्षा (Flipped class) संधि प्रस्तुतीकरण संधि की तकनीकी अवबोधन प्रस्तुतीकरण गतिविधि संधि संबंधी फलक(बोर्ड) क्रीडा रचना अथवा संधि संबंधी कलात्मक कार्य</p> <p>व्यावहारिक ज्ञान अव्ययों के अर्थ खोजना, अव्ययों का प्रयोग करते हुए अपने साथ घटित कोई घटना लिखना। यथा – अहं तत्र गच्छामि यत्र जनाः न सन्ति। सहसा मम समीपे नूनं एकः सिंहः आगच्छत्। अव्ययपदों से रिक्तस्थान पूर्ति करना।</p> <p>संस्कृत समय फलक(बोर्ड) क्रीडा निर्माण</p>	
French	<p>Retrouvons nos amis</p> <ul style="list-style-type: none"> · Présenter vos camarades · La Corse · < Etre > ou < ne pas Etre > · La Tour de France · La fête de la musique Les Fêtes françaises <p>Après le Bac</p> <ul style="list-style-type: none"> · Le Futur Antérieur · Le système d'éducation en France et en Inde. · IUT · Le CROUS · Les Expressions de 	<p>Each student will be able to –</p> <ul style="list-style-type: none"> · Describe the island of Corse and compare it with the Indian islands of Andaman and Nicobar. · Describe the famous festivals of France like the Tour de France, La fête de la musique, festival d'Avignon, etc. · Understand a french poetry and answer questions based on it. <p>Each student will be able to-</p> <ul style="list-style-type: none"> · Conjugate all verbs in futur antérieur form. · Identify when to use future tense and future antérieur tense in the 	<p>Research-based activity : Tour de France & Fête de la musique.</p> <p>Island of Corse</p> <p>Island of Andaman and Nicobar Proverbs in French.</p> <p>Art Integration : Song "Matar Ghashthi".</p> <p>G.K Activity : University of Sorbonne</p> <p>CROUS & CNOUS</p> <p>Activity on Values – Activity on values of education.</p>	<p>Présenter quelqu'un (Assessment of Speaking Skill)</p> <p>Worksheet - Grammaire</p> <p>Worksheet - Futur et Futur Antérieur</p> <p>La Lettre : Décrivez le système d'éducation.</p>

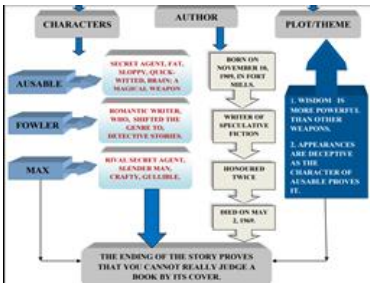
	<p>l'examen</p> <ul style="list-style-type: none"> · Université de Sorbonne · Les objets dans un sac <p>Chercher du travail</p> <ul style="list-style-type: none"> · Pronoms Relatifs simples et composés · Le Curriculum Vitae · Expressions avec le mot "travail" · Les Petits Annonces 	<p>sentences.</p> <ul style="list-style-type: none"> · Describe the education system in France and in India. · Compare the two education systems. <p>Each student will be able to-</p> <ul style="list-style-type: none"> · Write a curriculum vitae with all the required rubrics. · Join two related sentences using pronoms relatifs composées. · Name of various professions in french. <p>Enumerate the various objects found in an office.</p>	<p>Activity on Gender Sensitivity – A debate on gender in work place.</p> <p>Life skill Activity : Unemployment</p> <p>Gender Sensitivity : A debate on gender in work place.</p> <p>Life skill Activity : Unemployment</p> <p>Experiential Learning based Activity : Students will write a C.V and apply for a job through classified advertisements.</p>	<p>Audio Comprehension (Assessment of Listening Skill)</p> <p>Class Test - Leçons 1 Débat : Women at workplaces (Assessment of Speaking Skill)</p> <p>Worksheet on pronom relatif.</p> <p>Assessment Based Activity : Class Test : Lesson 2 &3</p>
<p>Computer Application</p>	<p>Topics: Unit 2: HTML Sub Topic:</p> <ul style="list-style-type: none"> · Introduction to web page designing using HTML: · Create and save an HTML document, access a web page using a web browser. · HTML tags: html, head, title, body, (attributes: text, background, bgcolor, link, vlink, alink), · br (break), hr(horizontal rule), inserting comments, h1..h6 (heading), · p, b, l, u <p>HTML LISTS</p>	<p>Each student will be able to familiarize with creating simple web page using HTML commands in Notepad and executing the correct output</p>	<p>Create a Webpage on Nelson Mandela using basic HTML Commands</p>	<ul style="list-style-type: none"> · Worksheet · Google form · HTML Output · Webpage · Quiz

	<ul style="list-style-type: none"> • ul, ol and li • Description lists: dl, dt and dd. • Attributes of ol (start, type), ul (type). • Font tags (attributes: face, size, color). • sup (super script), sub (subscript). • Insert images: img (attributes: src, width, height, alt) 	Each student will be able to create lists and insert images in HTML. They will be able to use the lists and Images in the webpages.	Create more pages on Nelson Mandela. Use lists and images in the webpage.	Worksheet <ul style="list-style-type: none"> · Google form · HTML Output · Webpage · Weekly Test
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May

English	<p>No. of working days: 18</p> <p>A Tiger in the Zoo ~ Leslie Norris</p> <p>(3 classes)</p>	<p>Each student will be able to</p> <p>*Design a poster on save the tiger</p> <p>*Contribute meaningfully to a panel discussion on why tigers are becoming extinct in the wild</p> <p>*Analyse the first three stanzas of 'I Know Why the Caged Bird Sings' by Maya</p>	<p>Panel Discussion:</p> <p>-Are zoos necessary for the protection or conservation of some species of animals? Are they useful for educating the public? Are there alternatives to zoos?</p> <p>Human animal conflict - causes/ effects /solutions</p> <p>Group Activity</p> <p>Make a poster on 'Save the Tiger, using gond art Save Humanity'</p>	Practice Worksheet Assignment Worksheet Textbook Questions
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	<p>Two Stories about Flying (5 classes) I. His First Flight ~ Liam O' Flaherty II. Black Aeroplane~ Frederick Forsyth</p>	<p>Each student will be able to: -deduce the meaning of difficult words with the help of clues in the text. -organize the events in the order in which they happened. -justify the title of the story -analyse the character sketch of the protagonist</p>	<p>Group Activity (Unlocking Difficult Words) - Each group gets one word. -Different strategies to be used to provide the meaning of the word: demonstration/ picture/ contextual clue - Other students to guess the word Discussion on Padlet wall - A journey of a thousand miles begins with but a single step. -The need to conquer fear and venture forth</p>	<p>Practice Worksheet Assignment Worksheet Textbook Questions</p>
	<p>FOOTPRINTS WITHOUT FEET The Thief's Story ~ Ruskin Bond (3 classes)</p>	<p>Each student will be able to: -briefly recall any one previously read Ruskin Bond story -understand the underlying meaning of the passage. -frame at least one question after reading the story</p>	<p>Co-operative learning Framing sentences using the acquired vocabulary Panel discussion Ways to reform an offender. Reading:Read at least two more Ruskin Bond short stories featuring an animal or some natural feature.</p>	<p>Practice Worksheet Assignment Worksheet</p>
	<p>FOOTPRINTS WITHOUT FEET The Midnight Visitor ~ <i>Robert Arthur</i></p>	<p>Each student will be able to -form predictions about what the story is about by analysing the title -list the character traits of a secret agent. - summarize the story in their own words. -.reconstruct the sequence of events that led to Ausable getting rid of Max</p>	<p>Cooperative learning -Concept map based on the story</p>	<p>-Oral assessments of the students understanding. -.Written tasks to ensure the chapter's storyline has been understood clearly. -.Classroom</p>

	<p>GRAMMAR MODALS 2 classes BOARD GAME MODAL MADNESS</p>	<p>-identify the elements of a story - exposition/ rising action/ climax/ falling action/resolution -find out the meaning of difficult words using a dictionary -answer textual questions</p> <p>Each student will be able to * List modals based on concepts they convey *Frame sentences of their own to convey the meaning * Play the board game according to the rules Use apt modals to frame a sentence in the given situation</p>	 <p>Discussion -the events created by Ausable to get rid of Max - .After having read the story, , do you think Fowler was 'disillusioned' in his judgement of Ausable as a secret agent? - Do you think Max was quick in believing Ausable? How do you think that he could have handled the situation differently?</p> <p>Group activity Jamboard to list modals and frame sentences Online Board game</p>	<p>discussions based on textual topics or the theme and message of the chapter.</p> <p>*Worksheet on google doc Assignment Worksheet</p>
<p>Math</p>	<p>Coordinate Geometry (continued) Section Formula</p>	<p>Each child will be able to</p> <ul style="list-style-type: none"> ● State the section formula ● Use section formula to ● find the coordinates of the point that divides a line whose endpoints are given in the ratio m:n and vice versa <p>Each child will be able to</p>	<p>Flipped Learning Activity: Reading from book on section formula Experiential Activity: Relating coordinate geometry to real life situations</p> <p>Skill practice</p> <p>Flipped Learning Activity:</p>	<p>Class work Home work Short written class test Google form Quiz Case studies Class Test and Google form Quiz</p>

	<p>Concept: Introduction to trigonometry T-Ratios T-ratios of some specific angles Trigonometric Identities</p>	<p>-understand that trigonometry is the study of the relationship between sides and angles of a right angled triangle. -know the 6 trigonometric ratios -apply Pythagoras Theorem and T-ratios to find the sides of a triangle. --differentiate between the identities -Use identities to establish the required results</p>	<p>Introduction to Trigonometry: you tube video T-ratios of specific angles : from textbook Trigonometric Identities : Educsoft module Cooperative Learning Skill Practice: Individual work/ Pairing Art integration activity : Draw a fractal tree using a pythagorean triplet of your choice.</p>	<p>Case studies Group activities Weekly Test</p> <p>Lab Activities: CONSTRUCT A PYTHAGOREAN TREE</p>
Hindi	<p>पर्वत प्रदेश में पावस कालांश-4 काव्य खंड एकीकृत शिक्षण विषय-जल अंतर्गत (विज्ञान) डायरी का एक पन्ना- सीताराम सेकसरिया कालांश- 4 गद्य खंड</p>	<p>पर्वतीय सौंदर्य के विषय पर हो रही चर्चा में भाग ले जाएगा।</p> <p>पर्वतीय क्षेत्र में होने वाले जलवायु परिवर्तन के बारे में अपने विचार प्रकट कर जाएगा। एकीकृत शिक्षण के अंतर्गत वाचन कौशल का मूल्यांकन दे जाएगा।</p> <p>15-20 वाक्यों में अपने विचारों की अभिव्यक्ति कर जाएगा व्याकरण का मौखिक व लिखित अभ्यास कर जाएगा।</p> <p>सत्याग्रह आंदोलन एवं स्वतंत्रता संग्राम संबंधी अपनी जानकारी कक्षा के साथ बाँट जाएगा।</p> <p>प्रकरण में निहित घटनाओं को प्रवाह संचित्र के माध्यम से दर्शा जाएगा।</p> <p>मीरा के पदों में निहित श्री कृष्ण के प्रति प्रेम को उसकी व्याख्या के द्वारा व्यक्त कर</p>	<p>जीवन कौशल पर्यावरण संरक्षण –अनुच्छेद नैतिक मूल्य देशप्रेम कहानी में निहित देशप्रेम से संबंधित घटनाओं का प्रवाह संचित्र स्वास्थ्य एवं कल्याण लेख-प्रसन्न रहने के विभिन्न उपाय लिंग संवेदनशीलता कहानी डायरी का एक पन्ना में जुलूस में स्त्रियों की भूमिका मर्दों के बराबर थी उदाहरण सहित सिद्ध कीजिए।</p>	<p>सामयिक परीक्षा 27/5/22 पर्वत प्रदेश में पावस कविता की व्याख्या के माध्यम से लिखित एवं मौखिक प्रश्नोत्तर के माध्यम से। कविता की चित्रात्मक शैली का वर्णन अपने शब्दों में करने के द्वारा। डायरी का एक पन्ना- छात्रों से सत्याग्रह आंदोलन के विषय में उनकी जानकारी पर मौखिक चर्चा के माध्यम</p>

	<p>व्याकरण-</p> <p>वाक्य रूपांतरण</p> <p>सूचना लेखन, औपचारिक पत्र लेखन ,अपठित गद्यांश </p> <p>कालांश -4</p> <p>पुनरावृत्ति –</p> <p>कालांश-1</p> <p>वाचन कैशल मूल्यांकन-</p> <p>कालांश-2</p> <p>मीरा</p> <p>कालांश-3</p> <p>पद्य खंड</p> <p>कौशल अभ्यास</p> <p>-----</p>	<p>पाएगा</p>	<p>एकीकृत शिक्षण</p> <p>विषय-जल</p> <p>अंतर्गत</p> <p>(विज्ञान)</p> <p>झरने के जल को मोटी की लड़ियों के समान क्यों बताया गया होगा ? विषय पर चर्चा सरकार की ओर से जल बचाने हेतु विज्ञापन निर्माण </p> <p>(सामाजिक विज्ञान)</p> <p>स्वतंत्रता आन्दोलन के विषय में जानकारी एकत्रित कर कक्षा में अन्य छात्रों के समक्ष सुनाना </p> <p>(इतिहास)</p> <p>मीरा के पद</p> <p>कृष्ण के स्वरूप को मधुबनी कला के माध्यम से व्यक्त करना </p>	<p>से,</p> <p>घटनाओं पर आधारित प्रवाह संचित्र निर्माण,</p> <p>लिखित एवं मौखिक प्रश्नोत्तर के माध्यम से।</p> <p>व्याकरण-</p> <p>व्याकरण के विभिन्न प्रकरणों का मौखिक लिखित तथा कार्यपत्रों द्वारा अभ्यास।</p> <p>वाचन कैशल मूल्यांकन-</p> <p>मीरा के पद-</p> <p>पदों की लिखित व्याख्या के माध्यम से।</p>
<p>Science Physics</p>	<p>Human Eye and colourful world</p> <p>Parts of the human eye</p> <p>Defects of vision</p> <p>Myopia</p> <p>Hypermetropia</p> <p>Presbyopia</p>	<p>Each learner will be able to</p> <p>Recall the mirror formula and formula for magnification</p> <p>Draw ray diagrams for image formation by spherical mirrors when the object is kept at different positions</p> <p>Solve a given numerical based on mirror formula and magnification.</p>	<p>Students will study</p> <p>Dispersion of light in nature</p> <p>Beauty from dispersion</p> <p>Study why and how butterfly has beautiful colours</p>	<p>Assignment on</p> <p>Defects of the human eye and their correction.</p> <p>If an object is moving towards the mirror how the position of</p>

	<p>Refraction of light through a glass prism Dispersion of light Scattering of light Tyndall effect</p>	<p>State the laws of refraction Explain refraction of light through a glass slab with ray diagram ·Define refractive index Solve numerical on refractive index Solve numericals on lens formula and magnification Define Power of a lens Find the power of a given lens with a given focal length</p>	<p>Observe the type of lenses used in the specs of your family members.</p> <p>Experiential learning Finding the image distance for different positions of objects</p>	<p>the image is changing?</p>
<p>Chemistry</p>	<p><u>Chapter 2 Acid bases and salts (periods 10)</u></p> <p>Physical properties</p> <p>indicators</p> <p>Chemical properties of acids and bases</p> <p>Arrhenius theory of acids and bases.-</p> <p>Determination of pH–</p> <p>Preparation and uses of salts.</p>	<p>Each student will be able to :</p> <ul style="list-style-type: none"> •Name the indicators •Classify indicators as synthetic and natural. •Identify acid and bases with the help of indicators •Distinguish between acid and bases on the basis of the chemical reactions •Define neutralization <p>•Recognize that weak acids are either molecules containing ionisable hydrogen atoms or certain cations</p> <ul style="list-style-type: none"> •Analyze the pH of a solution and classify it as acidic, basic, or neutral. •Define what is meant by pH and pH scale •Relate pH to daily life. •Define chlor alkali process. •Explain the preparation and state the uses of different salts •List its applications in daily life situations. 	<p>In class activity.</p> <p>hands on(by students) – Indicators test</p> <p>Experiential learning Students will get materials available at home and perform indicator test in class.after which Table 2.2 of NCERT to be completed</p> <p>Test of electrolytes using different solutions - group activity</p> <p>Art of baking – AIL</p> <p>Bake a cake or cookies , write the ingredients used and name the salt used in baking.</p> <p>Activity to demonstrate water of crystallization.-- Heating of copper sulphate.(activity to be done in lab)</p> <p>Practical - study the properties of acid</p>	<p>Class test Observation based worksheet.</p> <p>Quizzes will be used for quiz(review)</p> <p>Exit ticket</p> <p>MCQ from diksha portal</p> <p>Review EDPUZZLE</p>

			and bases Determination of the ph of different samples.	
Biology	Life processes- Respiration in animals & plants	Each learner will be able to 1.Draw a flow chart to show the breakdown of glucose by various pathways. 2. Draw a well labelled diagram of the human respiratory system.	Activity- Exhaled air is rich in carbon dioxide To show Respiration in yeast	Worksheets Google forms Web based assessments Class test (paper pen)
	Transportation in plants and animals	1.Draw a well labelled diagram of the human heart and state the function of each part. 2.Draw the schematic representation and exchange of oxygen and carbon dioxide. 3. Differentiate between arteries, veins and capillaries. 4.Explain the process of transportation in plants.	Measuring the blood pressure using sphygmomanometer Discussion- 50% Indian women are anaemic: Why does it persist after 78 years of freedom?	
Social Science History	<u>Nationalism in Europe</u> <u>Contd</u> German Unification	Identify the Italian revolutionary who played a major role in Italy's unification * List the symbols of the New Britain	Flipped Classroom technique • Pictionary • Listing of key phrases Question answer-AMP box • small group Discussions • Cooperative Learning	Worksheet

	<p>Italian Unification Strange case of Britain Balkan crisis Allegory</p> <p><u>National Movement in India</u></p> <p>The First World War, Khilafat & Non-Cooperation Differing strands within the movement- in towns, countryside & plantations Towards Civil Disobedience – the participants & limits of the movement The sense of collective belonging</p>	<p>*Give reasons for the uprising of Silesian weavers *Define the term allegory * Analyse the unification of Germany *Explain the unification of Italy</p> <p>Mention the factors (four) that helped in the rise of Indian Nationalism</p> <p>* List the methods of the early nationalists</p> <p>* Identify the various mass movements and tell their characteristics</p> <p>* Explain the term Dandi March</p> <p>* Examine the role played by Muslim League</p>	<p>Students will be given relevant portions from the graphic novel in the Diksha portal to read YouTube video links will be provided guidelines will be given on how to approach the different subtopics In Class Activities Concept Mapping</p> <ul style="list-style-type: none"> ▪ Group discussion ▪ Worksheet 	<p>Quiz Oral Questioning Worksheet</p>
Economics	---	---	---	---
Political Science	<p>Power Sharing Accommodation in Belgium Majoritarianism in Sri Lanka Why is Power Sharing desirable Forms of Powersharing</p>	<p>At the end of the lesson students will be able to Locate Belgium and Sri Lanka in the Atlas Compare the composition of the population of Belgium and Sri Lanka Define Accommodation Discuss the model of power sharing in Belgium</p>	<p>Case study Method Flipped classroom technique Cartoon Interpretation Keyword Method Concept Maps Art Integration</p>	<p>Worksheet Oral Questioning</p>


	<p>Federalism *Unitary form of Government Features of federalism) * What makes India a federal country? - constitution Centralised Federation Federalism at work Decentralisation</p>	<p>define Majoritarianism Discuss the majoritarian measures taken by the Sinhalese govt in Sri Lanka Mention the various forms of power sharing in modern democracy Give reasons why power sharing is desirable</p> <p>Explain the term federalism * List key features of federalism * Identify and shade three federal countries (other than India) on a blank outline map of world * Differentiate between a federal and unitary government. *Compare and contrast India and Belgium in the context of federalism *Explain the need for reorganization of states on a linguistic basis</p> <p>*Analyse the language policy of India. *Analyse the three phases of Centre state relations in India *Define decentralization *Explain the need for decentralization</p>	<p>Buzz group discussion Role Play Flipped class technique Peer Questioning Concept maps</p>	<p>Worksheet Oral Questioning</p>
<p>Geography</p>	<p>Chapter - 2</p> <p>Agriculture - Introduction - Types of farming - Cropping pattern - Major crops -Rice</p>	<p>Define the term agriculture - Appreciate agriculture and India being and India being an agricultural land - Identify different farming method - list chief characteristics</p>	<p>Learn new vocabulary – spices, condiments, cereals , cash crops ,</p> <p>Why are farmers committing suicide in several states of the country</p> <p>Find out why an Indian farmer does not want</p>	

	<p>-Wheat - Millets -Maize -Pulses -Food crops other than Grains -Sugarcane - oilseeds- -tea -coffee -horticulture crops. -Fibre crops Rubber ,cotton ,jute</p> <p>- Technological and Institutional Reforms. -Problems of Indian Agriculture -Impact of globalisation</p>	<p>- Identify different farming method - plantation farming list chief characteristics -Identify three cropping seasons of India -Differentiate between the three by highlighting their features –sowing period , harvesting period , name of the crop Outline basic characteristics, production, and distribution of different types of crops. Examine technological and institutional reforms Before and after independence Discuss the importance of Agriculture in Indian Economy Highlight the problem of Indian Agriculture Examine the impact of globalization on Indian agl</p>	<p>his son to become a farmer Why is land under agl decreasing? Can we think of alternative employment opportunities in the agl sector</p> <p>CBSE Class 10 Geography - 4 __ Agriculture __ Full Chapter __ By Shiksha House.mp4</p> <p>Prepare and collect information regarding different crops in a table format</p>	<p>Worksheet Assignment Mcqs Google form</p>
Sanskrit	<p>मई – बहुव्रीहि समासः बुद्धिर्बलवती सदा कथा पठन-सरलार्थ-स्थितिपरक कार्य</p> <p>रचनात्मकं कार्यम्- पत्रपूर्तिः, संस्कृतानुवादः, चित्रवर्णनम्</p>	<p>समास प्रकरण बता पाएगा। · समास को पहचान पाएगा, · सामासिक शब्दों का प्रयोग काव्य अथवा लेख इत्यादि कला में कर पाएगा। · समास विग्रह कर पाएगा। · समास को कला के माध्यम से दर्शा सकेगा। (योग्यता आधारित अधिगम)</p>	<p>व्यावहारिक ज्ञान अव्ययों के अर्थ खोजना, अव्ययों का प्रयोग करते हुए अपने साथ घटित कोई घटना लिखना। यथा – अहं तत्र गच्छामि यत्र जनाः न सन्ति। सहसा मम समीपे नूनं एकः सिंहः आगच्छत्। अव्ययपदों से रिक्तस्थान पूर्ति करना। संस्कृत समय फलक(बोर्ड) क्रीडा निर्माण</p> <p>अभ्यासकार्य पत्र द्वारा रचनात्मककार्य</p>	<p>परापराधिगम - गूगल स्लाइड्स, गूगल प्रपत्र, संकल्पनीय चित्र वर्गीकरण, कथा रचना के माध्यम से मूल्यांकन।</p> <p>लिखित रचनात्मक कार्य के माध्यम से मूल्यांकन</p>

	<p>श्रवण-वाचन मूल्यांकन</p>	<ul style="list-style-type: none"> कथानक आधारित प्रश्नों के उत्तर दे सकेगा, कथा का केन्द्रियबिन्दु लिख सकेगा, कथा को घटनाक्रमानुसार लिख सकेगा। कथानकसंबंधी पात्रों का चरित्रवर्णन कर सकेगा। <hr/> <ul style="list-style-type: none"> पत्र के रिक्तस्थानों में उचित शब्द की पूर्ति कर सकेगा, * हिन्दी वाक्यों का संस्कृत विभक्ति चिह्नों सहित संस्कृत अनुवाद कर सकेगा, * चित्राधारित संस्कृत वाक्यरचना कर सकेगा। <hr/> <p>श्रवण के आधार पर पूछे गए प्रश्नों के उत्तर दे सकेगा। संस्कृत वाचन कर सकेगा।</p>	<p>व्यावाहारिक ज्ञान</p> <ul style="list-style-type: none"> * प्रश्नकोष का निर्माण करना * सामूहिक प्रस्तुतिकरण * सामूहिक चर्चा करना * कथा पठन, सरलार्थ, प्रश्नोत्तरादि अभ्यास करना। <p>अनुभवीय अधिगम – “बुद्धि सर्वे सर्वा” कूट वाक्य आधारित प्रस्तुतिकरण स्थितिपरक प्रश्न - यदि आपके समक्ष कथानक में प्रस्तुत ऐसी कोई समस्या आ जाए तो आप क्या करेंगे?</p>	<p>सामूहिक गतिविधि कथा का परिवर्तित रूपांतरण प्रस्तुत करना, वैन डायग्राम – जज्ञा (के डब्ल्यू एल चार्ट) के माध्यम से व गूगलालेख , स्थितिपरक प्रश्न के तथा कथानकीय प्रश्नों के उत्तर, कूटवाक्याधारित प्रस्तुतिकरण केतथा कक्षा परीक्षा द्वारा द्वारा मूल्यांकन किया जाएगा।</p>
<p>French</p>	<p>Le plaisir de lire</p> <ul style="list-style-type: none"> Le plus-que –parfait Le Bibliothèque Le Petit Prince Les rubriques d’un journal Le Renard et les Raisins Panchatantra Story writing 	<p>Each student will be able to –</p> <ul style="list-style-type: none"> Write the verbs in plusque parfait tense and use the tense in story writing. Subscribe to a library and borrow books from there. Convert the Panchatantra stories into French in their own words. 	<p>G.K Activity : University of Sorbonne CROUS & CNOUS</p> <p>Value Education: Activity on values of education.</p> <p>Board Game : Category Game – Students will list all the things of a particular topic given to them.</p> <p>Gender Sensitivity : A debate on gender in the workplace.</p>	<p>Audio Comprehension : Les trois petits cochons (Assessment of Listening Skill)</p> <p>Class Test – Leçons 3 & 4 Periodic Test: 27.05.2023 (35 marks)</p>

Computer Application	HTML Forms: • Textbox, radio buttons, checkbox, password, list, combobox.	Each student will be able to create a form using HTML commands.	Create a feedback form for the web pages created on Nelson Mandela	<ul style="list-style-type: none"> · Worksheet · Google form · HTML Output · Webpage · Quiz

JULY

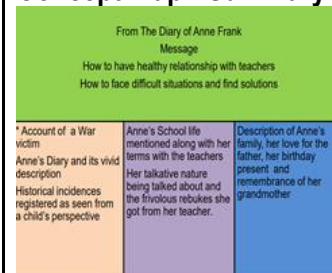
English	<p>FIRST FLIGHT Poem *How to Tell Wild Animals ~ Carolyn Wells</p>	<p>Each student will be able to</p> <ul style="list-style-type: none"> -research on various animals and their habits; share the same in the class -Identify the rhyme scheme -Identify at least two Poetic devices -State evidences of the use of humour by the poet -State the central idea of the poem -write a poem of their own choosing a topic of their choice eg How to tell different forms of government/different equations/ different elements stating the properties of each. - use at least one simile / metaphor, alliteration, a rhyme scheme / rhyming words / humour 	<p>Think -Share: Specific behavior/ features of a few animals</p>  <p>Gond folk art Art integration activity - Weave a story based on the above painting</p> <p>Inter disciplinary . Write a short poem on how to differentiate</p> <ul style="list-style-type: none"> *different landforms/ soils (geog) *forms of government (history) *different elements (chemistry) *different equations (math) <p>Or any other. Students choose any</p> <p>Flip Material - Power point based on the extract</p> <p>Discussion/ Debate: -Wars never bring peace</p>	<p>*Worksheet on google doc Assignment questions on google doc Textbook Questions Practice Worksheet</p> <p>Assignment Worksheet</p>
	FIRST FLIGHT	<p>Each student will be able to Do they keep or have kept a diary?</p>		

From the Diary of Anne Frank
~ Anne Frank

When did they seem to write in it?
Was there a pattern? Would they want other people to read their diary?
Why or why not?
-Flow Chart
-Characterization
Diary Writing:
-find out the meaning of difficult words using a dictionary
-debate on the given topic and put forth their viewpoint confidently
-analyse the character traits of Anne Frank and Mr. Keesing

-A real friend vs a diary
Webchart: Character- sketches
Role Play with a family member: :
Dialogue between Anne Frank and Mr. Keesing

Concept map - Summary



Discussion -

Why does Anne want to keep a diary?
Why does Anne think she could confide more in her diary than in people?
What tells that Anne loved her grandmother?
What does Anne tell about her father?
How do you know that Anne was a lonely child?

Think--Share: Themes of the poem
Brainstorming: Literal and metaphorical meaning of the poem

independent Practice:

Imagine you are Amanda. Write a diary entry expressing your feelings about

Practice questions on Diksha
https://diksha.gov.in/cbse/play/content/do_31309487703737139212076?contentType=PracticeQuestionSet

Textbook Questions

Oral Comprehension check

FIRST FLIGHT- Poem
The Ball Poem
~ John Berryman

Each student will be able to
-explain the meaning of difficult words and phrases
-summarize the poem in their own words
-identify the use of poetic devices in the poem
-discuss the themes of the poem

FIRST FLIGHT Poem
Amanda! ~ Robin Klein

Each student will be able to
-recite the poem in pairs (alternate stanzas)
-discuss the themes of the poem
-analyse the character traits of Amanda

Textbook Questions

Worksheet on google doc

Assignment
Worksheet

Textbook Questions

Oral tests
Written tests

	<p>FOOTPRINTS WITHOUT FEET Footprints Without Feet ~ <i>H.G.Wells</i></p>	<p>-narrate/ write the story of Rapunzel in brief. -share their childhood fantasies -summarize the poem in their own words/ write in brief the central idea of the poem. - identify the two parallel tracks in the poem and its significance</p> <p>Each student will be able to Research on the novel by HG Wells : “The Invisible Man” List the pros and cons of being invisible Answer factual, inferential, extrapolative and reference to context questions Research on why “Drury Lane” is called as the centre of the theatre world. State the relevance of abiding by the law Sequence The incidents in the story Analyse whether any invention/ discovery should be used for the benefit of the society Sequence the incidents from Griffin’s life in chronological order .Evaluate the qualities of Griffin and Mrs Hall to write a character sketch organize their thoughts to speak on the topic, ‘To be invisible is to be free’ Create a short narrative story in collaboration</p>	<p>the nagging you get from your mother/father and how you escape from it</p> <p>Class Discussion: Have you seen a movie/ read a novel where the character was invisible? What would you do if you become invisible for a day Flip Material- Trailer of the movie The Invisible Man https://www.youtube.com/watch?v=5PPSI8cbIHU Flow chart Create a timeline Post content - Story writing - Ques-Well, Muggles, science has some good news for you: Invisibility cloaks are a reality. The technology is far from perfect, but if you'll step into our high-tech boutique of vanishing apparel, we'll guide you through your invisibility cloak options.Using the given hints, create a story in up to 120 words. discussion: Misuse of a scientific discovery can play havoc with humanity</p> <p>Discussion: Fairy tales and their effect on young children/story of Rapunzel Explanation of difficult words and phrases</p> <p>Discussion: Misuse of a scientific discovery can play havoc with humanity</p>	<p>Classroom discussions based on textual topics.. Notebook evaluation Practice Worksheet</p> <p>Assignment Worksheet</p> <p>Textbook Questions</p> <p>Worksheet on google doc</p> <p>Practice Worksheet</p> <p>Assignment Worksheet</p> <p>Textbook Questions</p> <p>Worksheet on google doc</p>
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	<p>Writing Skills Letter placing an order</p>	<p>-find out the meaning of difficult words using a dictionary -comment on the humour in the story</p> <p>Each child will be able to *classify the different kinds of orders into different categories eg. for school purposes, for personal needs, for an organisation *make a list of value points to use in each category *compare and contrast the value points of the different categories *propose a few value points which should not be used in the letter *create a framework by sequencing the value points in order, such that the content of the letter gets a logical flow and a sense of completion *Use the acquired knowledge to write a letter to place an order for sports equipment for the sports room *Work in groups to peer edit * Write five top tips for a model letter</p>	<p>Griffin made a potentially very significant discovery which, if put to right use, would have helped millions. Mention the various ways in which he could have used it for the benefit of the society</p> <p>Making a graphic organiser on parts of the content and format</p>	
<p>Math</p>	<p>Quadratic equations Standard form of a quadratic equation $ax^2 + bx + c = 0$, ($a \neq 0$).</p> <p>Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula.</p>	<p>Each child will be able to</p> <ul style="list-style-type: none"> ● identify and learn the basic form of a quadratic equation ● correctly compute discriminant ● use the discriminant to find the nature of roots ● solve quadratic equation by 	<p>Hook activity : Identify the quadratic polynomials. Quadratic equations in daily life</p> <p>https://sciencing.com/everyday-examples-situations-apply-quadratic-equations-10200.html</p> <p>Art integration activity:</p>	<p>Oral response Written response Cross checking of answers and subsequent analysis</p>

Relationship between discriminant and nature of roots.

Situational problems based on quadratic equations related to day to day activities to be incorporated.

APPLICATION TO TRIGONOMETRY HEIGHTS AND DISTANCES:

Angle of elevation, Angle of Depression. Simple problems on heights and distances. Problems not involving more than two right triangles. (Angles of elevation / depression to be only 30° , 45° , and 60°).

STATISTICS

Mean, median and mode of grouped data

factorization

- solve statement questions by framing quadratic equation
- formulate a strategy to solve it.

- Draw suitable figures to show angle of depression and angle of elevation.
- list the quantities given.
- formulate suitable strategy for the given statement question.
- Draw figures for the given situation.
- solve for the unknown quantity.

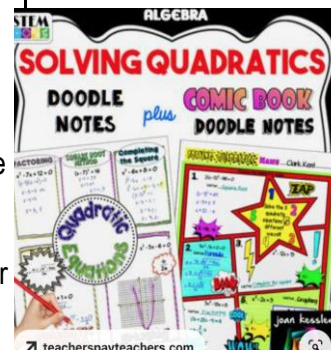
Each child will be able to

- recall terms, concepts, symbols, formulae etc
- know the different methods of finding mean of a grouped data
- apply the correct formula to solve problems to find mode
- know the meaning of cumulative frequency and

Write the quadratic formula and other facts related to quadratic equations using doodle art form / comic strip to design a wall plate or a mug.

Questions from sample papers, Ncert and Ncert exemplar, sample papers

Skill practice:
Worksheets



Applications to trigonometry
https://diksha.gov.in/play/collection/do_132294648256675841275?contentType=TextBook

Angle of elevation and depression (video)
https://www.youtube.com/watch?v=bmU40g_mlwc

Angle of elevation and depression (written with pics)
<https://www.cuemath.com/trigonometry/angle-of-depression/>

Questions from sample papers, Ncert and Ncert exemplar, sample papers

Assignments
Class work / Home work.

Class Test
important questions from previous 5 year question papers and sample questions.

Periodic Test

apply the formula to find the median.

- apply empirical formula to find mean, median or mode .

Skill practice:

[Worksheets](#)

Relating statistics to real life situations:

<https://www.youtube.com/watch?v=EQm2UjxpDN8>

Mind map for 3 methods for finding mean.

Formula practice :

After finding the median class, we use the following formula for calculating the median.

$$\text{Median} = l + \left(\frac{\frac{n}{2} - cf}{f} \right) \times h,$$

where

- l = lower limit of median class,
- n = number of observations,
- cf = cumulative frequency of class preceding the median class,
- f = frequency of median class,
- h = class size (assuming class size to be equal).

In a grouped frequency distribution, it is not possible to determine the mode by looking at the frequencies. Here, we can only locate a class with the maximum frequency, called the **modal class**. The mode is a value inside the modal class, and is given by the formula:

$$\text{Mode} = l + \left(\frac{f_1 - f_0}{2f_1 - f_0 - f_2} \right) \times h$$

where

- l = lower limit of the modal class,
- h = size of the class interval (assuming all class sizes to be equal),
- f_1 = frequency of the modal class,
- f_0 = frequency of the class preceding the modal class,
- f_2 = frequency of the class succeeding the modal class.


[Questions from sample papers, Ncert and Ncert exemplar, sample papers](#)

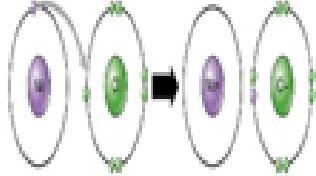
Skill practice:

[Worksheets](#)

<p>Hindi</p>	<p>संचयन</p> <p>सपनों के से दिन</p> <p>प्रकरण- विषय संवर्धन गतिविधि</p> <p>व्याकरण –</p> <p>पदबंध</p> <p>लेखन –</p> <p>ई मेल लेखन</p> <p>लेख –</p> <p>हरिहर काका</p> <p>संचयन-</p> <p>कविता- तोप</p> <p>काव्य खंड</p> <p>तीसरी कसम के शिल्प कार शैलेन्द्र</p>	<p>प्रत्येक छात्र -</p> <p>1- पदबंध से परिचित हो उस पर आधारित कार्यपत्र पूर्ण कर जाएगा </p> <p>सपनों के से दिन</p> <p>2- विषय संवर्धन गतिविधि के अंतर्गत कराई जा रही गतिविधि में भाग ले जाएगा </p> <p>3- कार्टून स्ट्रिप के अंतर्गत कहानी में अपने बचपन की घटना जोड़ते हुए कहानी का भिन्न अंत कर जाएगा </p> <p>4-दिए गए प्रश्नों के उत्तर लिख जाएगा </p> <p>5-2-3 मूल्यपरक प्रश्नों का निर्माण कर जाएगा</p> <p>6-संबंधित विषय पर 60-70 शब्दों में लेख लिख जाएगा </p> <p>7-केस स्टडी पर आधारित कम-से-कम 2-3 प्रश्न बना जाएगा </p> <p>8-लगभग 120 शब्दों में ई मेल लेखन कर जाएगा </p> <p>हरिहर काका</p>	<p>1- कहानी-सपनों के से दिन में से पदबंध से जुड़े वाक्य ढूंढना</p> <p>2-मूल्यपरक प्रश्नों पर छात्रों के सशक्त विचार मौखिक व लिखित रूप में </p> <p>3-पदबंध से संबंधित कार्य पत्र पूर्ण करना</p> <p>4-दिए गए विषय पर लघुकथा लेखन</p> <p>5-संबंधित विषय पर लेख 6-शिक्षा प्रणाली में हो रहे</p> <p>बदलावों को प्रदर्शित करता चक्र निर्माण।</p> <p>अंतर्विषयक संबद्धता</p> <p>द्वितीय विश्व युद्ध के विषय में जानकारी एकत्रित कर अन्य छात्रों के साथ बांटना </p> <p>(इतिहास)</p> <p>कार्टून स्ट्रिप में अपने बचपन की कोई एक घटना जोड़ते हुए कहानी का भिन्न अंत कार्टून स्ट्रिप की सहायता से दर्शाए, जिसकी भाषा मुहावरेदार हो ,उन मुहावरों को रेखांकित भी कीजिए </p> <p>द्वितीय विश्व युद्ध के विषय में जानकारी एकत्रित कर अन्य छात्रों के साथ बांटना </p>	<p>लिखित तथा मौखिक कार्य के माध्यम से </p> <p>कार्यपत्र के द्वारा</p> <p>दीक्षा पोर्टल पर उपलब्ध कहानी के भिन्न अंत द्वारा</p> <p>लघुकथा के माध्यम से </p> <p>वाचन कौशल मूल्यांकन द्वारा</p> <p>तोप</p> <p>लिखित तथा मौखिक प्रश्नोत्तर के माध्यम से-</p> <p>संक्षिप्त प्रश्न, विस्तृत प्रश्न, आशय स्पष्टीकरण, रचनात्मक कार्य</p>
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		<p>15-तत्कालीन तथा वर्तमान फिल्मों के विषय में अंतर कर पाएगा।</p> <p>16-संबंधित लिखित कार्य कर पाएगा।</p>		
<p>Science</p> <p>Physics</p>	<p>Chapter 12 Current and electricity Electric current and circuit Electric potential and potential difference Numericals Circuit diagram Symbols of components Ohm's Law Practical: · Verification of Ohm's law</p>	<p>Each learner will be able to Define electric potential and potential difference</p> <ul style="list-style-type: none"> · Solve a given numerical on potential difference. · Draw a required circuit diagram. · State Ohm's law · Solve a given numerical on Ohm's Law. <p>Plot V-I graph and find the resistance of the conductor.</p>	<p>Experiential learning: Electric Banana Test</p> 	<p>Diksha Assessment</p> <p>Module: https://diksha.gov.in/play/content/do_31260171885806387223330</p> <p>Assignment Sheet worksheet</p>
<p>Chemistry</p>	<p>Preparation and uses of salts. -</p> <p>METALS AND NON METALS Physical properties of metals and non-metals (activity)</p>	<ul style="list-style-type: none"> •Describe the formation of rock salt. •Define chlor alkali process. •Explain the preparation and state the uses of different salts •List its applications in daily life situations. <ul style="list-style-type: none"> •Cite reasons for metals to behave as good conductors of electricity and heat •Define malleability and ductility <p>Write equations for the different</p>	<p>Virtual tour of Salt mine https://www.youtube.com/watch?v=tjbOuxzSWEQ</p> <p>Art integration activity. Collage on the uses of different salts</p> <p>Making of articles from metals to depict physical properties. Art integration. Discussing the type of artillery and the</p>	<p>Assignment Worksheet</p> <p>Assignment</p>

	<p>Chemical properties of metals and non-metals (2) (air ,water, acids & salt solutions)</p> <p>Reaction of a metal with a non-metal---- ionic compounds</p> <p>PRACTICALS</p> <p>Properties Of Acids And Bases</p>	<p>reactions.</p> <ul style="list-style-type: none"> •Distinguish metals from non-metals based on their chemical properties <ul style="list-style-type: none"> •Draw Lewis structures for species which obey the so-called octet rule •Draw structures of ionic compounds by electron dot method 	<p>use of metals by the soldiers during any war.</p> <p>Reactions - in lab activities</p>  <p>Practicals</p> <p>Types of reactions – hands on</p> <p>In lab activities</p>	<p>Live worksheet</p> <p>https://www.liveworksheets.com/mg570784cx</p> <p>https://diksha.gov.in/resources/play/content/do_3128996088512593921235 (quiz)</p> <p>https://amrita.olabs.edu.in/?sub=73&brc h=3&sim=79&cnt=1 MCQ</p>
<p>Biology</p>	<p>Life processes</p> <p>Transportation cont...</p> <p>Control and coordination</p> <p>Coordination in animals Nervous system</p> <p>Reflex action</p>	<p>Each student will be able to</p> <ol style="list-style-type: none"> 1. Draw a well labelled diagram of the human excretory system. 2. Explain the structure of nephron. <ol style="list-style-type: none"> 1 .Draw a well labelled diagram of a neuron and explain its structure. 2. Explain the process of reflex action. 2 .Explain the structure and functions of the parts of brain 	<p>Discussion- Kidney transplant and organ donation</p> <p>Activity- reflex action</p>	<p>Worksheet</p> <p>Google form</p> <p>Oral quiz</p> <p>Worksheet</p> <p>Google forms</p> <p>Class test</p>

	<p>Human brain</p> <p>How are tissues protected?</p> <p>How does the Nervous Tissue cause action?</p>	<p>3.List the endocrine glands present in human beings and state their functions.</p>		<p>Oral quiz</p> <p>Worksheet</p> <p>Google forms</p> <p>Class test</p>
<p>Social Science</p> <p>History</p>	<p>The Age of Industrialisation</p> <ul style="list-style-type: none"> · Before the Industrial Revolution · Hand Labour and Steam Power · Industrialization in the Colonies · Factories Come Up · The Peculiarities of Industrial Growth · Market for Goods 	<p><u>At the end of the lesson students will be able to:</u></p> <ul style="list-style-type: none"> · Familiarize with the Pro- to Industrial phase and Early – factory system. · Familiarize with the process of industrialization and its impact on labour class. · Enable them to understand industrialization in the colonies with reference to Textile industries. 	<ul style="list-style-type: none"> • Flipped Classroom technique • Pictionary • Listing of key phrases • Question answer-AMP box • small group Discussions • Cooperative Learning 	<p>Quiz</p> <p>Oral Questioning</p> <p>Worksheet</p>
<p>Geography</p>	<p>CHAPTER _ 2</p> <p>FOREST AND WILDLIFE RESOURCES</p> <ul style="list-style-type: none"> - Conservation of Forest and Wildlife in India 	<p>Develop concern towards depletion of flora and fauna</p> <p>Classify the types of forests.</p>	<ul style="list-style-type: none"> • Flipped Classroom technique • Question answer-AMP box <p>Videos</p> <p>presentation</p>	<p>Worksheet</p> <ul style="list-style-type: none"> · Google form <p>Assignment questions</p>

	<p>- Types and distribution of Forest and wildlife resources.</p> <p>Community and conservation</p> <p>CHAPTER-3</p> <p>WATER RESOURCE.</p> <p>Water scarcity and the need for water conservation and management</p> <p>Multi-purpose river projects and integrated water resources management.</p> <p>-Rainwater harvesting</p> <p>Traditional and modern approach</p> <p>Rainwater harvesting in semi arid region of Rajasthan</p> <p>Rain water harvesting in Wn Rajasthan, Mysore in Karnataka.</p> <p>Case study – Bamboo irrigation system</p>	<p>Discuss the role of community in the conservation process.</p> <p>To understand the importance of water as resource as well as develop awareness towards its judicious use and conservation</p> <p>-define the term dam. -realize their use. -outline their characteristics. - Understand the causes of failure of large dams Compare advantages and disadvantages</p> <p>Establish the fact that water harvesting was a viable alternative. Recognize the existence of extra ordinary tradition of water harvesting system. Describe modern adaptation of traditional rainwater harvesting methods. Discuss how rain water harvesting in semi arid region is carried out. Find out existing r.w.h.s existed in shillong ,western Rajasthan and in Mysore (Karnataka)</p>	<ul style="list-style-type: none"> • Cooperative Learning • Flipped Classroom technique • Question answer-AMP box <p>Videos</p> <p>presentation</p> <ul style="list-style-type: none"> • Cooperative Learning <p>SIGNBOARD</p> <p>TO KEEP NEARBY WATER BODIES CLEAN AND UNPOLLUTED</p>	<p>Worksheet</p> <ul style="list-style-type: none"> · Google form <p>Assignment questions</p>
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Political Science	Gender, Religion & Caste · Gender and Politics - Public/Private division, Women's political representation · Religion, Communalism and Politics – Communalism, Secular State · Caste and Politics - Caste inequalities, Caste in politics, Politics in caste	<ul style="list-style-type: none"> ● List three kinds of social differences. ● Explain the term feminist ● Explain the term Patriarchy ● List ways in which women face discrimination & Oppression 	Collaborative learning based on presentation Three sentence summary Think and share why there is gender discrimination.	Quiz Oral Questioning Worksheet Focused listing
Economics	Sectors of the Indian Economy · Sectors of Economic Activities · Comparing the three sectors · Primary, Secondary and Tertiary Sectors in India · Division of sectors as organized and unorganized	<ul style="list-style-type: none"> ● Define terms like. GDP, Primary, Secondary, Tertiary activities ● Identify two activities each in primary, secondary and tertiary sectors ● * Relate the independence of the three sectors ● * Distinguish between each sector and its importance to the development of the country ● * Analyze the concept of employment ● * Differentiate between private and public sectors 	Picture study Question framing Mind Map Identification of key phrases	Assignment and Worksheet Oral questioning AMP Box
Sanskrit	व्याकरणम्- → प्रत्ययाः - मत्तुप्, ठक्, त्व, तल् , स्त्री प्रत्यय - टाप्, डीप् → शिशुलालनम्	प्रत्यय का परिचय बता सकेगा। 9-10 शब्दों में प्रकृति प्रत्यय विभाग व संयोग कर सकेगा। प्रत्यय का मनोनक्शा बना सकेगा। प्रत्यययुक्त 5-6 वाक्यों का प्रयोग कर सकेगा।	कलासमन्वित कार्य - प्रत्ययों को रंगोली में दर्शाना- प्रत्यय संबंधी मनोनक्शा निर्माण प्रकृति प्रत्यय विभाग व संयोग-अभ्यास वाक्यों में प्रयोग, कथानकीय समास अन्वेषण गतिविधि जननी तुल्यवत्सला - जननी संबंधी गतिविधि	व्याकरणिक लिखित व मौखिक कार्य, प्रश्नों के उत्तर तथा भित्तिपत्र, प्रस्तुतीकरण, प्रश्ननिर्माण, अभ्यासकार्यपत्र, प्रश्ननिर्माण द्वारा



→ जननी तुल्य वत्सला-
स्नेह, ममता आदि अवधारणा

कथा आधारित 5-6 प्रश्नों के उत्तर दे सकेगा।
कथानक का घटनाक्रम लिख सकेगा।
स्वरचित कम से कम ३-४ प्रश्नों के उत्तर सुना सकेगा।
नाट्यांश व कथानकाधारित पृष्ठ प्रश्नों के उत्तर दे पाएगा।
कम से कम ८ वाक्यों में घटनाक्रम लिख पाएगा।
कठिन शब्दों के अर्थ, पर्याय विपर्यय बताएगा,
कथा आधारित प्रश्नों के उत्तर देगा,
मनोनक्शे (माइन्ड मैप) के माध्यम से नाट्यांश के पात्रों, स्थल, घटना तथा शिक्षाप्राप्ति के विषय में लिखेगा।

प्रवाहसंचित्र(Graphic Organizer) द्वारा कथानक का सार, मनोनक्शा(Mind Map) बनाना
गूगल प्रपत्र गतिविधि।
युग्म सहभागिता
व सामूहिक चिन्तन शिक्षणपद्धति
एस.डब्ल्यू.क्यू (start with question)
कथानक का पठन, सरलार्थ, प्रश्नोत्तर आदि करवाना।
कलासमन्वित कार्य- वाचनाभिव्यक्ति:
मित्रता, विश्वास तथा निष्ठा, राजनीति चन्द्रगुप्त व चाणक्य के विषय में त्वरित वाचन गतिविधि। (राजनीति विज्ञान)
आधुनिक काल में समाज, शिक्षा तथा आजीविका में बच्चों की क्या भूमिका है?(सामाजिक विज्ञान) चर्चा-विचार आदान प्रदान इत्यादि।

प्रश्नों के उत्तरलेखन द्वारा
कथानक के प्रवाहसंचित्र द्वारा
*सामूहिक गतिविधि के माध्यम से, गूगललेख, गूगलप्रपत्र द्वारा मूल्यांकित किया जाएगा।

French

Les Médias

- Les Journaux et les Magazines
- Les chaînes de la Télé et la radio
- L'Impératif
- Pronoms Y et EN
- La Négation

Chacun Ses Goûts

- Each student will be able to –
- Name the various columns in french newspapers and magazines.
 - Enumerate the various radio and TV channels in France.
 - Replace the underlined nouns with the appropriate pronoms personnels in sentences.
 - Change a sentence into its negative form using the appropriate negation words.

Each student will be able to-

Assessment Based Activity :

Comprehension Écrite – Les Médias

Experiential Learning based Activity:

Watch TV 5 and write a review of any one of their programmes. Also make a list of the programmes for a week.

Video comprehension – Tintin

(Listening Skill)

Experiential Learning based Activity :

Watch the movis Tintin and Home Alone in french and write their reviews.

1. Il y aura une très bonne émission de comédie ce soir à la télé. Invitez votre ami la voir chez vous.

2. Nommez une revue française.

3. Conjuguez les verbes aux temps convenables.

Assessment Based Activity :

	<ul style="list-style-type: none"> · Les romans et les bandes dessinées. · Les musées et les théâtres · Les films - Revue d'un film · Les pronoms démonstratifs · Les Proverbes et les expressions · Les forms verbales et nominales 	<p>Enumerate the various french authors and their their books</p> <p>Design and create french comic strips based on the Panchatantra. .</p> <p>Discuss various hobbies in France- museums, theatres, etc.</p>	<p>Learning Based Activity : Compréhension Écrite - Le Louvre</p>	<p>Class Test – lessons 5 & 6</p> <p>Revision worksheet – Grammaire.</p> <p>Questions :</p> <ol style="list-style-type: none"> 1. Qu'est-ce que c'est 'La Carte coupe-file'? 2. Écrivez une lettre en racontant un film indien que vous avez vu. 3. Complétez avec les adjectifs ou pronoms démonstratifs selon le sens. 4. Quels sont les tâches ménagères que vous faites chez vous ? 5. Quels sont les genres de films que tu préfères ? 6. Que savez-vous du théâtre de Paris ? <p>Assessment Based Activity : Class Test – lessons 7 & 8</p>
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<p>Computer Application</p>	<p>Unit 3: Cyber ethics July</p> <ul style="list-style-type: none"> • Netiquettes. • Software licenses and the open source software movement. • Intellectual property rights, plagiarism and digital property rights. • Freedom of information and the digital divide. • E-commerce: Privacy, fraud, secure data transmission. 	<p>Each student will be able to understand Cyber Ethics, IPR, Freedom of Information</p>	<ul style="list-style-type: none"> · Research the meaning of Netiquettes · Explore any 10 netiquettes · Research on any 10 open source software. · Watch the presentation on Types of Software · Watch Video on IPR <p>https://www.youtube.com/watch?v=UqZJPuyK9VY&t=33s</p> <ul style="list-style-type: none"> · Watch video on different types of property rights <p>https://www.youtube.com/watch?v=HsTi3vD_Usw</p> <ul style="list-style-type: none"> · Research on any famous person who has caught due to plagiarism · Read from book the meaning of Freedom of information · Watch a video on Digital Divide <p>https://www.youtube.com/watch?v=M2rNRevynQk</p> <ul style="list-style-type: none"> · Read from book types of privacy and fraud that occur while doing online business. 	<p>Worksheet</p> <p>Google form</p> <p>Poster</p> <p>Quiz</p> <p>Period test</p>
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AUGUST				
English	FIRST FLIGHT - POEM TREES	<p>Each student will be able to</p> <ul style="list-style-type: none"> - express their views on the visual of trees growing inside a home - What could the trees trapped in a home represent? - what all could the interiors represent - list similarities in the visuals of caged birds, animals and humans to trees in a home - use the TYPCASTT to analyse the poem - identify words that indicate the physical movement of the trees. - the metaphorical meaning in trees being compared to <i>newly discharged patients</i> <p>Reflection - the conflict between humans and nature Draw a comparison of the poem with the poems read previously (A Tiger in the Zoo and On Killing a Tree)</p>	<p>Flip Material The Trees https://diksha.gov.in/cbse/play/content/d_o_313075376252215296110747?contentType=ExplanationVideo</p> <p>Art Integration activity - - The students will: create a mural raising awareness about rampant deforestation frame catchy slogans and jingles for creating awareness present their mural (to be done on A3 sheets and put up on the walls of the class) in class</p> <p>Hook Activity Express views on the visual of trees growing inside a home analyse the roles of different institutes in contributing to deforestation be it the state, industry or the society</p> <p>Discussion What will happen if we curb the freedom of -trees and plants -animals -humans</p> <p>Concept map- Poem Trees</p>	<p>Assignment Worksheet Textbook Questions Class Discussion cum Debate</p> <p>Practice Worksheet Assignment Worksheet Textbook Questions Class Discussion cum Debate</p>

**FIRST FLIGHT - MIJBUL
THE OTTER**

WRITING SKILLS -
Writing an analytical paragraph (contd)
ESSAY WRITING Writing a Persuasive Essay
Life Skill: Ostracism – the reality today
Gender Sensitivity: Teasing and bullying e essay Draft 2

Each student will be able to

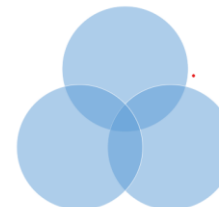
- Make a list of things needed to take good care of pets
- Research on otters and otter conservation projects-love and care for animals
- answer factual, inferential, extrapolative and reference to context questions -illustrate the qualities of the otter, Maxwell and the airhostess.arrange the important events of the story in chronological order use 'would' or 'used to' to*--form sentencesformphrases by combining nouns and modifiers
- explore appropriate language and expression associated with writing a descriptive paragraph
- discuss about Bruno in their previous class IX lesson 'The Bond of Love'
- draft a poster on the given theme 'Love All Beings'
- arrive at the meaning of new words by using a variety of strategies such as prior knowledge, inferring, predicting and confirming.
- State the theme of the passage



Role play – between the tallest oak in 'Trees' and the hemlock tree in 'Dust of Snow'

*Write this conversation between the two trees

-Compare the poems-The Trees, On Killing a Tree and A Tiger in the Zoo using the given Venn Diagram.



Explanation video - trees
https://diksha.gov.in/cbse/play/content/do_431338516112747724815324?contentType=ClassroomTeachingVideo

Hook activity.

- Do you have a pet? Imagine someone has gifted you a pet.

-GROUP ACTIVITY

Each group to do their own research on pets by interviewing family members and report their findings in class.

-What are the things required before you bring a pet home

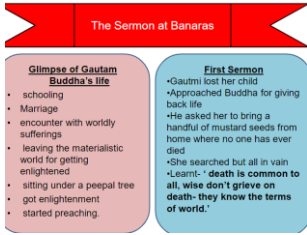
Practice Worksheet
Assignment
Worksheet
Textbook Questions
Class Discussion cum
Debate

Assignment
Worksheet
Textbook Questions
Class Discussion cum
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Practice Worksheet
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	<p>FIRST FLIGHT</p> <p>Glimpses of India I. A Baker from Goa</p> <p>II. Coorg</p> <p>III. Tea from Assam</p>	<p>Each student will be able to</p> <ul style="list-style-type: none"> - recall some interesting facts about the author - list some factors that contribute to unity in diversity - match the paragraphs with the headings - prepare a concept map on the various aspects of the passage - learn some new words connected with the passage - answer questions based on the passages - express opinions on whether the story is in the genre of a fairy tale - contribute meaningfully to a discussion on Goan culture - deduce the meanings of unfamiliar words. - successfully attempt the worksheets and the class test <p>Each student will be able</p> <ul style="list-style-type: none"> - familiarize themselves with a tourist place of India. 	<ul style="list-style-type: none"> - What does the SPCA — the Society for the Prevention of Cruelty to Animals say about how to care for a pet - What animals can we keep as pets (some species are protected under the laws for wildlife preservation) - The laws for exporting and importing or trading in animals - Rules for transporting goods, pets, etc. on aircraft. <p>Discussion-</p> <p>In the name of rules and regulations basic values are ignored but, people like the airhostess in Mijbil, the otter are a ray of hope. What virtues do we find in the airhostess ?</p> <p>Display board in class used for each group's findings</p> <p>Form small groups. Each group given a task</p> <ul style="list-style-type: none"> Group 1 research about Goa and Coorg. Select one student from each group to be a panellist for a panel discussion about the state. Group 2 Graphic organiser to summarise the text under headings. Group 3 Explanation of difficult words and phrases Group 4 Goan culture Group 5: Compose any two newspaper headlines to sum up the content of the 	<p>Practice Worksheet Assignment Worksheet Textbook Questions Class Discussion cum Debate</p>
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	<p>FIRST FLIGHT . Madam Rides the Bus</p> <p>FIRST FLIGHT The Sermon at Benares - Theme, Plot - About the life of Gautama Buddha - The story of Kisa Gotami</p>	<ul style="list-style-type: none"> - read and identify the main points of the text. - summarise the main points in the text - use new words in sentences <p>Each student will be able to</p> <ul style="list-style-type: none"> - recall some interesting facts about the author Arup Kumar Datta - list some factors that contribute to unity in diversity in the country - use the 5 's' strategy to analyse the text <p><i>sentences</i> <i>speakers</i> <i>situation</i> <i>shifts</i> <i>syntax</i></p> <ul style="list-style-type: none"> - prepare a concept map on the various aspects of the strategy on a chart paper. - deduce the meanings of unfamiliar words. - answer questions based on the passage - contribute meaningfully to a discussion on the tea plantations of Assam - evaluate other student's work through a gallery walk - successfully attempt the worksheet and the class test <p>Each student will be able to</p> <ul style="list-style-type: none"> - research and share a few points about the author - Infer the meanings of difficult words - analyse the character traits of Valli - answer textual questions 	<p>chapter you have just read.</p> <p>Visit diksha for learning resource https://diksha.gov.in/cbse/play/content/d_o_3131897789463347201257?contentType=Resource https://diksha.gov.in/cbse/play/content/d_o_431341307347440435211849?contentType=ClassroomTeachingVideo</p> <p>Art integration activity Write a brief travelogue* entry, narrating any personal impression/s about a visit to Coorg. Include your reflections about the differences between the place where you live and the place you've visited.</p> <p>Flip Material - Experiential Video https://diksha.gov.in/cbse/play/content/d_o_313075360474628096110028?contentType=ExplanationVideo</p> <p>Fishbowl Students prepare five questions based on comprehension of the passage Research on Assam and the tea growing and harvesting process.</p>	
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	<p>- Values - Q/Ans</p> <p>Revision</p> <p>Mid Term Exam</p>	<p>Each student will be able to</p> <ul style="list-style-type: none"> - speak about the life of Gautama Buddha - narrate the story of Kisa Gotami - discuss the values learnt from the lesson - frame questions from the text 	<p>Select one student f to be a panellist for a panel discussion about the state (AMP box used)</p> <p>Graphic Organiser -</p>  <p>The Sermon at Banaras</p> <p>Glimpse of Gautam Buddha's life</p> <ul style="list-style-type: none"> • schooling • Marriage • encounter with worldly sufferings • leaving the materialistic world for getting enlightened. • sitting under a peepal tree • got enlightenment • started preaching. <p>First Sermon</p> <ul style="list-style-type: none"> •Gautami lost her child •Approached Buddha for giving back life •He asked her to bring a handful of mustard seeds from home where no one has ever died •She searched but all in vain •Learned- "death is common to all, wise don't grieve on death- they know the terms of world." 	
<p>Math</p>	<p>ARITHMETIC PROGRESSIONS</p> <p>Derivation of the nth term and sum of the first n terms of A.P. and their application in solving daily life</p>	<ul style="list-style-type: none"> • understand the meaning of AP, the common difference, first term, • number of terms of an AP • develop mastery of basic algebraic skills by finding out the missing term $a_n = a + (n-1)d$ • know the formula for finding the sum of n terms of an AP • analyze the question and use the appropriate strategy for solving. • state what similar figures are • state and prove BPT and its converse • apply BPT and its converse to riders and questions • know the criteria of two triangles to be similar and apply to the questions • understand the meaning of a tangent to a circle • -be able to differentiate between tangents and secants 	<p>Flipped Learning Activity:</p> <p>Reading from textbook on introduction basic terms.</p> <p>Discussion in pairs followed by whole group discussion.</p> <p>Podcast on AP: https://anchor.fm/harsha-04thar</p> <p>Art integration:</p> <p>A musical rendition to AP</p> <p>https://www.youtube.com/watch?v=4ZQ5bTjZnAI</p> <p>Discussion about sequences and series.</p> <p>Task cards : What is an AP?</p>	<p>Oral response</p> <p>Written response</p> <p>Cross checking of answers and subsequent analysis.</p> <p>Assignments</p> <p>Class work / Home work.</p> <p>Class Test</p> <p>important questions from previous 5 year question papers and sample questions.</p> <p>Response to tasks and activities.</p>

TRIANGLES

Definitions, examples, counter examples of similar triangles.

1. (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio.

2. If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side.

3. If in two triangles, the corresponding angles are

- -acquire the knowledge that at a point on the circle ,only one tangent can be drawn and from a point outside the circle,two tangents can be drawn
- understand the concept that the radius at the point of contact is perpendicular to the tangent and that tangents drawn from an external point are equal.

Arithmetic sequence is a sequence of numbers such that the difference between the consecutive terms is constant.

Example: The sequence 5, 7, 9, 11, 13, 15, . . . is an arithmetic progression with common difference of 2

The general form of an Arithmetic Progression is $a, a + d, a + 2d, a + 3d$ and so on.

Hook Activity (relating to nature):

<https://www.slideshare.net/rachitbhall1998/maths-in-everyday-life>

(First 4 slides)

Activity: Task cards on AP (basic)

Arithmetic sequences

The difference between consecutive terms is always the same.

$a_n \rightarrow n^{\text{th}}$ term of the sequence (formula)

$a_1, a_2, a_3, a_4, \dots \rightarrow$ Sequence

$a_1 \rightarrow$ First term of the sequence

$d \rightarrow$ difference between consecutive terms

$n \rightarrow$ position number

Given an arithmetic sequence we can find the n^{th} term of the sequence:

$$a_n = a_1 + d(n - 1)$$

Virtual tour of mughal garden.

<https://www.youtube.com/watch?v=JvClebsQQw>

(Relating it to a statement question:

In a flower bed , there are 23 rose plants in the first row, 21 in the second, 19 in the third and so on .there are 5 rose plants in the last

equal, their corresponding sides are proportional and the triangles are similar.

4. If the corresponding sides of two triangles are proportional, their corresponding angles are equal and the two triangles are similar.

5. If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar.

row. How many rows are there in the flower bed?)

Questions from sample papers, Ncert and Ncert exemplar, sample papers

Skill practice:

Worksheets

Questions on AP:

<http://www.allmathtricks.com/arithmatic-progression-problems/>

Hook Activity on similar triangles:

<https://www.youtube.com/watch?v=a2jx-RMR5sU>

Difference between similarity and congruency.

Similar Triangles and Congruent Triangles

The comparison of similar triangles and congruent triangles is given below in the table.

Similar Triangles	Congruent Triangles
They are the same shape but different in size	They are the same in shape and size
Symbol is '~'	Symbol is '='
Ratio of all the corresponding sides are same	Ratio of corresponding sides are equal to a constant value

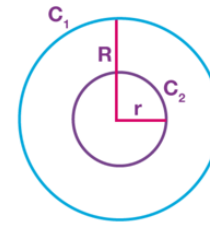
BALA: Collecting/ show similar objects from surroundings

Energizer activity: Are the two circles similar?

CIRCLES

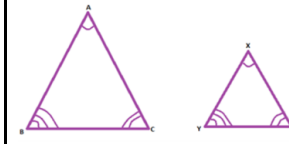
Tangent to a circle at, point of contact

1. (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact.
2. (Prove) The lengths of tangents drawn from an external point to a circle are equal.



Name some figures which are always similar.

Draw two triangles and show them to be similar



Flipped learning:

STATEMENT AND PROOF OF BASIC PROPORTIONALITY THEOREM

[https://www.examfear.com/free-video-lesson/Class-10/Maths/Triangles/part-4/Triangles_Part_4_\(Thales_theorem_Proof\).htm](https://www.examfear.com/free-video-lesson/Class-10/Maths/Triangles/part-4/Triangles_Part_4_(Thales_theorem_Proof).htm)


Converse of BPT

<https://www.youtube.com/watch?v=v a9SESPj6gE>

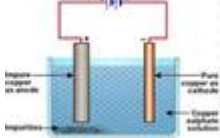

Group discussion

Art integration Activity:

Design a postcard for a friend using any

			<p>Indian textile art form (geometrical) like phulkari, worli, kasuti that uses triangles.</p> 	
Hindi	<p>अब कहाँ दूसरों के दुख में दुखी होने वाले</p> <p>स्पर्श -कर चले हम फिदा</p> <p>निडरता ,देश भक्ति, जाँबाज़ी, देशप्रेम, कुर्बानी, तारतम्यता,</p> <p>व्याकरण-</p>	<p>प्रत्येक छात्र - बढ़ती हुई आबादी का पर्यावरण पर प्रभाव तथा आस पास हो रहे बदलावों पर चर्चा कर पाएगा </p> <p>मनुष्यों में घट रही संवेदनशीलता पर अपने विचार व्यक्त कर पाएगा </p> <p>पाठ में वर्णित तीनों कहानियों में से किसी एक कहानी के 1-2 अंश सूना पाएगा </p> <p>पाठ से संबंधित लिखित तथा मौखिक प्रश्नों के उत्तर दे पाएगा </p>	<p>अब कहाँ दूसरों के दुख में दुखी होने वाले- ग्लोबल वार्मिंग के विभिन्न कारणों को सूचीबद्ध करना, 'नेचर की सहनशक्ति की एक सीमा होती है' पंक्ति की व्याख्या कला समावेशन</p> <p>अब कहाँ दूसरों के दुःख से दुखी होने वाले -पाठ के किसी भी भाग को सामूहिक रूप से मधुबनी कला द्वारा दर्शाकर छत्र की अपने शब्दों में सार्थक व्याख्या </p> <p>मूल्यांकन बिंदु-</p>	<p>सामयिक परीक्षा 5/8/22</p> <p>कला समावेशन</p> <p>मूल्यांकन बिंदु- कलात्मकता -1 रचनात्मकता-1 भाषा-शैली -1 प्रस्तुति -2</p> <p>कर चले हम फिदा-</p>

	<p>समास</p> <p>पुनरावृत्ति</p> <p>पतझड़ में टूटी पत्तियाँ</p> <p>आत्मचिंतन, आपसी व्यवहार प्रेम, सत्यवादिता, व्यवहारिकता।</p> <p>गिन्नी का सोना</p> <p>चेतना शक्ति, सहयोग, मानवता</p>	<p>गीत 'कर चले हम फिदा'- नवीन धुन हेतु अपने विचार समूह में रख पाएगा।</p> <p>प्रस्तुति में पद्यांश का भाव स्पष्ट कर पाएगा।</p> <p>गीत की ऐतिहासिक पृष्ठ भूमि से परिचित हो कक्षा के समक्ष बता पाएगा ।</p> <p>दिए गए पद्यांश के पीछे दिए अर्थों की सहायता से सरल शब्दों में कक्षा में सुना पाएगा।</p> <p>जापान में चाय समारोह के आयोजन के उद्देश्य के विषय में जानकर दिए गए प्रश्नों के संभावित व सटीक उत्तर दे पाएगा।</p> <p>चाय समारोह के आयोजन का प्रदर्शन कक्षा के समक्ष कर पाएगा।</p> <p>आदर्शों से संबंधित गांधी जी के विचारों से अवगत हो पाठ में निहित 'प्राॅक्टिकल आइडियलिस्ट ' के स्वरूप को व्याख्यित कर पाएगा।</p>	<p>कलात्मकता 1</p> <p>रचनात्मकता 1</p> <p>भाषा-शैली 1</p> <p>प्रस्तुति 2</p> <p>कर चले हम फ़िदा-</p> <p>गीत की नवीन धुन बनाना।</p> <p>झेन की देन-</p> <p>इतनी शाँति में चाय पीने का क्या औचित्य है।</p>	<p>गीत की नवीन धुन बनाकर।</p> <p>पद्यांशों की व्याख्या के द्वारा।</p> <p>लिखित तथा मौखिक कार्य के माध्यम से।</p> <p>लिखित एवं मौखिक प्रश्नोत्तर के माध्यम से।</p> <p>रचनात्मक</p> <p>चा-नो-यू का प्रदर्शन</p>
<p>Science</p> <p>Physics</p>	<p>Chapter 12 Current and electricity Factors on which resistance of a conductor depends</p>	<p>Each learner will be able to Define resistivity of a conductor · Derive the formula for resistors in series</p>	<p>Art Integration: Design an energy efficient home using computer graphics(programming).</p>	<p>Worksheet Assignment Diksha Assessment</p>


	<p>Resistivity of a conductor Combination of resistors Series and parallel combinations</p> <p>Heating effect of electric currents Electric power</p>	<ul style="list-style-type: none"> · Derive the formula for resistors in parallel · Calculate the equivalent resistance of resistors connected in series and in parallel <p>Explain heating effect of electric current</p> <ul style="list-style-type: none"> · Define electric power · Derive the formula for electric power · Solve a given numerical on electric power. 	<p>DIY night lamp Using Mandala ART Collaborative learning: Research on the physicist who worked on light bulb discovery and prepare a timeline. Experiential learning: Design Circuits using flour dough to verify series and parallel combination of circuits. Be a designer: Design Circuits using PhEt Interactive. Hands on Experiential learning</p> <ul style="list-style-type: none"> · Making an electromagnet. 	<p>Module: https://diksha.gov.in/play/content/do_31260171885806387223330</p>
Chemistry	<p>Occurrence of metals: definition of minerals and ores. Metallurgy Metallurgical steps Extraction of metals</p> <p>Refining of metals</p>	<p>Define minerals, ore, gangue and metallurgy. List the different steps of metal extraction. Draw circuit diagrams of electrolytic refining</p> <p>Explain refining with the help of a diagram. Draw circuit diagrams of electrolytic refining Write the ionic equations involved.</p>	<p>Model making</p>   <p>Quiz overall chapter https://diksha.gov.in/play/collection/do_312796455245733888120257?contentId=do_312795723999215616110713</p>	<p>Collection of corroded articles (PROJECT)</p> <p>Mcq questions,</p> <p>Assignment in google docs.</p> <p>Diagrammatic based questions.</p> <p>Class test</p>
Biology	Control and coordination cont...	Each student will be able to 1 . Explain	Activity- Geotropism and phototropism	Worksheet Oral Questioning

	<p>Coordination in plants</p> <p>Immediate response to stimulus</p> <p>Movement due to growth</p> <p>How do organisms reproduce?</p> <p>Do organisms create exact copies of themselves?</p> <p>The importance of variation</p> <p>Modes reproduction</p>	<p>phytohormones and their functions</p> <p>2 .Discuss tropic and nastic movement in plants.</p> <p>3 .Define Photoperiodism</p> <p>Each students will be able to</p> <p>1 . Explain the importance of reproduction and relate it to the concept of variation.</p> <p>2.List the types of asexual modes of reproduction.</p> <p>3. Explain the process of sexual reproduction in plants.</p>	<p>Activity-</p> <p>To study binary fission in amoeba and budding in yeast.</p> <p>To observe different parts of a seed (OLABS)</p> <p>Activity-1. To study spore formation on bread.</p> <p>2. To study vegetative propagation in potatoes.</p>	<p>Written assignments</p> <p>Worksheet</p> <p>Google forms</p> <p>Class test</p>
<p>Social Science</p> <p>History</p>	<p>Print, Culture & the Modern World</p> <ul style="list-style-type: none"> · The First Printed Books · Print Comes to Europe · The Print Revolution and its Impact · The Reading Mania · The Nineteenth Century · India and the World of Print · Religious Reform and Public Debates · New Forms of Publication 	<ul style="list-style-type: none"> · Identify the link between print culture and the circulation of ideas. · Familiarize with pictures, cartoons, extracts from propaganda literature and newspaper debates on important events and issues in the past. · Understand that forms of writing have a specific history, and that they reflect historical changes within society and shape the forces of change. 	<p>Buzz group discussion</p> <p>Role Play</p> <p>Flipped class technique</p> <p>Peer Questioning</p> <p>Concept maps</p>	<p>Worksheet</p> <p>Oral Questioning</p> <p>Written assignments</p> <p>Quizzing</p>

	· Print and Censorship			
Geography	<p>MINERALS AND ENERGY RESOURCES</p> <ul style="list-style-type: none"> -Definition. - Importance, - Characteristics - Classification of minerals.- - Mode of occurrence of minerals. -Distribution of minerals – Ferrous minerals Iron –ore and manganese -Distribution of non- ferrous minerals Copper, bauxite Non – metallic minerals – - Mica , Rock minerals Conservation of minerals --Conservation of resources - Energy resources - conventional resources - coal ,petroleum ,Gas ,electricity -Non- Conventional resource of energy--- --- Solar , wind , Bio gas, Tidal, Geothermal -Conservation of energy resources 	<p>Define the characteristics and importance of minerals.</p> <ul style="list-style-type: none"> - Classify the types of minerals. -describe the mode of occurrence of minerals - Discuss uneven distribution and characteristics of minerals. <p>Describe the use , importance and distribution of Iron ore , copper ,bauxite.</p> <ul style="list-style-type: none"> - explain the uses ,production and distribution of mica and rock minerals. <p>Underline the need for conservation.</p> <p>Define non – metallic minerals</p> <p>Examine the importance of mica , limestone and highlight their characteristics.</p> <p>Explain the need for their judicious utilization.</p> <p>Underline the need for conservation</p> <p>Analyze the importance of power resource.</p> <p>Differentiate bet .con and non-con resource</p> <p>Examine the formation of coal</p> <p>Classify the types of coal.</p> <p>Describe their distribution</p> <p>Explain their occurrence</p> <p>Justify their potential</p>	<ul style="list-style-type: none"> •Flipped Classroom technique •Question answer-AMP box <p>Videos</p> <p>presentation</p> <ul style="list-style-type: none"> • Cooperative Learning <p>Art Integration - TEXTiles of India - Weaves</p> <p>Concept Mapping</p> <p>Map activity</p> <p>Blended learning</p>	<p>Worksheet</p> <p>Google form - Assessment</p> <p>Assignment questions</p>

	<p>MANUFACTURING INDUSTRIES</p> <ul style="list-style-type: none">- Define manufacturing- Importance- Contribution to the national economy.- industrial location- Classification of Industries-Agro based IndustriesTextile ind,value addition- Mineral based Industries <p>-Automobile Industry - Aluminum smelting,Chemical ,fertiliser</p> <p>-Information Technology and Electronic Industry.</p>	<p>Examine the need for non-conventional source of energy Outline their mechanism Highlight their mechanism Study their distribution. Examine the need for conservation.</p> <p>-Discuss the term and importance of manufacturing industries.</p> <ul style="list-style-type: none">- analyze the importance-Examine manufacturing s contribution to national economy- Outline the factors. of location- Classify types of Industries.-Outline the importance of the textile industry. And mineral based Industries	<p>Discussion</p> <p>Diagrams</p> <p>Concept Mapping</p> <p>Map activity</p> <p>Blended learning</p> <ul style="list-style-type: none">• Cooperative Learning	<p>Worksheet</p> <ul style="list-style-type: none">· Google form <p>Assignment questions</p>
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		Bring out the importance of industries in the national economy as well as understand the regional disparities which resulted due to concentration of industries in some areas		
Political Science	-----	-----	-----	-----
Economics	<p>Money & Credit</p> <ul style="list-style-type: none"> · Money as a medium of exchange · Modern forms of Money · Loan activities of Banks · Two different Credit situations · Terms of Credit · Formal Sector Credit in India · Self Help Groups for the Poor <p>Globalisation & the Indian Economy</p> <ul style="list-style-type: none"> · Production across countries · Interlinking production across countries · Foreign Trade and integration of markets · What is Globalization? · Factors that have enabled Globalization 	<ul style="list-style-type: none"> · Understand money as an economic concept. · Understand the role of financial institutions from the point of view of day-to- day life. <p>Explain the working of the Global Economic phenomenon.</p>	<p>Minute paper</p> <p>KWL</p> <p>Table format</p> <p>Discussion</p> <p>Case Study</p> <p>-Picture study</p> <p>-Question framing</p> <p>-Mind Map</p> <p>-Identification of key phrases</p>	<p>Assignment and worksheet google classroom/google form</p> <p>Oral questioning</p> <p>Participation in class discussion</p>

	<ul style="list-style-type: none"> · World Trade Organization · Impact of Globalization in India · The Struggle for a fair Globalization 			
Sanskrit	<p>→ सुभाषितानि</p> <p>→ सौहार्द प्रकृतेः शोभा</p>  <p>→ विसर्गसंधिः उत्त्वम्, रत्वम्, सत्वम्</p>	<p>→ श्लोकाधारित प्रश्नों के उत्तर दे सकेगा।</p> <p>→ श्लोकों का उच्चारण कर पाएगा।</p> <p>→ एकपदेन व पूर्णवाक्येन प्रश्नों के उत्तर बता सकेगा।</p> <p>→ नाट्यांश- सौहार्द प्रकृतेः शोभा का संस्कृत व हिन्दी सरलार्थ कर सकेगा,</p> <p>→ अवधारणा मानचित्र द्वारा नाट्यांश के मुख्य बिंदुओं का लेखन कर सकेगा,</p> <p>→ आभ्यासिक कार्य करने में समर्थ होगा।</p> <p>→ प्राप्त शब्दों में संधि व संधि विच्छेद कर सकेगा।</p> <p>→ विसर्ग संधि के भेदों में अन्तर बता सकेगा।</p>	<p>कलासंबंधी समन्वय कार्य के अन्तर्गत कैलिग्रफी स्ट्रोकस द्वारा संधि लेखन – “सुलेखाघात-संधिः”</p> <p>सुभाषित आधारित माड्रम गतिविधि अन्वय, भावार्थ, सरलार्थ तथा प्रश्नोत्तर सौहार्द प्रकृतेः शोभा- कलासमायोजन (AI) कथानक में आए पात्रों का भूमिका निर्वहण करना, (इको (पर्यावरण) क्लब संबंधन) प्रश्नावली निर्माण, कथानकीय गतिविधि- संवाद वाचन इत्यादि।</p> <p>मौखिक व लिखित अभ्यासकार्य, चित्र अथवा आकार आधारित वाचन गतिविधि</p>	<p>संधिः - वाक्यों में आए विसर्ग संधि वाले शब्दों को ढूँढ कर, उनके भेद पर चर्चा करके, संधि अथवा संधि विच्छेद करवा कर मूल्यांकन किया जाएगा।</p> <p>विसर्ग संधि को सुन्दर कलाकृति में व्याकरणावली बना कर तथा कक्षा परीक्षा लेकर मूल्यांकित किया जाएगा।</p> <p>सुभाषितों का सरलार्थ अन्वय तथा प्रश्नों के उत्तर के द्वारा, सुभाषितों के केंद्रीय भाव के प्रवाह संचित्र रचना के द्वारा,</p> <p>सौहार्द.....</p> <p>कथा मनोनक्शा, प्रवाह संचित्र, पारिस्थितिकी व कथा संबंधी भूमिका निर्वहण, प्रश्नोत्तरी आदि कार्य द्वारा मूल्यांकन किया जाएगा।</p>

<p>French</p>	<p>En Pleine Forme</p> <ul style="list-style-type: none"> · Les Pronoms Possessifs · Les Parties du corps · Les Maladies · La Sécurité Sociale <p>L'Environnement</p> <ul style="list-style-type: none"> · Protéger l'environnement · Le Subjonctif 	<p>Each student will be able to – Use Possessive Pronouns in sentences. List out the different illnesses in french.</p> <p>Understand the importance of good health and exercise.</p> <p>Each student will be able to- Debate about different types of pollution, its hazards and methods to save the earth.</p> <p>Use the subjunctif form of the verb in sentences.</p>	<p>Health Education : Importance of good health and exercises especially given today's lifestyle. Learning Based Activity : Débat – Importance of health and sports in our lives. (Speaking Skill)</p> <p>Value Education : Things we can do to help save our environment.</p> <p>Art : Make a poster with a slogan on Saving Planet Earth. Drawing on “Reduce, Reuse, Recycle.”</p> <p>Experiential Learning : A discussion with the school team on Carbon footprints and its effects.</p>	<p>Questions :</p> <ol style="list-style-type: none"> 1. Qu'est-ce que c'est 'La Sécu' ? 2. Que fais-tu pour ta santé ? 3. Complétez avec les adjectifs ou les pronoms possessifs 4. Quel problème peut-on avoir à cause de pollution ? 5. Est-ce que le sport joue un grand rôle dans la vie ? <p>Questions :</p> <ol style="list-style-type: none"> 1. Écrivez un petit article sur la protection de l'environnement. 2. Complétez avec les mots donnés. 3. Quels sont les efforts peut-on faire pour la protection de l'environnement ? <p>Assessment based Activities: La Dictée (Listening Skill)</p>
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<p>Computer Application</p>	<p>Topic: Networking Sub Topic Internet: World Wide Web, web servers, web clients, web sites, web pages, web browsers, blogs, news groups, HTML, web address, e-mail address, downloading and uploading files from a remote site.</p>	<p>Each student will be able to understand different terms used in Internet and Networking</p>	<p>Create a Presentation on Networking</p>	<ul style="list-style-type: none"> · Worksheet · Google form · Presentation
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SEPTEMBER

<p>English</p>	<p>FOOTPRINTS WITHOUT FEET The Making of a Scientist</p>	<p>Each student will be able</p> <ul style="list-style-type: none"> - familiarize themselves with a tourist place of India. - read and identify the main points of the text. - summarise the main points in the text - use new words in sentence <p>Each student will be able to</p> <ul style="list-style-type: none"> - match the Scientist's with the picture - express an inclination towards beginning with small discoveries and inculcating the habits thereof. - learn about Richard Ebright and his journey to become a scientist. - understand the biographical element of Richard Ebright through the poem - role play the people in Ebright's life. - get knowledge of various stages, species and growth of butterflies. - learn about the theory of the cell. 	<p>Visuals Alexander Graham Bell, Stephen Hawking, Copernicus, Albert Einstein, Thomas Alva Edison, Aristotle</p> <p>ACTIVITY Match the scientist with their pictures</p> <p>Brainstorming Qualities that make a scientist</p> <p>Think- Tic Tac Toe Each group will select a set of two questions from the choice board ON PADLET . Answer the questions on the board</p> <p>Art Integration ACTIVITY Design a business card for Ebright from the story. The business card should be relevant to the context and should indicate the details of the character as they are presented in the story.</p> <p>Closure Exit Card: What are the ingredients in the making of a scientist</p>	<p>Practice Worksheet Assignment Worksheet Textbook Questions Class Discussion</p>
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**FIRST FLIGHT
Poem**

The Tale of Custard the Dragon

Revision Mid Term Exam

Each student will be able to
Express their viewpoints on 'fairy tales are used as a vehicle for teaching children how to survive in this world-'
-classify the poem as a ballad
- identify the theme of the poem -
Identify tone and literary devices
respond to inferential, extrapolative & evaluative questions
highlight the values as evident in the poem (bravery and courage are situational and spontaneous)
-explain the use of metaphor, simile etc.
validate that we should never judge someone without fully getting to know them
.analyze the changed scenario and present an enactment (Activity)
- analyse the theme and message of the text

Class Discussion: The ability and courage to take risk is essential to fulfill one's dream


Discussion:
Barking dogs seldom bite ~ relevance to real life
In groups, elaborate the following points to summarize the poem:
- Belinda and her pets
- Custard Mocked
- Pirate attack
- Reaction of all the pets
- The brave Custard
- Custard not given his due
Role Play - the give situation for enactment
- Custard has killed the pirate and the group returns home. How would Ink, Blink and Mustard behave with him now?
forty minutes to prepare
Characerisation - Graphic Organiser

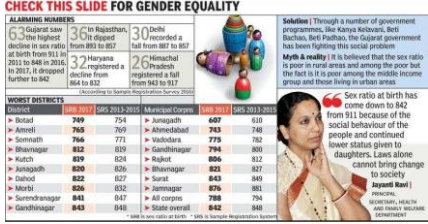


(Activity -It's Time to Shine-
Make a list of 'Childish vocabulary' and write their actual meaning.


Practice Worksheet
Assignment
Worksheet
Textbook Questions
Class Discussion

<p>Math</p>	<p>PROBABILITY Classical definition of probability. Simple problems on finding the probability of an event.</p> <p>REVISION</p>	<p>Each child will be able to -recall the meaning of probability and terms like outcomes -differentiate between experimental and theoretical probability</p>	<p>Energizer activity : you tube video on Monty Hall problem on probability Numberphile https://www.youtube.com/watch?v=4Lb-6rxZxx0</p> <p>Questions from sample papers, Ncert and Ncert exemplar, sample papers</p> <p>Skill practice: Worksheets</p>	<p>Oral response Written response Cross checking of answers and subsequent analysis</p> <p>Assignments Class work / Home work.</p> <p>Class Test important questions from previous 5 year question papers and sample questions.</p> <p>Midterm examination</p>
<p>Hindi</p>	<p>संचयन –कहानी –टोपी शुक्ला</p> <p>मित्रता, आपसी व्यवहार, व्यवहारिकता</p> <p>सांप्रदायिकता,</p> <p>विभिन्न गतिविधियों कहानी व चर्चा के माध्यम से पाठ परिचय</p>	<p>प्रत्येक छात्र –</p> <p>दिए गए मूल्यपरक प्रश्नों पर कक्षा में चर्चा कर उनके संभावित उत्तर लिख जाएगा </p> <p>धार्मिक सहिष्णुता से संबंधित चर्चा में भाग लेकर अपने विचार प्रस्तुत कर जाएगा।</p> <p>कहानी को ध्यानपूर्वक सुनकर उसका भिन्न अंत लिख जाएगा।</p> <p>पुनरावृत्ति अभ्यास के अंतर्गत अभ्यास प्रश्नपत्र पूर्ण कर जाएगा </p>	<p>टोपी की मानसिक परेशानियों को मध्यनजर रखते हुए शिक्षा प्रणाली में आवश्यक बदलावों की सूची का सामूहिक रूप से निर्माण</p> <p>टोपी की आप बीती किन जीवन मूल्यों की कमी की ओर इशारा करती है ? इस समस्या के सुधार हेतु तर्कसंमत सुझाव दीजिए।</p>	<p>अर्धाधिक परीक्षा</p> <p>लिखित तथा मौखिक कार्य के माध्यम से </p> <p>दिए गए मूल्यपरक प्रश्नों के संभावित उत्तरों के माध्यम से </p> <p>प्रवाह संचित्र के माध्यम से </p>

	<p>पुनरावृत्ति अभ्यास</p> <p>अर्धआवधिक परीक्षा</p>			
<p>Science</p> <p>Physics</p>	<p>Chapter 13 Magnetic effects of electric currents Magnetic field and field lines Magnetic field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.</p>	<p>Each learner will be able to Define magnetic field · Draw magnetic field lines around a straight current carrying conductor bar magnet, circular wire and Solenoid. · Find the direction of force acting on a current carrying conductor in a magnetic field.</p>	<p>Hands on Experiential learning · Making an electromagnet.</p>	<p>Assignment Sheet Worksheet Ncert problems</p>
<p>Chemistry</p>	<p>Corrosion and prevention of corrosion Improving properties of metals ----- formation of alloys</p> <p>Revision</p>	<ul style="list-style-type: none"> •Define alloy and corrosion •Justify the uses of alloy •Predict the conditions leading to corrosion. •List advantages and disadvantages of corrosion 	<p>COMIC STRIP ON THE PROCESS OF CORROSION.</p> <p>Activity</p>  <p>Flipped class</p>	<p>Oral assessments</p> <p>Worksheets</p> <p>Assignments</p>

			<p>.Corrosion (few managed to find corroded materials at home and some of the were assigned to present a ppt) .Newspaper activity Activity on corrosion - case study</p>																																																																			
<p>Biology</p>	<p>How do organisms reproduce? Reproduction in human beings Male and female reproductive system Reproductive health</p>	<p>Each child will be able to - 1.Draw diagrams of human male and female reproductive systems. 2. State the functions of testis and ovaries. 3. Explain the process of reproduction in human beings. 4.Enlist a few reasons for adopting contraceptive methods.</p>	<p>Practicals- Art integration- Slogan writing on anti-bullying</p> <p>"IF PEOPLE ARE TRYING TO BRING YOU DOWN IT ONLY MEANS THAT YOU ARE ABOVE THEM"</p> <p>Discussion-Newspaper article on skewed sex ratio in India</p>  <p>Alarming numbers: Rajasthan: Decline in sex ratio at birth from 911 in 2011 to 848 in 2016; registered a fall from 943 to 882. Haryana: registered a fall from 943 to 917. Himachal Pradesh: registered a fall from 943 to 917.</p> <p>Worst districts in Gujarat:</p> <table border="1"> <thead> <tr> <th>District</th> <th>Sex Ratio 2011</th> <th>Sex Ratio 2016</th> <th>District</th> <th>Sex Ratio 2011</th> <th>Sex Ratio 2016</th> </tr> </thead> <tbody> <tr> <td>Bhavnagar</td> <td>749</td> <td>754</td> <td>Junagadh</td> <td>607</td> <td>610</td> </tr> <tr> <td>Anand</td> <td>765</td> <td>769</td> <td>Ahmedabad</td> <td>743</td> <td>748</td> </tr> <tr> <td>Surekhra</td> <td>766</td> <td>771</td> <td>Valsad</td> <td>778</td> <td>782</td> </tr> <tr> <td>Bhavnagar</td> <td>812</td> <td>819</td> <td>Sandeshnagar</td> <td>794</td> <td>800</td> </tr> <tr> <td>Kutch</td> <td>819</td> <td>824</td> <td>Rajkot</td> <td>806</td> <td>812</td> </tr> <tr> <td>Anand</td> <td>820</td> <td>826</td> <td>Bhavnagar</td> <td>822</td> <td>827</td> </tr> <tr> <td>Dahod</td> <td>822</td> <td>827</td> <td>Surat</td> <td>843</td> <td>849</td> </tr> <tr> <td>Mehsana</td> <td>826</td> <td>832</td> <td>Junagadh</td> <td>876</td> <td>881</td> </tr> <tr> <td>Surekhra</td> <td>843</td> <td>847</td> <td>All corpora</td> <td>788</td> <td>794</td> </tr> <tr> <td>Sandeshnagar</td> <td>843</td> <td>848</td> <td>State overall</td> <td>882</td> <td>888</td> </tr> </tbody> </table>	District	Sex Ratio 2011	Sex Ratio 2016	District	Sex Ratio 2011	Sex Ratio 2016	Bhavnagar	749	754	Junagadh	607	610	Anand	765	769	Ahmedabad	743	748	Surekhra	766	771	Valsad	778	782	Bhavnagar	812	819	Sandeshnagar	794	800	Kutch	819	824	Rajkot	806	812	Anand	820	826	Bhavnagar	822	827	Dahod	822	827	Surat	843	849	Mehsana	826	832	Junagadh	876	881	Surekhra	843	847	All corpora	788	794	Sandeshnagar	843	848	State overall	882	888	<p>Oral assessments Worksheets Assignments Class test in google forms</p>
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<p>Social Science History</p>	<p>The Making of a Global World: · The Pre-modern world · The Nineteenth Century (1815-1914) · The Inter war Economy · Rebuilding a World Economy: The Post-War Era</p>	<p>· Show that globalization has a long history and point to the shifts within the process. · Analyze the implication of globalization for local economies.</p>	<p>Watching relevant presentation Small Group discussion Brainstorming Pair and square</p>	<p>Assignment and worksheet google classroom/ google form Oral questioning Participation in class discussion</p>																																																																		

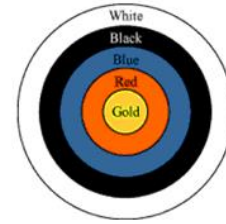
		<ul style="list-style-type: none"> · Discuss how globalization is experienced differently by different social groups. 		
Geography	<p>Manufacturing Industries</p> <p>Industrial pollution and Environmental degradation</p> <p>--Control of environmental Degradation</p> <p>Lifelines of national economy</p> <ul style="list-style-type: none"> - Introduction - roadways - Types. - Railways 	<p>How do Industries pollute environment -</p> <p>Outline the causes that lead to Air , water ,thermal and noise pollution.</p> <p>Discuss the steps to be taken to minimize environmental degradation caused by industry.</p> <p>Discuss NTPC proactive approach which preserves natural environment and resources</p> <p>Realize the importance of transport and communication in an ever shrinking world.</p> <p>Classify the types of roads</p> <p>State advantages OF roads vis a vis rail tpt</p> <p>Outline their connectivity</p> <p>Discuss distribution</p> <p>Examine the importance of railways</p> <p>Evaluate the problems and improvements.</p>	<ul style="list-style-type: none"> ● Flipped Classroom technique ● Question answer-AMP box ● Presentations ● Cooperative Learning <p><u>Art Integration Activity</u></p> <p><u>Prepare presentations - group activity</u></p> <p>Case study</p> <p>Question answer-AMP box</p> <p>small group Discussions</p> <p>Map activity</p>	<p>Worksheet</p> <ul style="list-style-type: none"> · Google form <p>Assignment questions</p> <p>worksheet</p>

Political Science	Revision for the Mid-Term Exams	<ul style="list-style-type: none"> ● CBSE Sample Paper practice ● Doubts clearance ● Highlights of different topics 	Practice tests Short discussions Key points Concept mapping	Revision sheets Sample Q/As
Economics	Revision for the Mid-Term Exams	<ul style="list-style-type: none"> ● CBSE Sample Paper practice ● Doubts clearance ● Highlights of different topics 	Practice tests Short discussions Key points Concept mapping	Revision sheets Sample Q/As
Sanskrit	विचित्र: साक्षी  पुनरावृत्ति:	प्रत्येक छात्र - → कथानक आधारित ८ - १० प्रश्नों के उत्तर दे सकेगा। → कथा को सरल रूप में बता पाएगा, → कथानक का प्रस्तुतीकरण कर सकेगा। → सत्य असत्य जानने के प्रयास से जागृत होगा।	विचित्र: साक्षी - हिन्दी चलचित्र जॉली एल एल बी का दृश्य देखना। प्रश्नकोष का निर्माण करना , सामूहिक प्रस्तुतिकरण- योग्यता आधारित अधिगम-संवाद कौशल, सामूहिक चर्चा करना इत्यादि। पुनरावृत्ति - अभ्यासकार्यपत्रादि।	विचित्र: साक्षी - प्रस्तुतीकरण, प्रश्न उत्तर रचना, प्रश्न निर्माण, संवाद कौशल, कथानक के घटनाक्रम, गूगल आलेख, गूगल प्रपत्र, प्रहेलिका के आधार पर मूल्यांकन किया जाएगा।
French	Revision for the Mid-Term Exams	Each student will be able to- Answer all the questions coming in the exam correctly.	Revision Worksheets Oral Questions Google Forms	Half Yearly Exam (80 marks) Syllabus - Lessons 1 to 8

				Grammar – All tenses, Adjectifs and pronoms possessifs and demonstratifs, pronoms personnels. Pronoms Relatifs – Simples et Composé. Discours Rapporté Writing Skills –Letter
Computer Application	<p>Topic: Networking Sub Topic</p> <p>Internet protocols: TCP/IP, SMTP, POP3, HTTP, HTTPS.</p> <p>Remote login and file transfer protocols: SSH, SFTP, FTP, SCP, TELNET, SMTP, TCP/IP</p>	Each student will be able to understand the uses of various Internet protocols	<ul style="list-style-type: none"> · Read from book the meaning of Internet protocols. · Find out the full forms of different protocols · Research on the difference between HTTP and HTTPS protocol · Watch the video on SMTP protocol https://www.youtube.com/watch?v=PJo5yOtu7o8 · Watch a video on POP protocol https://www.youtube.com/watch?v=mcHWJ8bWAKw · Watch a presentation on remote login protocols 	<ul style="list-style-type: none"> · Worksheet · Google form · Table
OCTOBER				
English	FOOTPRINTS WITHOUT FEET Bholi	Each student will be able to	Debate/ Discussion:	Practice Worksheet

	<p>The Necklace ~ Guy de Maupassant - What does the story say - (historically, socially, culturally) - The moral of the lesson</p> <p>Syllabus completed Revision Literature syllabus Writing skills Grammar</p>	<ul style="list-style-type: none"> - deduce the meaning of difficult words/ use a dictionary for the same. - summarize at least a part of the story in their own words - list changes that they would like to bring in the society -participate in the debate cum discussion on the given topic -answer textual questions and RTCs. <p>Each student will be able to participate in the discussion and share their thoughts with each other, State the circumstances that lead to borrowing</p> <ul style="list-style-type: none"> -elucidate that one should be content with what one has .explored the given statement and comment upon it .list the qualities to write a character sketch of Madame Forestier and Madame Loisel with examples from the text.. - express their opinion on the topic and write the reflections, analyse the given situation and give their view points. <p>Discussion of board paper questions Written assignments Sample Question papers</p>	<p>Dowry system in India – Is it still prevalent?</p> <p>Flip Material- https://diksha.gov.in/cbse/play/content/do_31280561388553011215028?contentType=ExperientialResource Type=ExperientialResource</p> <p>Hook Activity - Answer introductory questions:- Have you ever borrowed anything from a friend? Why did you borrow that? What would you do if you lose that Thing</p> <p>Discussion, *Trust takes a lifetime to build, if broken List the character traits of both Madame Forestier and Madame Loisel *discussion on the topic ‘Money can’t buy happiness Activity-Essay Writing)Teacher will write her observations after completion of the topic</p> <p>TOPICS Honesty is the best policy .→We should be happy with what we have.</p>	<p>Assignment Worksheet Textbook Questions Class Discussion cum Debate</p>
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			<p>→Money should never come in between friends.</p> <p>Revision Written assignments Quizzing</p>	<p>Giving feedback to responses in written assignments and Board sample papers.</p>
<p>Math</p>	<p>AREAS RELATED TO CIRCLES Area of sectors and segments of a circle. Problems based on areas and perimeter / circumference of the above said plane figures. (In calculating area of segment of a circle, problems to be restricted to central angle of 60°, 90° and 120° only.</p> <p>2. SURFACE AREAS AND VOLUMES Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones.</p>	<p>Each child will be able to</p> <ul style="list-style-type: none"> -recall formulae for area and perimeter of a circle, definition of sector and segment -understand the formulae for sector, length of arc -apply these formulae for solving problems. <p>-recall the various formulas of surface areas and volumes for solids</p> <p>-find the surface areas and volumes for a combination of solids</p> <p>--develop computational skills.</p>	<p>FLIPPED LEARNING: From the text and using the link https://www.examfear.com/free-video-lesson/Class-10/Maths/Areas-Related-to-Circles/part-2/Area Related to Circles Part 2 (Area of Circle).htm</p> <p>Discussion of questions from text and sample papers.</p> <p>Questions from sample papers, Ncert and Ncert exemplar, sample papers</p> <p>Skill practice: Worksheets</p> <p>Art integration: Cards to create shapes.</p> <p>The given figure depicts an archery target marked with its five scoring regions from the center outwards as Gold, Red, Blue, Black, and White.</p>	<p>Oral response Written response Cross checking of answers and subsequent analysis</p> <p>Assignments Class work / Home work.</p> <p>Class Test important questions from previous 5 year question papers and sample questions.</p> <p>Periodic Test</p>



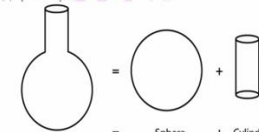
The diameter of the region representing Gold score is 21 cm and each of the other bands is 10.5 cm wide. Find the area of each of the five scoring regions.

Relating the topic to objects around us:



2. A surahi is the combination of
 (A) a sphere and a cylinder (B) a hemisphere and a cylinder
 (C) two hemispheres (D) a cylinder and a cone.

Solution: (A) a sphere and a cylinder.



The top part of surahi = cylindrical shape
 Bottom part of surahi = spherical shape
 Therefore, surahi is a combination of sphere and a cylinder.

Quiz Activity :

Is it surface area and volume?

<https://wordwall.net/resource/10715820/surface-area-or-volume->

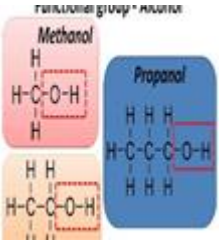

Flipped Learning: From the text or using the links

<https://www.examfear.com/free-video-lesson/Class-10/Maths/Surface-Areas-Volumes/part-1.htm>

<https://www.examfear.com/free-video-lesson/Class-10/Maths/Surface-Areas->

			<p>Volumes/part-2/Surface_Area_and_Volume_Part_2_(Surface_Area).htm</p> <p>https://www.examfear.com/free-video-lesson/Class-10/Maths/Surface-Areas-Volumes/part-3/Surface_Area_and_Volume_Part_3_(Surface_Area_Examples).htm</p> <p>For Formula practice:</p> <p>https://wordwall.net/resource/10715583/formulas-surface-area-volume</p> <p>Discussion of questions from text and sample papers.</p> <p>Case study</p> <p>Skill practice</p>	
Hindi	<p>कविता- मनुष्यता</p> <p>परहित भावना चिंतन मनुष्यता चेतना शक्ति परोपकार के महत्व</p> <p>अपठित गद्यांश</p>	<p>प्रत्येक छात्र –</p> <p>कविता के मूलभाव से परिचित होते हुए 2-3 पंक्तियों का अर्थ बता पाएगा।</p> <p>पूछे गए लिखित एवं मौखिक प्रश्नों के संभावित एवं सटीक उत्तर स्पष्ट कर पाएगा।</p>	<p>कविता में वर्णित महादानियों की कथा से संबंधित प्रवाह-संचित्र निर्माण</p> <p>वजीर अली एक नीतिकुशल योद्धा था पाठ के आधार पर प्रमाणित कीजिए आत्मत्राण कविता अन्य प्रार्थना गीतों से अलग कैसे है?</p> <p>स्वास्थ्य एवं कल्याण</p>	<p>सामूहिक चर्चा के माध्यम से प्रवाह संचित्र निर्माण द्वारा कार्यपत्र के माध्यम से लिखित तथा मौखिक कार्य के द्वारा</p>

	<p>दिए गए गद्यांश पर आधारित 5-5 बहुविकल्पीय प्रश्न बनाना ।</p> <p>एकांकी - कारतूस</p> <p>निडरता</p> <p>देश भक्ति</p> <p>जाँबाज़ी</p> <p>कविता- आत्मत्राण</p> <p>संघर्ष से लड़ने का साहस ईश्वरीय भक्ति एवं</p> <p>विश्वास कविता की भावपूर्ण व्याख्या।</p>	<p>संसार के प्रसिद्ध एवं महादानी व्यक्तियों के विषय में जानकार उनसे संबंधित पूछे गए प्रश्नों के उत्तर दे पाएगा।</p> <p>अर्धआवधिक प्रश्नपत्र पर चर्चा कर सुधार कार्य पूर्ण कर पाएगा ।</p> <p>दिए गए गद्यांश में से कम-से-कम 5-5 बहुविकल्पीय प्रश्न बना पाएगा ।</p> <p>कारतूस एकांकी से संबंधित दिए गए गद्यांश पर आधारित 5-5 बहुविकल्पीय प्रश्न बना पाएगा ।</p> <p>कारतूस पाठ के पात्रों व उनके मध्य संबंधों को जानकर पाठ से संबंधित अभिनय प्रस्तुति में भाग ले पाएगा।</p> <p>दिए गए प्रश्नों के संभावित व सटीक उत्तर लिख पाएगा।</p>	<p>कवि स्वस्थ शरीर की कामना क्यों करता है ।स्वस्थ शरीर के लाभ बताते हुए स्पष्ट कीजिए ।</p> <p>कला समावेशन</p> <p>रंतिदेव कर्ण दधीचि उशीनर इत्यादि महादानियों के विषय में जानकारी एकत्रित करना तथा किसी एक की कहानी को कार्टून स्ट्रिप के माध्यम से प्रदर्शित करना ।</p>	
<p>Science</p> <p>Physics</p>	<p>Chapter 13 Magnetic effects of currents Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.</p>	<p>Each learner will be able to Define direct current Define alternating currents Differentiate between AC and DC Able to state use of earth wire in domestic circuits</p>	<p>Find at least 3 devices in your house which work on DC and on AC</p>	<p>Works assignment</p>

<p>Chemistry</p>	<p>Carbon and its compounds Properties of carbon Allotropes of carbon Covalent bonding Classification of hydrocarbons Nomenclature of hydrocarbons. IUPAC naming Functional group of carbon compounds</p> <p>Chemical properties of carbon compounds</p> <p>PRACTICALS Study the properties of acetic acid</p>	<ul style="list-style-type: none"> •Classify hydrocarbons with a flow chart. •Differentiate between saturated and unsaturated carbon compounds. •Draw molecular structures of chain, branched and ring compounds •Define homologous series. Name the compounds using IUPAC system •List the different functional groups •Identify the functional group Identify the type of reaction. •Compute an equation from the given data. •Relate the reactions to daily life. 	 <p>making of ball and stick model .</p> <p>AIL- make 3 D models , click pictures and make a collage.</p> <p>Hands on activity</p>	<p>Assignment</p> <p>Molecular kit -- lewis structures</p> <p>Case study</p> <p>Popplet for graphic organiser.</p>
<p>Biology</p>	<p>Heredity and Evolution Accumulation of variation during reproduction Inherited traits Rules for the inheritance of traits- Mendel's Contribution How do traits get expressed Sex determination</p>	<ol style="list-style-type: none"> 1. Define heredity. 2. Explain how the creation of variations in species promotes survival. 3. Enlist the rules for the inheritance of traits. 4. Discuss how the sex of the child determined in human beings. 	<p>Activity- Free and attached earlobes Case studies</p> <p>Art integration-Make a funny cartoon strip on Heredity and Evolution.</p> 	<p>Worksheets</p> <p>Google forms</p> <p>Word wall</p>
<p>Social Science</p> <p>History</p>	<p>-----</p>	<p>-----</p>	<p>-----</p>	<p>-----</p>

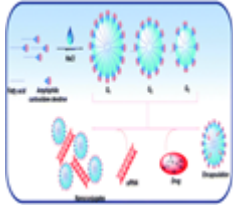
<p>Geography</p>	<p>Lifelines of National economy</p> <ul style="list-style-type: none"> - pipelines - Waterways - Seaports - Airways - Communications - International trade - Tourism as a trade 	<p>Examine the importance of pipelines List three important network of pipeline tpt Understand the significance of waterways Name the rivers which are navigable . Identify the major ports of India. Highlight the importance of Airways Understand the significance of communication Diff bet personal and mass comm Realize the importance of I.T Able to define balance of trade List items of export and import Discuss tourism as trade</p>	<ul style="list-style-type: none"> •Flipped Classroom technique •Question answer-AMP box • Cooperative Learning <p>Concept Mapping</p> <p>Map activity</p>	<p>Assignment and worksheet Google form</p> <p>ART INTEGRATION CREATIVE TOURISM LOGO DESIGN</p>
<p>Political Science</p>	<p>Political Parties</p> <ul style="list-style-type: none"> · Why do we need Political Parties? – Meaning, Functions, Necessity · How many parties should we have? · National Parties · State Parties · Challenges to Political Parties · How can Parties be reformed? <p>Outcomes of Democracy</p> <ul style="list-style-type: none"> · How do we assess democracy's outcomes? 	<ul style="list-style-type: none"> · Analyze party systems in democracies. · Introduction to major political parties, challenges faced by them and reforms in the country. 	<ul style="list-style-type: none"> -Hook Activity -General Knowledge on Political Parties -Interactive session on the role of parties in elections -Picture study -Question framing -Mind Map -Identification of key phrases <p>Think and share Class Discussion on democracy as a</p>	<p>Assignment and worksheet google classroom/ google form Oral questioning Participation in class discussion</p> <p>Assignment and</p>


	<ul style="list-style-type: none"> · Accountable, responsive and legitimate government · Economic growth and development · Reduction of inequality and poverty · Accommodation of social diversity · Dignity and freedom of the citizens 	<ul style="list-style-type: none"> · Evaluate the functioning of democracies in comparison to alternative forms of governments. · Understand the causes for continuation of democracy in India. · Distinguish between sources of strengths and weaknesses of Indian democracy. 	<p>form of government</p> <p>Cooperative learning</p>	<p>worksheet google classroom/ google form</p> <p>Oral questioning</p> <p>Participation in class discussion</p>
Economics	-----	-----	-----	-----
Sanskrit	<p>सूक्तयः</p> <p>अन्योक्तयः</p> <div style="background-color: #4b7a5d; color: white; padding: 5px; text-align: center;"> <p>॥ मूढः परप्रत्ययनेयबुद्धिः ॥</p> <p>मूर्ख लोग दूसरों के ज्ञान से संचालित होते हैं ।</p> </div>	<p>प्रत्येक छात्र</p> <p>→ श्लोकों का अन्वय कर सकेगा,</p> <p>→ सूक्तियों पर आधारित प्रश्न-उत्तर कर सकेगा।</p> <p>→ सूक्तियों का स्वजीवन में समावेश समझ सकेगा।</p> <p>→ श्लोकों को संस्कृत में पढ़ सकेगा,</p> <p>→ श्लोकों का सस्वर वाचन करेगा ,</p> <p>→ श्लोकों के अर्थ</p> <p>→ अन्वय</p> <p>→ प्रश्ननिर्माण</p> <p>→ श्लोकों का अनुवाद कर सकेगा।</p> <p>→ श्लोकाधारित प्रश्नों के उत्तर दे सकेगा।</p>	<p>श्लोकोच्चारण करना,</p> <p>प्रश्नरचना करना -</p> <p>(Questioning) श्लोकाधारित प्रश्नों का निर्माण करना।</p> <p>अन्वय करना, भावार्थ करना, सरलार्थ तथा प्रश्नोत्तर</p> <p>श्लोक संबंधी गतिविधि -स्वाभिमान, कृतज्ञता, निस्वार्थता आदि शब्दकोशानुसार गतिविधि</p> <p>अन्योक्ति- जिसमें एक से कही हुई बात किसी दूसरे पर घटित हो- गतिविधि- वाचन, नाटकादि – योग्यता आधारित अधिगम</p>	<p>प्रश्नोत्तर द्वारा</p> <p>*प्रस्तुतिकरण के द्वारा</p> <p>*पूर्वालोकन विधि द्वारा परीक्षीय प्रश्नों के नमूनों के</p> <p>*प्रायोगिक अभ्यास के द्वारा, *अभ्यासकार्य पत्र</p> <p>*सामूहिक गतिविधि के माध्यम से, गूगलालेख, गूगलप्रपत्र द्वारा मूल्यांकित किया जाएगा ।</p>

				श्रवण कौशल परीक्षणम् – संस्कृतवार्तावली
French	<p>Metro, Boulot, Dodo</p> <ul style="list-style-type: none"> · Le Conditionnel Passé. · Les monuments Indiens. · Stations of Métro. · Les codes de la route. · Les cartes de transport. <p>Vive La République</p> <ul style="list-style-type: none"> · Le Discours Rapporté · Conversation Téléphonique · Le système politique et le Gouvernement en France 	<p>Each student will be able to- Conjugate any verb in all the possible tenses.</p> <p>Enumerate the metro stations in France – the signboards, the names, etc.</p> <p>Compare the transport in France with the transport in India.</p> <p>Each student will be able to- Describe the political system in France and compare it with that of India.</p> <p>Convert direct speech to reported speech.</p> <p>Conjugate the verbs in gerondif.</p>	<p>Lifeskill Activity : A Routine Day in one's Life.</p> <p>Worksheet - All tenses.</p> <p>Art : Draw the various Traffic symbols with their meanings in French.</p> <p>Value Education : Values regarding the National Symbols and our Pride in our country.</p> <p>Art : Mind-Map of the Political Systems of France and India.</p>	<p>Questions :</p> <ol style="list-style-type: none"> 1. Décrivez le bateau- mouche. 2. Quelles sont les limitation de vitesse en France. 3. Quelle est le différence entre un train et un tram ? <p>Questions :</p> <ul style="list-style-type: none"> · Mettez le verbe au participe present ou au gérondif. · Comparez le système politique en France et en Inde. <p>Écrivez une lettre à votre père en décrivant le système politique en France.</p>

<p>Computer Application</p>	<p>Topic: Networking Sub Topic Services available on the internet: information retrieval, locating sites using search engines and finding people on the net;</p> <p>Web services: chat, email, video conferencing, e-Learning, e-Banking, e-Shopping, e-Reservation, e-Governance, e-Groups, social networking.</p> <p>Mobile technologies: SMS, MMS, 3G, 4G.</p>	<p>Each student will be able to understand the uses merits and demerits of different web services.</p>	<ul style="list-style-type: none"> · Explore and find out what all services are provided by the internet. · Read from book- Chat and Email services · Read the meaning, merits and demerits of Video conferencing from book · Watch the video on benefits of E-learning https://www.youtube.com/watch?v=1SZle1skb84 · Watch the video on E-banking https://www.youtube.com/watch?v=oADxUX4STjE · Read from internet about E-shopping · Watch video on E-Governance https://www.youtube.com/watch?v=OUt6kthJloU · Read from book about E-Groups · Watch video on advantages and disadvantages of Social networking https://www.youtube.com/watch?v=mmf5OJ6KM9Q · Read from book the different generations of mobile technologies 	<ul style="list-style-type: none"> · Worksheet · Google form · Poster
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NOVEMBER

English	Revision work			
Math	Revision work		<p>Questions from sample papers, Ncert and Ncert exemplar, sample papers</p> <p>Worksheets</p>	<p>Oral response Written response Cross checking of answers and subsequent analysis</p> <p>Assignments Class work / Home work.</p> <p>Class Test important questions from previous 5 year question papers and sample questions.</p> <p>Periodic Test</p>
Hindi	पुनरावृत्ति परीक्षा	प्रत्येक छात्र - पूर्व परीक्षीय प्रश्नपत्रों के उत्तर दे सकेगा।	पूर्व बोर्ड परीक्षीय प्रश्नपत्रों का अभ्यास	लिखित, मौखिक, अभ्यास कार्य द्वारा।
Science Physics	Revision work			
Chemistry	<p>soap and synthetic detergents structure and formation of micelles Cleansing action of soap. Difference between soap and detergent.</p> <p>PRACTICAL</p>	<ul style="list-style-type: none"> •Define soap and detergents. •Draw the structure of the micelle •Diagrammatically explain the cleansing action of soap •Differentiate between soap and detergents •Identify hard and soft water 	<p>Flash cards on cleansing action of soap</p> 	Observation sheet

	Distinguish between hard and soft water		Experiential Identify the water in your locality. Activity showing hard water and soft water 	
Biology	Environment What happens when we add our waste to the environment? Eco system Food chains and webs How do our activities affect the environment followed by revision	Each student will be able to 1. Differentiate between biodegradable and non biodegradable waste 2. Differentiate between biotic and abiotic components of the ecosystem. 3. Explain the law of energy transfer in a food chain. 4. List the human activities that affect the environment.	Group activity Each group will prepare a presentation on the topic given	Presentation followed by peer assessment
Social Science	Revision Test			
History				
Geography	Revision Test			
Political Science	Revision Test			
Economics	Revision Test			
Sanskrit	पुनरावृत्ति परीक्षा	प्रत्येक छात्र - पूर्व परीक्षीय प्रश्नपत्रों के उत्तर दे सकेगा।	पूर्व बोर्ड परीक्षीय प्रश्नपत्रों का अभ्यास	लिखित, मौखिक, अभ्यासकार्यपत्रादि द्वारा।
French	Revision for the Pre-Board Exams	Each student will be able to-	Questions from sample papers and Reference Books	Oral response Written response

		Assess their learning through practice and class tests and improve themselves.	Worksheets - Bilan	Peer / Self checking of answers and subsequent analysis. Assignments Class work / Home work
Computer Application	<p>Topic: HTML II</p> <p>Sub Topic</p> <p>Embed audio and video in a HTML page.</p> <p>Create a table using the tags: table, tr, th, td, rowspan, colspan</p> <p>Links: significance of linking, anchor element (attributes: href, mailto), targets.</p>	Each student will be able to Embed audio, video, insert Table and links using HTML Commands.	<ul style="list-style-type: none"> · Watch video on Embedding Audio in HTML. https://www.youtube.com/watch?v=y7jOwzozumU · Read from book on how to embed video in HTML · Execute and check output of questions that are given in the book on Embedding Audio and Video · Read from book on how to create simple table in HTML · Execute and check output of questions given in the book on creating simple table in HTML · Read from book the difference between Rowspan and Colspan · Execute and check output of questions that are given in the book rowspan and colspan. · Read from book on how different types of links. 	<ul style="list-style-type: none"> · Worksheet · Google form · HTML Output · Webpage

DECEMBER				
English	Revision work			
Math	Revision work		<p>Questions from sample papers, Ncert and Ncert exemplar, sample papers</p> <p>Worksheets</p>	<p>Oral response Written response Cross checking of answers and subsequent analysis</p> <p>Assignments Class work / Home work.</p> <p>Class Test important questions from previous 5 year question papers and sample questions.</p> <p>Periodic Test</p>
Hindi	प्री बोर्ड परीक्षा हेतु पुनरावृत्ति अभ्यास	सी.बी.एस.ई. सैपल प्रश्नपत्र समस्या समाधान	अभ्यास प्रश्नपत्र समूह चर्चा	कार्यपत्र सैपल प्रश्नपत्र
Science	Revision work			
Physics				
Chemistry	Revision work			

Biology	Revision	Sample papers and doubt clearing sessions		
Social Science History	Revision for Pre- boards + Pre - boards	<ul style="list-style-type: none"> ● CBSE Sample Paper practice ● Doubts clearance ● Highlights of different topics 	Practice tests Short discussions Key points Concept mapping	Worksheets Sample Q/As
Geography	Revision for Pre- boards + Pre - boards	<ul style="list-style-type: none"> ● CBSE Sample Paper practice ● Doubts clearance ● Highlights of different topics 	Practice tests Short discussions Key points Concept mapping	Worksheets Sample Q/As
Political Science	Revision for Pre- boards + Pre - boards	<ul style="list-style-type: none"> ● CBSE Sample Paper practice ● Doubts clearance ● Highlights of different topics 	Practice tests Short discussions Key points Concept mapping	Worksheets Sample Q/As
Economics	Revision for Pre- boards + Pre - boards	<ul style="list-style-type: none"> ● CBSE Sample Paper practice ● Doubts clearance ● Highlights of different topics 	Practice tests Short discussions Key points Concept mapping	Worksheets Sample Q/As
Sanskrit	पुनरावृत्ति परीक्षा	प्रत्येक छात्र - पूर्व परीक्षीय प्रश्नपत्रों के उत्तर दे सकेगा। अन्य नमूना प्रश्नपत्र कर सकेगा।	पूर्व बोर्ड परीक्षीय प्रश्नपत्रों का अभ्यास चर्चा विचार शंका निवारण समस्यागत प्रश्नों के उत्तर।	लिखित, मौखिक कार्य, पूर्व बोर्ड परीक्षापत्र तथा अभ्यासकार्यपत्रादि द्वारा।
French	Revision for the Pre-Board Exams	Each student will be able to- Assess their learning through practice and class tests and improve themselves.	Questions from sample papers and Reference Books Worksheets - Bilan	Oral response Written response Peer / Self checking of answers and subsequent analysis. Assignments

				Class work / Home work
Computer Application	<p>Topic: HTML II</p> <p>Sub Topic</p> <p>Cascading style sheets: colour, background-colour, border-style, margin, height, width, outline, font (family, style, size), align, float</p>	Each student will be able to use CSS while creating web pages	<ul style="list-style-type: none"> · Watch video on advantages of CSS. https://www.youtube.com/watch?v=XPv4EeB0PJ8 · Read from book to insert colors in CSS · Execute program that is given in the book on how to insert background color using CSS. · Watch video on inserting fonts using CSS. https://www.youtube.com/watch?v=Bc6tss3gEvU · Read from book -borders and its attributes in CSS 	<ul style="list-style-type: none"> · Worksheet · Google form · HTML Output · Webpage
JANUARY				
Subject	Topics to be Covered / No. of Periods	Learning outcome	Activities	Assessments
English	Revision work			
Math	Revision work		<p>Questions from sample papers, Ncert and Ncert exemplar, sample papers</p> <p>Worksheets</p>	

Hindi	पुनरावृत्ति अभ्यास			
Science	Revision work			
Physics				
Chemistry	Revision		Questions from sample papers, Ncert and Ncert exemplar, sample papers Worksheets	
Biology	Revision work			
Social Science	Pre- boards (contd.)			
History				
Geography	Pre- boards (contd.)			
Political Science	Pre- boards (contd.)			
Economics	Pre- boards (contd.)			
Sanskrit	पूर्व बोर्ड परीक्षा			
French	Revision work			
Computer Application	Revision			