



TAGORE INTERNATIONAL SCHOOL
VASANT VIHAR, NEW DELHI
PARENTS SYLLABUS (2021-2022)
CLASS: XI B
June- March

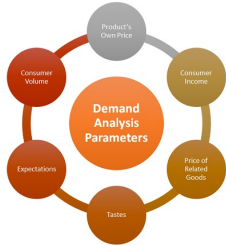
JUNE				
Subject	Topics Covered/ No. of Periods	Learning Outcome	Activities	Assessments
Mathematics	Sets	Each student will be able to *define the term set. *represent a set in roaster and set-builder form. *list the various types of sets. *define equal sets. *define a subset. *define a power set. *define a universal set. *explain the various operations on sets i.e and *solve practical problems on union and intersection of 2/ 3sets *understand the concept of Venn diagrams. *apply the concept of Venn	(LA) Discussion on the Video seen on Sets and its representation seen at home. Quiz based on Venn Diagram Concept. Questions from Assignment on Sets will be discussed. Asking students to form sets related to things around them (EL) To verify distributive law for three given non-empty sets A, B and C (ACTIVITY)	<ul style="list-style-type: none">● HW given from NCERT & Assignment(uploaded in Google Classroom)● Oral Questions● Google Form● Short Test

	<p style="text-align: center;">Relations & Functions</p>	<p>diagrams in solving statement questions.</p> <p>Each student will be able to</p> <ul style="list-style-type: none"> *define the Cartesian product of sets. *find the number of elements in a Cartesian product. *define a relation. *describe a relation in roaster, set-builder, arrow diagram form. *find the domain and range of relation. *define a function. *find the domain/range of function. *list the various types of function. *draw the graphs of various functions. 	<p>Folk Art with a Covid twist (AIL)</p> <p>(LA) Discussion on the Video seen at home.</p> <p>Questions from Assignment on Relation and Function will be discussed.</p> <p>Connect to the concept of relations to human relations in Covid-19 outbreak.</p> <p>To verify that for two sets A and B, $n(A \times B) = pq$ and the total number of relations from A to B is 2^{pq}, where $n(A) = p$ and $n(B) = q$ (ACTIVITY)</p> <p>A video on the Indian Dance form Kuchipudi depicting the graphs of various functions in different postures of this dance form. (AIL)</p> <p>To distinguish between a Relation and a Function (ACTIVITY)</p>	<ul style="list-style-type: none"> ● HW given from NCERT & Assignment (uploaded in Google Classroom) ● Oral Questions. ● Google Form ● KWL Chart ● Diksha Practice Work <p>https://diksha.gov.in/cbse/play/content/do_3130887655061995521919?con</p>
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English	Prose –The Summer of the Beautiful White Horse	<p>Each student will be able to:</p> <p>Write the answers correctly.</p> <p>Understand the concept of integrity and truthfulness.</p>	<p>Watch the link:</p> <p>https://paperap.com/paper-on-es-say-summer-beautiful-white-horse/</p> <p>The text: The Summer of the Beautiful White Horse</p> <p>Read and analyze the characters of Aram and Mourad.</p>	<p>Assignment</p> <p>Worksheet</p> <p>Classwork and Homework shared in the Google classroom</p>
	The Address	<p>Each student will be able to:</p> <p>State the cruelty of and futility of war.</p> <p>List the nuances of the characters.</p> <p>Write the answers to the questions correctly.</p>	<p>https://youtu.be/zLSNh-LwJrl</p> <p>Identifying the setting and relevance of the story.</p> <p>Identify the central theme, and narrative voice.</p>	
	WritingSkill: Poster,	<p>Understand the grammar rules and apply them correctly.</p>	<p>DIKSHA Portal</p> <p>Presentation</p>	
	Grammar worksheets on determiners Article writing	<p>Write an article with the appropriate format and content.</p> <p>Analyse the content.</p>	<p>Discussion CBSE questions</p>	

<p>Political Science</p>	<p>What is a Constitution?</p> <p>Philosophy of the Constitution</p>	<p>Every student will be able to</p> <ol style="list-style-type: none"> 1. Define a Constitution 2. Analyse the functions of the Constitution 3. Highlight the method of promulgation of the Constitution 4. State from where the Constitution derives its authority 5. List the sources of the Constitution <p>At the end of the lesson students will be able to</p> <ol style="list-style-type: none"> 1. Reason out why a philosophical approach to the Constitution is necessary. 2. Highlight the importance of the values of the Constitution 3. Discuss the features of the indian constitution 4. Analyse the Criticisms of the indian constitution 5. State the defects of the Indan Constitution 6. identify the procedural achievements 	<p>Think pair and share Class interaction Chat box discussion. Mind Map Students will discuss need for a constitution</p> <p>They will read a speech by Ambedkar and discuss on the method of promulgation Group discussion on functions</p> <p>Watching relevant presentation. Think and share Debate Newspaper inferences Cartoon interpretation Students to fill a KWL chart on features.</p> <p>Students will identify the key phrases and make a list They will share in chat box to exchange lists and add own points. They will then write a summary.</p> <p>ASSESSMENT Muddiest point Summarisation Worksheet</p>	<p>Quiz</p> <p>Google form Minute Paper</p> <p>RSQ2 Worksheet</p> <p>Oral questioning Word Journal</p> <p>ABC summary</p> <p>Peer review</p>
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	<p>Constitution As a living document</p> <p>Fundamental Rights</p>	<p>Every student will be able to</p> <ol style="list-style-type: none"> 1. Explain the need for Amendment 2. Discuss the amending procedure of the Indian Constitution. 3. Analyse the role of the Judiciary in the growth of the Constitution. 4. Categorise the different kinds of amendments. 5. Discuss why the Indian <ol style="list-style-type: none"> 1. Define DPSP 2. Distinguish between DPSP and Fundamental Rights 3. constitution is a living document 4. Differentiate between a flexible and rigid Constitution 	<p>Students will read the relevant material</p> <p>Think pair and share</p> <p>Small Group interaction</p> <p>Fish Bowl discussion.</p> <p>In pairs students will discuss need for a constitution</p> <p>Group discussion on functions</p> <p>Followed by peer review</p> <p>ASSESSMENT</p> <p>Muddiest point</p> <p>Summarisation</p> <p>Worksheet</p> <ol style="list-style-type: none"> 1. Three step Interview 3. Think and Share 4. Mind mapping. 2. Peer tutoring 	<p>Minute Paper</p> <p>RSQ2</p> <p>Quiz</p> <p>Word Journal</p> <p>ABC summary</p> <p>Peer review</p>
Economics	<p>MicroEconomics</p> <p>Introduction to micro and macro economics,</p> <p>Economic problems, basic</p>	<p>Every student will be able to</p> <p>Categorize different activities in an economy as economic or noneconomic activity.</p> <p>Interrelate micro and macro concepts.</p>	<p>Quiz for Assessment.</p> <p>Create a utility analysis if you had a choice to eat unlimited burgers-classroom activity</p> <p>https://frbatlanta.org</p>	<p>HW from NCERT & Assignment (uploaded in Google Classroom)</p> <p>Oral Questions</p>

	<p>problems, concepts of utility and indifference.</p> <p>Demand-factors, law of demand, changes in demand and changes in factors affecting demand, elasticity of demand, numericals.</p>	<p>Analyse changes that happen when price in the market changes and how the consumer's behaviour changes keeping income given.</p> <p>Identify the concept of Demand Analyse the factors affecting Demand.</p> <p>Represent the movements and Shifts in demand curve diagrammatically Analyse the factors affecting demand Numerical Practice</p>	<p>/education/publications/extra credit/2015/fall/lessons-andactivities/highschool/microeconomics/supply-and-demand-activity-activity sheet</p> <p>To make a list of economic and non-economic activities.</p>  <p>http://teacherlink.ed.usu.edu/tlresources/units/byrnes-literature/LBREEDER/lesson3.html</p>	<p>Short test</p> <p>Class Work</p>
<p>History</p>	<p>Topic: Writing and City Life</p> <p>Concepts:</p> <ul style="list-style-type: none"> ■ Mesopotamian civilization: Sources of information ■ Key features and region under Influence ■ Mesopotamia & its Geography ■ The Significance of Urbanism 	<p>Each student will be able to:</p> <ol style="list-style-type: none"> 1) explain the geographical features of Mesopotamia; 2) evaluate the significance of urbanism in Mesopotamia; 3) name the key cities in Mesopotamia; 4) identify the various stages of urbanization in southern Mesopotamia and categorise cities 	<p>Application activities:</p> <ul style="list-style-type: none"> • Concept Mapping • Deductive Inquiry <p>Practice activities:</p> <ul style="list-style-type: none"> • Collaborative Activity: Through Google slides • Map work 	<p>Assessment Methods:</p> <ul style="list-style-type: none"> • Assignment Questions • Oral questioning • collectively summarizing the key learning • Assessment through Google Form

	<ul style="list-style-type: none"> ■ Movement of Goods into Cities ■ The development, system & uses of writing ■ Urbanisation in Southern Mesopotamia: Temples & Kings ■ Importance of Ur & Mari (urban areas) ■ Legacy of Writing <p>Topic:An Empire Across Three Continents</p> <p>Concepts:</p> <ul style="list-style-type: none"> ■ The Early Empire ■ The Third Century Crisis ■ Gender, Literacy, Culture ■ Economic Expansion ■ Control & Management of Workers ■ Social Hierarchies ■ Late Antiquity 	<p>into trading centres around temples cities as trading centres and imperial cities;</p> <p>5) illustrate the features of the city life in Mesopotamia and compare it with that of an ancient city in Harappa ;</p> <p>6) explain the economic development in the city of Mari;</p> <p>7) evaluate the features of the system of writing in Mesopotamia;</p> <p>8) categorise the features of different ancient scripts</p> <p>9) analyse writing as a feature of Mesopotamian</p> <p>Each student will be able to:</p> <p>1)identify the extent of the Roman Empire;</p> <p>2)compare the Roman and the Iranian empires;</p> <p>3)explain the political history of the Roman Empire;</p> <p>4) elaborate on the importance of the Third Century;</p> <p>5)describe the social and cultural fabric of the Roman society;</p> <p>6)share information on the Roman economy;</p>	<p>Art Integration: Making of Clay tablets using Cuneiform letters</p> <p>Application activities:</p> <ul style="list-style-type: none"> •Concept Mapping •Compare-Contrast Chart •Newspaper activity <p>Practice activities:</p> <ul style="list-style-type: none"> • Question framing • Map work 	<p>Assessment Methods:</p> <ul style="list-style-type: none"> • Assignment Questions • Oral assessment • Participation in class discussion • Worksheet via Google Form
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	<p>Topic:Central Islamic lands Concepts:</p> <ul style="list-style-type: none"> ■ The Rise of Islam in Arabia 	<p>7) give details about the importance of slavery control on workers in the Roman economy; 8)highlight the features of Late Antiquity.</p> <p>Each student will be able to:</p> <p>1)explain the journey of Prophet Muhammad from being a trader to becoming a religion preacher and a political leader; 2)highlight the key factors that contributed to the rise in the popularity of Islam.</p>	<p>Application activities:</p> <ul style="list-style-type: none"> ▪ Interaction & Discussion with an Islamic follower ▪ Interviewing family members about the traditional religious practices 	<p>Assessment Methods:</p> <ul style="list-style-type: none"> • Oral assessment (AMP based) • Contribution to class discussion
Home Science	<p>Introduction to Home Science</p> <p>Understanding Oneself: Adolescence</p> <ul style="list-style-type: none"> ● Who am I? ● Development and characteristics of 	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● Define home science ● Enumerate its importance for both boys and girls ● Suggest possible career opportunities with Home Science. <p>Each student will be able to</p> <ul style="list-style-type: none"> ● Explain the concept of self-esteem and self-identity. ● Outline the changes in 	<p>DISCUSSION: Home Science is much more than just cooking.</p> <p>PRACTICAL: understanding oneself with respect to physical changes and sexual maturity.</p> <p>GROUP DISCUSSION: Adolescence a phase of</p>	<p>Contribution to class discussion</p> <p>Worksheet</p> <p>Worksheet via Google forms</p> <p>Assignment</p>

	<p>self</p> <ul style="list-style-type: none"> ● Influences on identity: biological and physical changes ● Influence of socio-cultural effects on identity ● Influence of emotional changes on identity ● Influence of Cognitive changes on identity. 	<p>self-description from infancy to adolescence.</p> <ul style="list-style-type: none"> ● Describe influence of biological and physical changes on identity of an adolescent ● Recite the emotional changes in the stage. ● Trace the cognitive changes in this age group 	<p>dilemma and disagreements; a phase of “what to do and what not to do”.</p>	
<p>Psychology</p>	<p>17 classes</p> <p>Ch. 1-What is Psychology?</p> <ul style="list-style-type: none"> ● What is psychology? ● What are the branches of psychology? ● Where can psychology be applied? <p>Ch.2-Methods of Enquiry in Psychology</p>	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● Define and conceptualize the term psychology ● Understand the historical development of the field ● Acquaint themselves with branches of psychology, themes of research and application ● Know the relationship between psychology and other disciplines <p>Each student will be able to</p>	<ul style="list-style-type: none"> ● Quiz ● Presentation ● Assignments ● Group Discussion ● Videos <ul style="list-style-type: none"> ● Presentation ● Handouts 	<ul style="list-style-type: none"> ● HW questions ● Quizzes in Google slides ● Tests <ul style="list-style-type: none"> ● HW questions ● Quizzes in Google

	<ul style="list-style-type: none"> ● What is data in psychology? ● What are methods of investigating psychological matter? ● Introduction to methods ● Advantage and limitations of data analysis 	<ul style="list-style-type: none"> ● Understand the goals of psychological enquiry ● Understand the methods used in acquiring psychological data ● Data analysis Know the limitations of psychological enquiry and ethical issues 	<ul style="list-style-type: none"> ● Videos ● Keywords ● Assignments 	<ul style="list-style-type: none"> ● slides ● Research case sample
Fine Arts	<ul style="list-style-type: none"> ● Six limbs of Art and elements of art. ● Prehistoric cave paintings 	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● Students will formulate the notes in theory , and understand the vocabulary / terminology on specific techniques and processes. ● Knowledge about way to see the art and beauty ● This learning helps to develop a strong drawing sense. It will help in every drawing related space . This is the process basics of the visual art techniques. 	<ul style="list-style-type: none"> ● Oral Questioning ● *Online classes through hangout ● *Assignment on google classroom- Q&A, Worksheets ● * Visual observation of paintings to analyze and identify the features 	<ul style="list-style-type: none"> ● *Assignments through google class room ● *Oral questioning ● *Questions and answers

<p>Geography</p>	<p>B-1 Geography As A Discipline</p> <ul style="list-style-type: none"> -Introduction -Emergence -Geography as an integrative discipline -Physical geography and Natural sciences -Geography and social sciences. -Branches of Geography - approach -Branches based on systematic approach -Branches based on Regional geography -Physical geography and its importance <p>Interior Of The Earth</p> <ul style="list-style-type: none"> -sources of information about the interior, -Earth quake -Earthquake waves -Types of earthquakes 	<p>Each student will be able to</p> <p>Recall and recount the nature of geography.</p> <p>Synthesis geography as an Integrative Discipline.</p> <p>Identify the similarities and differences between physical geography and natural sciences. geography and social sciences</p> <p>Examine branches of geography based on systematic approach</p> <p>Examine into branches of geography.</p> <p>Classify the branches based on regional and systematic geography.</p> <p>Appreciate the importance of Physical geography</p> <p>Examine the direct and indirect sources of information about the earth.</p> <p>Define earthquake</p>	<p>Think and Share Mind mapping. Peer tutoring</p> <p>Three minutes writing – write for three minutes about what you learnt</p> <p>https://ciet.nic.in/swayam_geography01_module04.php</p> <p>https://ciet.nic.in/swayam_geography01_module06.php</p>	<p>Oral Questioning</p> <p>Worksheet</p> <p>Assessment sheet Oral Questioning</p> <p>Oral Questioning</p> <p>Worksheet</p> <p>Map skill</p> <p>Assessment sheet</p>
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	<ul style="list-style-type: none"> -measuring earthquake -effects of earthquake -structure of the earth -volcanoes and types -volcanic landforms -intrusive landforms <p>Distribution of Oceans and Continents</p> <ul style="list-style-type: none"> -Continental drift. -Evidence in support of the continental drift. -Forces for drifting. -Ocean floor configuration. - Distribution Earthquakes and volcanoes. -Concept of sea floor spreading -Plate tectonics -Forces for plate tectonics. -Movement of the Indian Plate. 	<p>Understand the types of earthquake waves.</p> <p>Classify the types of earthquake</p> <p>Explain the measuring of earthquake Realise the effects of earthquakes. Explain the three layers of the earth. Classify the types of volcanoes. Identify the volcanic landforms Diff bet intrusive and extrusive landforms</p> <p>Explain the concept of Continental Drift. Analyse the evidences in support of this theory. Explain the force and convectional current theory. Outline the ocean floor relief. Able to identify the distribution of earthquake and volcanoes. Describe sea floor spread</p>	<p>Students will watch the relevant videos Think and share Classroom discussion</p> <p>Presentation with diagrams and maps</p>	<p>Oral Questioning</p> <p>Worksheet</p> <p>Assessment sheet</p> <p>Oral Questioning</p> <p>Worksheet</p> <p>Assessment sheet</p>
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JULY

Subject	Topics Covered/ No. of Periods	Learning Outcome	Activities	Assessments
Mathematics	Trigonometric Functions	<p>Each student will be able to</p> <ul style="list-style-type: none"> *recall the relation between degree and radian. *define one radian. *define a periodic function. * relate trigonometric functions as circular functions. *find the trigonometric ratio over the domain R *list the trigonometric formulae of sum and difference of two angles. *state the C/D and product formulas. *state the half angle formulas. *apply the various formulae in solving questions. *recall the graphs of various trigonometric functions. *define a trigonometric equation. *define principle & general solutions of a trigonometric 	<p>Questions from Assignment on Trigonometry will be discussed.</p> <p>Students will find the condition for the existence of inverse of a function and hence find if the inverse of all trigonometric functions exist or not?(EL)</p> <p>To plot graphs of $\sin x$, $\sin 2x$, $2\sin x$ and $\sin x/2$ (ACTIVITY)</p> <p>Trigonometry in Jantar Mantar (AIL)</p>	<ul style="list-style-type: none"> ● HW from NCERTn& Assignment (uploaded in Google Classroom) ● Oral Questions ● Short test ● Class Work

	<p>Limits & Derivatives</p>	<p>equation. *differentiate between the general and principal solutions. *solve the given trigonometric equations.</p> <p>Each student will be able to</p> <p>* explain the approaching concept on the number line. *define the limit of a function at a point. *perceive the geometrical interpretation of limits. *list the various formulae of limits. *evaluate the limit of algebraic functions using substitution and rationalization methods. * evaluate trigonometric limits using various formulae.</p>	<p>(LA) Discussion on Video seen at home.</p> <p>Solved examples of NCERT read by students at home will help in further solving questions from Exercises.</p> <p>Questions from Assignment on Limits and Derivatives will be discussed.</p>	<ul style="list-style-type: none"> ● HW from NCERT & Assignment (uploaded in Google Classroom) ● Oral Questions ● Short Test ● Google Form ● Class Work
<p>English</p>	<p>Prose</p> <p>The Portrait of a Lady</p>	<p>Each student will be able to</p> <p>Analyse the character of the grandmother.</p> <p>Analyse the relationship between the grandmother and the grandson.</p>	<p>Discussion :</p> <p>The relationship with grandparents.How is it different from that of their relationship with their parents.</p>	<p>Assignment</p> <p>Worksheet</p>

	<p>A Photograph</p> <p>Letter to the Editor</p> <p>We're not Afraid to Die</p>	<p>List the literary devices used in the poem.</p> <p>Apply the rules of the format while writing the answers.</p> <p>Write the answers correctly and meaningfully.</p>	<p>Students will be instructed to find the voice who narrates the poem.</p> <p>Discussion CBSE questions.</p> <p>Discussion CBSE questions.</p> <p>PPT</p>	<p>Classwork and Homework shared in the google classroom</p>
<p>Political Science</p>	<p>Elections and Democracy (9 Classes),</p>	<p>Each student will be able to</p> <ol style="list-style-type: none"> 1. State the importance of Elections 2. Discuss the various methods of election 3. Analyse the role of the Election Commission 4. Discuss the need for reserved Constituencies 5. Suggest electoral reforms <p>Highlight the success of elections in India</p>	<p>Students will watch the relevant videos</p> <p>Think and share</p> <p>Classroom discussion</p> <p>Students will discuss need for electoral reforms in India</p> <p>Group discussion on functions of ECI</p> <p>Peer questioning</p> <p>Concept Mapping</p> <p>Art Integration + Experiential Learning:</p> <p>CREATING A SLOGAN ON INDIAN ELECTIONS</p>	<p>Quiz</p> <p>Assignment</p> <p>Word Journal</p> <p>ABC summary</p>

	<p>Local Self Governments (7 classes)</p>	<p>Each student will be able to</p> <p>1. Define Local Self Govt</p> <p>2. Analyze the need for Local Self Govt</p> <p>3. Trace the history of Local Self Govt</p> <p>4. Discuss the 73rd And 74th amendment</p>	<p>.1 Group Discussion 2. Cooperative review 3.. Think, and share 4. Buzz group Activity. Students will watch film at home and in class they will visualise an ideal village They will brainstorm on need for Local Self Govt ASSESSMENT They will identify key phrases and then summarise defects and success of Local Self Gov</p>	<p>Background Knowledge</p> <p>Probe</p> <p>Worksheet</p> <p>Google form</p> <p>Assessment Methods:</p> <ul style="list-style-type: none"> • Assignment Questions • Oral assessment • Participation in class discussion • Worksheet via Google Form
<p>Economics</p>	<p>What is Economics and Statistics</p> <p>Introduction</p> <p>Collection of Data</p>	<p>Differentiate between Economic and NonEconomic activities.</p> <p>Discuss functions and importance of statistics.</p> <p>Identify sources of Data.</p>	<p>During the day, identify at least 10 activities undertaken by your family members and categorise them into economic and non-economic activities.</p>	<p>Class test</p> <p>Worksheets</p> <p>Google forms</p> <p>Kahoot</p>

	<p>Organization of Data</p> <p>Presentation of Data</p>	<p>Draft a Questionnaire</p> <p>Organize data in the form of individual series and Frequency series</p> <p>Present the data in diagrammatic and Graphical presentation.</p>	 <p>Mind map, group discussion, Brainstorming activities will be used for explaining good and bad impacts of Collected Data.</p> <p>Prepare a questionnaire on CCE vs Board exams in CBSE.</p>	
History	<p>Topic: The Central Islamic Land</p> <p>Concepts:</p> <ul style="list-style-type: none"> ■ The Rise of Islam in Arabia ■ The Caliphate ■ The Umayyads & the Centralisation of Polity ■ The Abbasid Revolution ■ Break - up of the Caliphate & the Rise of Sultanates ■ The Crusades ■ Economy - Agriculture, Urbanisation & Commerce ■ Learning & Culture 	<p>Each student will be able to</p> <ol style="list-style-type: none"> 1) explain the journey of Prophet Muhammad from being a trader to becoming a religion preacher and a political leader; 2) highlight the key factors that contributed to the rise in the popularity of Islam; 3) give details about Caliphate and the contributions of the first 4 caliphates to Islam; 4) describe the rise and features of the Umayyads; 5) discuss the rise and features of the Abbasids; 	<p>Application activities:</p> <ul style="list-style-type: none"> ▪ Reflective Discussion ▪ Random Questioning ▪ Think-n-Share <p>Practice activities:</p> <ul style="list-style-type: none"> ▪ Concept Mapping ▪ In-text Questions <p>Art Integration + Experiential Learning:</p> <ul style="list-style-type: none"> ▪ Sufi music 	<p>Assessment Methods:</p> <ul style="list-style-type: none"> • Assignment Questions • Peer Assessment • Summary Sessions • Assessment through Google Form

		<p>6)identify the causes for the rise of the Sultanates;</p> <p>7)write about the Crusades;</p> <p>8)elaborate on the various aspects of the economy of the Islamic State;</p> <p>9)share information on literary and cultural development in the Islamic tradition.</p>		
Home Science	<p>Food, Nutrition, Health and Fitness</p> <ul style="list-style-type: none"> ● Definition of each term ● Balanced Diet and introduction to RDA ● Food Groups ● Food pyramid <p>Adolescence And Their Eating Patterns</p> <ul style="list-style-type: none"> ● Diet for Adolescent ● Factors influencing eating behaviors, ● Eating disorders. 	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● Define the terms food, nutrition, health, fitness and balanced diet. ● Outline the importance of balanced diet ● List and explain the different types of food groups ● Elaborate on the concept of food pyramid <p>Each student will be able to</p> <ul style="list-style-type: none"> ● List the common dietary patterns followed by an adolescent. ● Highlight the factors influencing eating behavior. 	<ul style="list-style-type: none"> ● Quiz for background knowledge probe ● Random questioning <p>PRACTICAL: Record own diet for a day. Evaluate qualitatively for adequacy.</p> <p>PRACTICAL: Plan and prepare a healthy snack (rich in protein or calcium or iron) for an adolescent. (EL Activity)</p>	<ul style="list-style-type: none"> ● Worksheet via google form ● Assignment ● Worksheet ● Assignment ● Class test <ul style="list-style-type: none"> ● Worksheet via Google form ● Assignment

	<p>Nutrition, Health & Hygiene</p> <ul style="list-style-type: none"> ● Health and its dimensions ● Health indicators ● Nutrients, nutrition and health ● Factors affecting nutritional well being ● Water safety 	<ul style="list-style-type: none"> ● Suggest ways to modify eating habits ● Explain 2 types of eating disorders. <p>Each student will be able to</p> <ul style="list-style-type: none"> ● Discuss the importance of health and its dimensions ● Outline the relationship between nutrition and health ● Identify the consequences of under- and over- nutrition ● Enumerate the functions and deficiency diseases of each nutrient. ● Elaborate on properties of potable water and ways to make water safe to drink 	<p>AIL and EL activity- Prepare a food thali (any cuisine) that has nearly all macro and micro nutrients. Make a small video presentation of the same.</p>	
Psychology	<p>17 classes</p> <p>Ch. 3- The Bases of Human Behavior</p> <ul style="list-style-type: none"> ● What are the biological basis of human behavior? ● How does culture impact behavior? 	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● Understand the biological bases of behaviour ● Know the structure of nervous system and endocrine system and their relationship with behaviour 	<ul style="list-style-type: none"> ● Presentation ● Videos ● Virtual 3 D Tour ● Movie clips ● Group Discussion 	<ul style="list-style-type: none"> ● Homework questions ● Assignments ● Google jamboards ● Art Illustrations

	<ul style="list-style-type: none"> ● How to differentiate between different socialisation processes? <p>Ch.4- Human Development</p> <ul style="list-style-type: none"> ● What is the meaning of development, growth and maturation? ● What are the challenges of different developmental stages? 	<ul style="list-style-type: none"> ● Understand and know the process of enculturation, socialisation and acculturation <p>Each student will be able to</p> <ul style="list-style-type: none"> ● Understand the notion of development ● Understand different life stages like infancy, adolescence, adulthood and old age 	<ul style="list-style-type: none"> ● Presentation ● Videos ● Case Studies ● Group Discussion 	<ul style="list-style-type: none"> ● Essay based questions ● Group Presentations
Fine Arts	<p>Theory-</p> <ul style="list-style-type: none"> ● Indus valley civilization <p>Practical-</p> <ul style="list-style-type: none"> ● Still life drawing with cross hatching and composition. Which refers to understanding rock painting. 	<ul style="list-style-type: none"> ● Archeological reference Pre-Historic location, ● Differentiate Pre - history and historic period on the basis of art form. ● In the practical freehand drawing sense, and composition development 	<ul style="list-style-type: none"> ● Will show the PPT and show online reference. ● Discussion about the history and painting techniques. 	<ul style="list-style-type: none"> ● MCQ ● Short question ● Open book assignment


Geography	Minerals and Rocks -Minerals -Characteristics -Metallic and non-metallic minerals. -Rocks -Types -Rock cycle	Each student will be able to Define minerals List the characteristics of minerals. Differentiate between metallic and non – metallic minerals. Identify the types of rocks and its characteristics. Understand relationship by Rock cycle between the major types of rocks	Diagram skill Think and Share Mind mapping. Peer tutoring	Worksheet Assignment
AUGUST				
Subject	Topics Covered/ No. of Periods	Learning Outcome	Activities	Assessments
Mathematics	Sequences & Series	Each student will be able to *recall the definition of sequence & series. *recall the definition of an A.P and the formula for its nth term. *state the formula for sum of n terms of an A.P *define A.M between two numbers a & b *define a G.P *find the nth term of a G.P	(LA) Discussion on the Video seen at home. Questions from Assignment on Sequences& Series will be discussed. Students will investigate about Fibonacci Series (EL) To demonstrate that the Arithmetic mean of two different positive numbers is always greater than the Geometric	<ul style="list-style-type: none"> ● HW given from NCERT (uploaded in Google Classroom) ● Oral Questions ● Google Form ● Class Work

	<p>Complex Numbers and Quadratic Equations</p>	<p>*state the formula for sum of n terms of a G.P *find the sum to infinity of a G.P</p> <p>Each student will be able to *recognize the need of a system of numbers beyond R *define i. *define a complex number * find the sum, difference, quotient and product of two complex numbers. *list the various properties of addition and multiplication of complex numbers. *define conjugate and modulus of z. *list the properties of modulus and conjugate of z. *recall the methods of solving quadratic equations of class X *find the roots of a quadratic equation with complex coefficients.</p>	<p>mean.(ACTIVITY)</p> <p>(LA) Discussion on topics read from NCERT and Solved examples of NCERT read by students at home will help in further solving questions from Exercises.</p> <p>Questions from Assignment on Complex No & Quadratic Equations will be discussed.</p> <p>Students will find out the application of complex numbers in daily life and discuss . (EL)</p>	<ul style="list-style-type: none"> ● HW from NCERT (uploaded in Google Classroom) ● Oral Questions ● Google Form ● Diksha Practice work <p>https://diksha.gov.in/cbse/play/content/do_313113591667089408132?contentType=PracticeQuestionSet</p>
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English	Albert Einstein at School Poem -The Voice of the Rain (Walt Whitman) Writing Skill: Notice Writing	Each student will be able to Share anecdotes of school life. Read and analyze the lesson. Write speeches on the ideal student, the ideal teacher and the ideal education system. Identify the elements of the water cycle in this poem and in The Song of the Rain studied in class IX. Understand the central theme, poetic devices, literal / connotative meanings. Analyze the relevance of the poem's message in a writer's life Understand the format, content and expression used in a notice.	Share anecdotes of school life. 1)Watch the links: https://www.dawn.com/news/601289/characteristics-of-the-ideal-teacher https://www.aplustopper.com/an-ideal-student-essay/#:~:text=An%20ideal%20student%20is%20one,of%20his%20duties%20and%20responsibilities.&text=An%20ideal%20student%20should%20be,rules%20of%20conduct%20and%20discipline Water Cycle Chart. https://www.noaa.gov/education/resource-collections/freshwater/water-cycle#:~:text=The%20water%20cycle%20shows%20the,form%20of%20rain%20and%20snow Practice different kinds of notices-School event, School	HW from NCERT & Assignment (uploaded in Google Classroom) Google Form Short Test. Worksheet Assignment
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	<p>Discovering Tut</p> <p>Grammar Revision</p>	<p>Comprehend the sequence of points to be listed. Write notices, in the correct style and format.</p> <p>Understand certain aspects of Egyptian culture and customs.</p> <p>Read the lesson to create a timeline for Tut's discoveries.</p> <p>Evaluate archaeology and advanced medical techniques of forensic analysis.</p> <p>Identify the appropriate determiners, articles, modals to be used to fill in the blanks.</p> <p>Write the answers for edits and omits.</p>	<p>trip, Lost and Found, Resident Welfare Association related.</p> <p>PPT</p> <p>Research work: Find out about the various burial methods of the Egyptians and the superstitions related to them.</p> <p>Class Discussion</p>	<p>Revision Worksheet</p>
<p>Political Science</p>	<p>POLITICAL THEORY</p> <p>(7 classes)</p>	<p>At the end of the lesson students will be able to</p> <ol style="list-style-type: none"> 1. Explain the need to study political theory. 2. Discuss the meaning of Politics 3. Suggest how political theory can be put into practice. 4. Analyse how political concepts 	<ol style="list-style-type: none"> 1. Three step Interview 3. Think Pair and Share 4. Mind mapping. 2. Peer tutoring 	<p>Key phrases</p> <p>Nearod activity</p>

	<p>Development</p>	<p>change over</p> <p>At the end of the lesson students will be able to</p> <ol style="list-style-type: none"> 1. Discuss alternative conceptions of Development 2. Assess the social cost of development 3. Discuss how democratic participation can aid development 4. Explain how lifestyle modifications can protect environment 5. Analyze the various models of development – Welfare State Model, Market Model, Developmental Model. 	<p>1 Group presentations</p> <p>2. Technical integration</p> <p>3. Interdisciplinary approach</p> <p>4. Reflective Inquiry</p> <p>Think Pair and Share</p> <p>In pairs students will discuss and think of words they can associate development</p> <p>They will then arrive at a definition</p> <p><u>EXPERIENTIAL LEARNING</u></p> <p>They will draw inferences from photographs</p>	<p>Worksheet (Objective)</p> <p>Quiz</p> <p>ABC summary</p> <p>Peer review</p> <p>Collective summarization</p> <p>Oral quiz</p> <p>Worksheet</p> <p>One Minute paper</p>
	<p>RIGHTs</p>	<p>At the end of the lesson students will</p>		

		<p>be able to</p> <ul style="list-style-type: none"> ● Define Rights ● Trace the history of rights ● Identify sources of Rights ● Establish relationship between legal rights and state ● Highlight the link between rights and responsibilities 	Research Study	Peer Questioning
Economics	<p>Mean Median Mode</p> <p>Do computation of mean.</p> <p>Compute value of Median, Mode, and Quartiles and interpret its result.</p>	<p>Each student will be able to</p> <p>Do computation of mean.</p> <p>Compute value of Median, Mode, and Quartiles and interpret its result.</p>	<p>Newspaper articles on the topics discussed.</p> <p>Find average monthly expenditure for your household.</p> <p>Worksheet</p> <p>Activity to compute the three variables using playing cards.</p> 	<p>Class test</p> <p>Worksheets</p> <p>Google forms</p> <p>Kahoot</p>

<p>History</p>	<p>Topic: The Three Orders</p> <p>Concepts:</p> <ul style="list-style-type: none"> ■ Introduction: To Feudalism ■ France and England ■ The Three Orders ■ The Second Order: The Nobility ■ The Manorial Estate ■ The Knights ■ The First Order: The Clergy ■ Monks ■ The Church & Society ■ The Manorial Estate ■ The Third Order: Peasants, Free & Unfree ■ England ■ Factors affecting Social & Economic Relations ■ The Fourth Order? New Towns & Townspeople 	<p>Each student will be able to</p> <ol style="list-style-type: none"> 1) specify the meaning of 'feudalism'; 2) elaborate on the Three Orders under the feudal system; 3) describe and compare the socio-economic conditions and relations of the Three Orders; 4) differentiate between the clerics and monks; 5) analyse the role and influence of the Church on medieval European society; 6) compare the lives of the peasants and serfs; 7) explain the development of feudalism in England; 8) describe the changes and their resultant effects in the field of agriculture during the time period under study; 9) specify the key features of the cathedrals that came up in medieval Europe; 10) give details about the factors that caused the European crisis of the 14th c. 	<p>Application activities:</p> <ul style="list-style-type: none"> ▪ Discussion ▪ Guided Reading Questions ▪ Graphic Organiser Designing <p>Practice activities:</p> <ul style="list-style-type: none"> ▪ Web Charts ▪ Think-n-share 	<ul style="list-style-type: none"> • Assignment Questions • Listing the key learning • Question Framing Exercise • Building Connections • Assessment through Google Form
<p>Home Science</p>	<p>Management of Resources</p> <ul style="list-style-type: none"> ● Classification of resources 	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● Define the term 'resources' ● Classify Resources 	<p>EL activity: Identify the various resources you use in your day-to-day life. Categorise them into human and non-human</p>	<p>Worksheet</p> <p>Assignment</p>

	<ul style="list-style-type: none"> ● Characteristics of resources ● Steps in management or management process 	<ul style="list-style-type: none"> ● State the characteristics of resources ● Recognize the importance of management ● Apply management process in real life situations. 	<p>resources.</p> <p>Frame a question activity.</p>	
Psychology	<p>18 classes</p> <p>Ch.5-Sensory, Attentional and Perceptual Processes</p> <ul style="list-style-type: none"> ● What is the role of sensory processes in perception? ● What are underlying perceptual processes governing mental processes? ● What is attention? Theories of attention and ways to sustain it 	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● Understand sense modalities and perception ● Define and understand the process of attention and associated theories ● Understand principles of perceptual organization ● Know and recognize illusions and their influence on perception 	<ul style="list-style-type: none"> ● Presentation ● Videos ● Group Discussion 	<ul style="list-style-type: none"> ● Homework assignments ● Short tests ● Art illustrations
Fine Arts	<p>Theory –</p> <ul style="list-style-type: none"> ● Arts of the Mauryan period: ● Post Mauryan Trends in Indian art and Architecture 	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● paraphrase the history of Mauryan art and architecture in India ● describe Important art and architecture ● Incorporate elements of art to 	<ul style="list-style-type: none"> ● *Oral Questioning ● *Online classes through video call ● *Assignment on Google classroom- Q&A, Worksheets ● * Visual observation of the art work to analyze 	<ul style="list-style-type: none"> ● *Assignments through Google classroom ● *Oral questioning *Questions and answers & worksheet and Google forms

	<p>(Buddhist, Jain and Hindu art (3rd century B.C .to 8th century B.C.)</p> <p>Practical- composition -Cityscape</p>	<p>create an art work</p>	<p>and identify the features</p> <ul style="list-style-type: none"> *Individual practice and artwork for making composition on cityscape 	<p>Practical-</p> <ul style="list-style-type: none"> Incorporation of elements of art in a composition Treatment of medium and tools in a composition
<p>Geography</p>	<p>Location And Space Relations</p> <p>-Geographical and cultural India</p> <p>-Political India</p> <p>-Size and extension</p> <p>-India in the Eastern World</p> <p>Drainage System</p> <p>-Drainage,patterns,classificati on</p> <p>– drainage systems –himalayan and peninsular rivers,-Indus ,ganga and</p>	<p>Each student will be able to</p> <p>Define location and space relations of India</p> <p>Discuss geography and cultural India</p> <p>Examine the location of India in the eastern world</p> <p>Trace the route Himalayan and peninsular Rivers</p> <p>Define the term river Regime</p> <p>Diff bet Himalayan and peninsular river system.</p>	<p>Map based teaching</p> <p>Map – India states and union territories</p> <p>Audio – visuals</p> <p>Video(s)(downloaded & saved</p> <p>Map – Location of India in the eastern world</p> <p>Research on</p> <ol style="list-style-type: none"> 1.Periyar diversion scheme 2.Kurnool – cuddapah canal 3.Beas – satluj link canal 4.Ganga – kaveri link canal 	<p>Google Forms</p> <p>Worksheet</p> <p>HOME ASSIGNMENT</p> <p>GOOGLE FORM</p>

	Brahmaputra system -River system of peninsular drainage, small rivers of east and west - River Regimes Usability of Rivers Flood prone Areas	List problem in using river water why are rivers polluted?		
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SEPTEMBER

Subject	Topics Covered/ No. of Periods	Learning Outcome	Activities	Assessments
Mathematics	Linear Inequalities	<p>Each student will be able to</p> <ul style="list-style-type: none"> *recall the concept of linear equations *define a linear inequality. *list the rules of solving a linear inequation in one variable. *recall the method of plotting lines on a graph sheet. *explain the method of graphical solution of linear inequations in two variables. *define reference point, feasible solution and feasible region. 	<p>(LA) Extra questions based on Graphical and Algebraic methods will be done.</p> <p>Explore about Real world Inequalities (EL)</p> <p>To verify that the graph of a given inequality ,say $5x+4y-40<0$, of the form</p>	<ul style="list-style-type: none"> ● HW given from NCERT(uploaded in Google Classroom) ● Oral Questions ● Google Form

	<p style="text-align: center;">Straight Lines</p>	<p>*solve a system of linear inequalities using Graphical method.</p> <p>Each student will be able to</p> <p>*define the inclination of a line. *define the slope of a line. *find the slope of a line using various formulas *list the various forms of equations of line. *find the equation of a line using the various forms of line. *calculate the distance of a point from a line. *define concurrency of lines * interpret the given data to form the equation of line.</p> <p>Each student will be able to</p>	<p>$ax+by+c<0$, $a,b>0$, $c<0$ represents only one of the two half planes. (ACTIVITY)</p> <p>Draw a Rangoli pattern using the Kolam art form of South India. (AIL)</p> <p>Questions from Assignment will be discussed</p>	<ul style="list-style-type: none"> ● HW given from NCERT (uploaded in Google Classroom) ● Oral Questions ● Google Form
	<p style="text-align: center;">Limits & Derivatives (contd)</p>	<p>*define derivative of a function at a point. *relate to the geometrical interpretation of derivatives. *evaluate derivatives using the method of first principle. *list the formulae of derivatives of</p>	<p>Relate the concept of derivatives to other branches of science and Economics (EL)</p> <p>To verify the geometrical interpretation of Derivatives (ACTIVITY)</p>	<ul style="list-style-type: none"> ● HW from NCERT & Assignment (uploaded in Google Classroom) ● Google Form ● Short Test

		<p>some standard functions.</p> <p>*explain the concept of chain rule, quotient rule and product rule.</p> <p>*apply the above learnt concepts in differentiating various functions.</p>		
English	<p>ASL –Listening Skills Assessment (TERM1)</p> <p>ASL-Speaking Skills Assessment(TERM 1)</p> <p>Report writing- Magazine and Newspaper</p> <p>Poem: Childhood</p>	<p>Each student will be able to</p> <p>Listen to the audio carefully and answer the questions given in the worksheet.</p> <p>Speak fluently and effectively, on the topics given.</p> <p>Describe the event in a formal and concise manner.</p> <p>Write a report according to the appropriate format and style.</p> <p>List down the content required for report writing. Identify the Understand perspectives of parents & children (VALUE).</p> <p>Analyze the poems to identify the key elements. Judge the poem from a girl's</p>	<p>Audio file followed by a worksheet.</p> <p>Speaking Activity</p> <p>Explanation and discussion of samples through screen sharing.</p> <p>Charts and other stationery for the Childhood Tree.</p> <p>Sample critical appreciation.</p>	<p>Worksheet</p> <p>Assignments</p> <p>Worksheet</p> <p>Classwork</p>

	Writing Skill: Debate	<p>perspective (GENDER).</p> <p>Analyze the poem to identify the key elements.</p> <p>Understand and discuss why childhood is regarded as the best years of one's life.</p> <p>Identify the poetic devices used.</p> <p>Justify the relevance of the title.</p> <p>Understand the format, content and expression used in debate writing.</p> <p>Write debates- for/against the topic.</p>	<p>Watch the link given below:</p> <p>https://oueducare.com/education/general-characteristics-of-childhood/</p> <p>Write a debate based on the necessity of a proper environment while growing up for a child.</p>	Assignment
Political Science	EXECUTIVE (7 classes)	<ol style="list-style-type: none"> 1. Classify the Executives 2. Critically analyse the role of the President of India. 3. Discuss the powers and functions of the Prime Minister. 4. Highlight the role of the Cabinet. 5. Distinguish between permanent and 	<ol style="list-style-type: none"> 1.. Guided reading 3. Group Presentations 4. Identification of key phrases 	<p>Google Form</p> <p>Blended Learning</p> <p>Case studies</p>

	<p>LEGISLATURE (7 classes)</p>	<p>political executives</p> <p>6. Discuss the role of the president of India.</p> <p>Every student will be able to:</p> <p>1. Define bicameralism</p> <p>2. Explain merits and demerits of bicameralism</p> <p>3. Discuss the role of legislatures</p> <p>4. Compare the role of Rajya Sabha with Lok Sabha</p> <p>5. Debate on declining role of legislatures.</p> <p>6. Identify the instruments of</p>		
<p>Economics</p>	<p>Cost</p> <p>Revenue</p> <p>Production function and Returns to a Factor Cost and Revenue</p>	<p>Each student will be able to</p> <p>Identify cost and revenue</p> <p>Discuss the different types of costs and revenues.</p> <p>Derive the condition for equilibrium at the</p>	<p>Electricity Bills to elicit the concept of fixed cost and variable cost.</p> <p>Survey to be conducted by students to assess the cost and revenue</p>	<p>Class test</p> <p>Worksheets</p> <p>Jamboards</p>

		<p>producer's level.</p> <p>Derive the relationships between different costs and total revenue and marginal</p> <p>Calculate the different costs and revenue applying the formulae.</p> <p>Numericals</p>	<p>https://frbatlanta.org/education/publications/extra-credit/2015/fall/lessons-and-activities/highschool/microeconomics/supply-and-demand-activity-activity-sheet</p> <p>http://teacherlink.ed.usu.edu/tlresources/units/byrnes-literature/LBREEDER/lesson3.html</p> <p> $\text{PROFIT} = \text{REVENUE} - \text{COST}$ </p>	
History	<p>Topic: Changing Cultural Traditions</p> <p>Concepts:</p> <ul style="list-style-type: none"> ■ The Revival of Italian Cities ■ Universities And Humanism ■ The Humanist View of History <p>Concepts:</p> <ul style="list-style-type: none"> ■ Science & Philosophy: The Arab's Contribution ■ Artists & Realism ■ Architecture ■ The First Printed Books ■ A New Concept of Human Beings 	<p>Each student will be able to</p> <ol style="list-style-type: none"> 1) state the causes for the revival of the Italian cities; 2) explain the meaning of Humanism and how it spread in Europe 3) state the causes for the revival of the Italian cities; 4) explain the meaning of Humanism and how it spread in Europe; 5) elaborate on the effects of Humanism on art, architecture and books; 6) highlight the influence of humanism on women 	<ul style="list-style-type: none"> ▪ Guided Reading Questions ▪ Working around a given question ▪ Think-n-share ▪ Concept mapping ▪ Brainstorming <p>Practice activities:</p> <ul style="list-style-type: none"> ▪ Guided Reading Questions ▪ Working around a given question 	<ul style="list-style-type: none"> • Oral Assessment ▪ Tell me why/how? • Assignment Questions • Oral Assessment ▪ Tell me why/how? ▪ Tableau Set - up ▪ Peer Assessment • Assessment through Google Form

	<ul style="list-style-type: none"> ■ The Aspirations of Women 			
Home Science	Nutrition, Health and Wellbeing <ul style="list-style-type: none"> ● During infancy- Nutritional needs, Breastfeeding, Weaning foods, Immunization, Problems in infants ● During pre-school stage: Nutritional needs, Healthy eating, Feeding CWSN, Immunization ● For school-going children- Nutritional needs, Diet planning, Factors affecting diet 	Each student will be able to <ul style="list-style-type: none"> ● Describe the nutritional needs of children at different stages of development ● Plan balanced meals for children ● Elaborate on the food habits ● Outline health and nutritional problems of children ● Describe the immunization schedule that is suitable for them 	AIL activity- Prepare a weaning food for a 7 month old infant. Quiz during class	Worksheet via google forms Assignment Participation in class discussion
	Health & Wellness <ul style="list-style-type: none"> ● Health parameter like BMI 	Each student will be able to <ul style="list-style-type: none"> ● Outline the importance of health and fitness 	GROUP ACTIVITY: COVID has brought social distancing in our life. But that has led to isolation, loneliness, stress and anxiety.	Worksheet Assignment

	<ul style="list-style-type: none"> ● Fitness ● Wellness and its dimensions ● Stress and coping with it <p>Family Income And Income Management</p> <ul style="list-style-type: none"> ● Financial management ● Types of family income ● Family budget and formulations ● Record of expenses 	<ul style="list-style-type: none"> ● Explain the health concerns and challenges during adulthood ● Describe the concept of wellness ● Describe the steps to promote good health <p>Each student will be able to</p> <ul style="list-style-type: none"> ● Understand the meaning and concept of financial management ● Know the different types of family income ● Explain the steps of making family budget 	<p>Outline the importance of mental health through any medium of art. (ALL activity)</p> <ul style="list-style-type: none"> ● Case study based questions ● Budget planning ● Concept mapping 	<ul style="list-style-type: none"> ● Practical work evaluation ● Worksheet ● Assignment <ul style="list-style-type: none"> ● Muddiest point ● Worksheet ● Assignment
<p>Psychology</p>	<p>16 classes</p> <p>Ch.6- Learning</p> <ul style="list-style-type: none"> ● What is the nature of learning? ● What are the key theories of learning? ● What are the types of learning? 	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● Define and understand learning and its definitions ● Understand classical and operant conditioning ● Know observational, cognitive and verbal learning ● Understand learning disabilities 	<ul style="list-style-type: none"> ● Quiz ● Presentation ● Videos ● Group Discussion 	<ul style="list-style-type: none"> ● Homework assignments ● Quiz on google slides

	<ul style="list-style-type: none"> • What are learning disabilities? • How to apply learning principles in daily life? <p>17 classes</p> <p>Ch. 7- Human Memory</p> <ul style="list-style-type: none"> • What is memory? • What are the types of memory? • How is memory classified? • What are the ways to enhance memory? 	<p>Each student will be able to</p> <ul style="list-style-type: none"> • Understand memory and its types • Classify types of memories • Understand forgetting and its theories • Know ways of enhancing memory 	<ul style="list-style-type: none"> • Group Discussion • Presentation • Videos • Flowchart 	<ul style="list-style-type: none"> • Homework assignments • Art illustrations
Fine Arts	<p>Theory –Temple architecture and sculpture :</p> <p>Early temples Nagara temples Dravida temples Revision for term -1 Practical- composition on</p>	<p>Each child will be able to :</p> <ul style="list-style-type: none"> • Summarize early temples in India and features of temple architecture • Difference between Nagara and Dravida temples. 	<ul style="list-style-type: none"> • Oral Questioning • *Online classes through video call • *Assignment on Google classroom- Q&A, Worksheets • * Visual observation of the art work to analyze 	<ul style="list-style-type: none"> • *Assignments through Google classroom • *Oral questioning *Questions and answers & worksheet and Google forms

	festival		<p>and identify the features</p> <ul style="list-style-type: none"> • *Individual practice and artwork for making composition on festival celebrations 	<p>Practical-</p> <ul style="list-style-type: none"> • Incorporation of elements of art in a composition • Treatment of medium and tools in a composition
Geography	<p>Composition and Structure of Atmosphere</p> <p>Composition of ATmosphere</p> <p>Structure of Atmosphere</p> <p>Elements of weather and climate</p> <p><u>Solar Radiation, Heat Balance and Temperature</u></p> <p>Solar Radiation</p> <p>-Variability of Insolation at the surface of earth.</p>	<p>Each student will be able to</p> <p>Discuss the composition of the Atmosphere.</p> <p>Reason importance of gases ,water vapour and dust particles as important variables of Atmosphere</p> <p>Describe the structure of Atmosphere</p> <p>List elements of weather and climate</p> <p>Each student will be able to</p> <p>Describe Insolation</p> <p>and its variability at the surface of earth.</p> <p>Understand the impact of heating and cooling of Atmosphere</p>	<p>Guided Reading Questions</p> <p>Focused listing</p> <p>http://study.com/academy/lesson/the-structure-of-the-atmosphere.html</p> <p>Diagram skill</p> <p>Application activities:</p> <ul style="list-style-type: none"> ▪Discussion ▪Guided Reading Questions ▪Graphic Organiser 	<p>Google form for ch-15, and 16</p> <p>worksheet</p> <p>Oral testing</p> <p>Worksheet</p> <p>Google Forms</p> <p>Worksheet</p> <p>EXP LEARNING</p> <p>Tabulate the temperature data for at least 15 days.</p>

	<ul style="list-style-type: none"> -Heating and cooling of Atmosphere. -Terrestrial Radiation -Heat Budget of the planet Earth -Factors controlling Temperature -Distribution of Temperature 	<p>Conduction , convection , radiation And advection.</p> <p>Differentiate between terrestrial radiation and Insolation</p> <p>Describe Heat budget</p> <p>Examine Temperature and factors affecting it.</p> <p>Discuss the distribution of temperature.</p>	<p>Practice activities</p> <p>Audio – visuals</p> <p>Video(s)(downloaded & saved</p>	<p>Calculate mean monthly temperature</p> <p>Inquiry based learning</p>
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OCTOBER

Subject	Topics Covered/ No. of Periods	Learning Outcome	Activities	Assessments
Mathematics	REVISION FOR MID TERM- EXAMINATION	<p>4-8 Oct- Practical exams</p> <p>13- 18 Oct- Dussehra break</p> <p>20/21 Oct- Mid term begin</p>		
English	The Laburnum Top	Each student will be able to	1) Collaborative learning - Link it	

	<p>Birth</p> <p>Writing Skill: Job Application and biodata</p> <p>The Ailing Planet</p>	<p>Understand the central theme, poetic devices, literal / connotative meanings.</p> <p>Analyze the relevance of the poem's message in a writer's life.</p> <p>Understand the meaning of the poem and its relevance in life.</p> <p>Answer the questions correctly.</p> <p>Analyse a doctor's role in the process of delivery.</p> <p>Write a job application with proper format, content and expression.</p> <p>Write grammatically accurate language in the letter.</p> <p>State qualifications and work experience in a concise manner.</p> <p>Realise the importance of the environment.</p>	<p>to the poem,'The Voice of the Rain'.</p> <p>2) Read the information in the link given below:https://www.toppr.com/guides/english/english-hornbill/the-laburnum-top-summary/</p> <p>Session with doctor on the most difficult / important case of their career and the accountability each case levies.Video based group discussion.</p> <p>Background reading – Citadel– the story thus far.Identification of key themes and resolving the question bank in Groups.</p> <p>PPT</p> <p>Learning to harvest water, set up a recycle bin at home and reuse waste materials.</p> <p>Understanding and analyzing the need for resources and sustainable</p>	<p>Worksheet</p> <p>Assignments</p> <p>Google classroom</p> <p>Assignment</p>
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	Reading Skills: Comprehension	Answer the questions correctly and meaningfully.	development.Working in groups to create reusable items from waste materials. Brainstorming sessions on passages given for practice	Assignment
Political Science	LEGISLATURE (CONTD) 4-8 Oct- Practical exams 13- 18 Oct- Dussehra break 20/21 Oct- Mid term begin			
Economics	REVISION FOR MID TERM-EXAMINATION 4-8 Oct- Practical exams 13- 18 Oct- Dussehra break 20/21 Oct- Mid term begin	REVISION FOR MID TERM-EXAMINATION 4-8 Oct- Practical exams 13- 18 Oct- Dussehra break 20/21 Oct- Mid term begin	REVISION FOR MID TERM-EXAMINATION 4-8 Oct- Practical exams 13- 18 Oct- Dussehra break 20/21 Oct- Mid term begin	REVISION FOR MID TERM-EXAMINATION 4-8 Oct- Practical exams 13- 18 Oct- Dussehra break 20/21 Oct- Mid term begin
History	REVISION FOR MID TERM-EXAMINATION Practical exams	REVISION FOR MID TERM-EXAMINATION Practical exams	-----	-----
Home Science	REVISION FOR MID TERM-EXAMINATION			

	4-8 Oct- Practical exams 13- 18 Oct- Dussehra break 20/21 Oct- Mid term begin			
Psychology	Practicals <ul style="list-style-type: none"> 1 Project and 1 Experiment based on CBSE guidelines 	Written material	Written material	Written material
Fine Arts	REVISION TERM 1 EXAM	REVISION TERM 1 EXAM	REVISION TERM 1 EXAM	REVISION TERM 1 EXAM
Geography	Atmospheric Circulation and Weather System -Atmospheric Pressure -Vertical and Horizontal distribution of Pressure. -World distribution of Pressure -Factors affecting the velocity and direction of wind General circulation of the Atmosphere -Types of winds Air mass, fronts, cyclones, Tornadoes	Define Pressure. Explain the vertical and horizontal distribution of Pressure Examine the world distribution of Pressure. Examine the factors affecting velocity and direction of wind Explain the circulation of atmosphere Identify winds and its types. Define Air masses, fronts, cyclones, and tornadoes.	Bloom's Taxonomy questions which will test the higher order thinking skills Concept Map	Worksheet Assignment Questions ▪Identifying and listing the key words



	<p>REVISION FOR MID TERM- EXAMINATION</p> <p>4-8 Oct- Practical exams 13- 18 Oct- Dussehra break 20/21 Oct- Mid term begin</p>	And differentiate it from each other.		
NOVEMBER				
Subject	Topics Covered/ No. of Periods	Learning Outcome	Activities	Assessments
Mathematics	Conic Sections	<p>Each student will be able to</p> <p>*analyze a conic section as a section of double-napped cone. *define a conic section. *list the various types of conic sections. *recognize the standard equation of various conic sections. * define a circle. * find radius and circle of a given circle using its equation. * form the equation of a circle using</p>	<p>Students will identify the various conic sections around them (EL)</p> <p>An alternative method of constructing a parabola. (ACTIVITY)</p>	<ul style="list-style-type: none"> ● ·HW given from NCERT (uploaded in Google Classroom) ● Oral Questions ● Google Form ● <u>Diksha Practice Work</u> <p>https://diksha.gov.in/cbse/play/content/do_31310774832458956813582?contentType=PracticeQuestionSet</p>

	Permutations & Combinations	<p>the various conditions given.</p> <p>*define centre, vertex, latus rectum, vertex, focus for a Parabola.</p> <p>*define major and minor axis, transverse and conjugate axis.</p> <p>*apply the knowledge gained in finding the vertex, foci, centre length of latus rectum, length of axis of ellipse and hyperbola.</p> <p>Each student will be able to</p> <p>*state the fundamental principle of Addition / Multiplication</p> <p>*define permutation.</p> <p>*find the number of permutations of n different objects with or without repetition.</p> <p>*find the number of permutations when all the objects are not distinct objects.</p>	<p>To construct a Pascal's Triangle and to write binomial expansion for a given +integral exponent. (ACTIVITY) (LA)</p> <p>Solved examples of NCERT read by students at home will help in further solving questions from Assignment and NCERT</p>	<ul style="list-style-type: none"> ● HW given from NCERT (uploaded in Google Classroom) ● Oral Questions ● Google Form ● Diksha Practice work https://diksha.gov.in/cbse/play/content/do_3131142373369282561342?contentType=PracticeQuestionSet
English	Prose –Ranga’s Marriage	<p>Each student will be able to</p> <p>Enact key scenes based on reading done at home (FLIPPED).</p> <p>Analyze the lesson to resolve the</p>	<p>Watch the link given below:</p> <p>https://timesofindia.indiatimes.com/astrology/others/benefits-of-love-marriage/articleshow/682058</p>	<p>Worksheet</p> <p>Assignments</p>

	<p>Play –Mother’s Day</p>	<p>question bank.</p> <p>Evaluate the status and definition of mothers in the 21st Century. (GENDER)</p> <p>Understand the pivotal role mothers’ play in a family set-up.</p>	<p>87.cms</p> <p>Collaborative learning (enactment).</p> <p>Buzz sessions to solve the question bank.</p> <p>Linguistic task based on retrospection.</p> <p>Accepting different members of the family with their unique characteristics like different coloured gems in a packet.</p>	<p>Google classroom</p>
	<p>Writing Skill-Speech</p>	<p>Write a speech according to the appropriate format.</p> <p>Understand the content required for a speech.</p> <p>List the key points to be written in a speech.</p>	<p>PPT</p> <p>Samples explained and discussed through screen sharing.</p>	<p>Worksheet</p>
	<p>Play – The Browning Version.</p>	<p>Identify the flow of plot, character traits and theme of the play.</p> <p>Understand new terms unfamiliar in the Indian Education System.</p> <p>Analyze and evaluate the role of teachers’ in a student’s life</p>	<p>1)Debate – Science gets all the slackers</p> <p>OR</p> <p>Frank would have been a better teacher for Taplow.</p>	

			Experiential Learning: Interview your favourite teacher in school on an ideal student-teacher relationship. Note down why you like him/her the most.	
Political Science	JUDICIARY (8 classes)	<p>Every student will be able to:</p> <ol style="list-style-type: none"> 1. Discuss the need for an independent Judiciary 2. Explain the constitutional provisions that ensure an Independent Judiciary in India 3. Analyse the functions of Supreme Court 4. Discuss the importance of Public Interest litigation 5. Debate on Role of Supreme Court. 6 Judicial Overreach 	<p>Think pair and share activity on affirmative action followed by a debate.</p> <p>ASSESSMENT</p> <p>Bloom's Taxonomy questions which will test the higher order thinking skills</p> <p>Concept Map</p> <p>Reaction Sheets</p> <p>Experiential</p> <p>Discussion of any personal injustice they have experienced</p> <p>Small group discussion</p> <p>Think pair and share</p> <p>Small Group interaction</p> <p>KWL sheet</p> <p>Fish Bowl discussion</p> <p>Activity based on photographs</p> <p>Practice activities:</p> <ul style="list-style-type: none"> ▪ Concept Mapping 	<p>Assignment Questions</p> <ul style="list-style-type: none"> • Listing the key learning • Question Framing Exercise <p>Google Form</p> <p>Worksheet</p> <p>Categorizing Grid</p> <p>Quiz</p> <p>Worksheet</p>

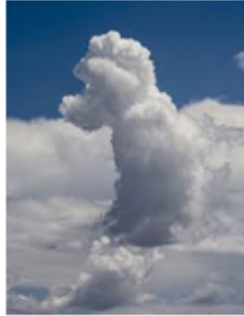
	EQUALITY (8 classes)	<p>.At the end of the lesson students will be able to</p> <ol style="list-style-type: none"> 1. Distinguish between various types of equality 2.Explain the idea of feminism an of socialism 3. Suggest ways of promoting equality 4. Explain Affirmative action 	<p>▪Worksheet.</p> <p>Three step Interview</p> <ol style="list-style-type: none"> 3. Think Pair and Share 4. Mind mapping. 2. Peer tutoring <p>Practice activities:</p> <ul style="list-style-type: none"> ▪Concept Mapping ▪Worksheet. <p>Question Framing</p>	<p>Concept Maps</p> <p>Directed Paraphrasing</p> <p>Student-Generated Test Questions</p>
Economics	Standard Deviation, Correlation	<p>Each student will be able to</p> <p>Calculate standard deviation. Compute correlation by karl pearson's method</p>	<p>http://www.blog.gurukpo.com/wp-content/uploads/2012/04/Methods-of-Determining-Correlation.jpg</p> <p>Activity based learning</p>	<p>Class test</p> <p>Worksheets</p> <p>Google forms</p>

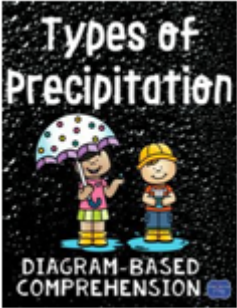

			 <p>Standard Deviation</p>	
	<p>Supply</p> <p>Supply Concept, Supply schedule, function Law of Supply Price Elasticity</p>	<p>Each student will be able to</p> <p>Analyse changes that happen when price in the market changes and how the producer's behaviour changes keeping income given. Identify the concept of Supply Analyse the factors affecting Supply. Represent the movements and Shifts in supply curve diagrammatically Analyse the factors affecting supply Numerical Practice</p>	<p>http://www.tutor2u.net/economics/reference/theory-ofsupply https://frbatlanta.org/education/classroom/economist/infographics/supply-anddemand/fullview.aspx https://youtu.be/lqD Wi8p2CuU</p> 	<p>Class test</p> <p>Worksheets</p> <p>Jamboards</p>
History	<p>Topic: Changing Cultural Traditions (Contd.)</p> <p>Concepts:</p> <ul style="list-style-type: none"> ■ Debates within Christianity ■ The Copernican Revolution ■ Was there a European 'Renaissance' in the 14th C? 	<p>Each student will be able to</p> <p>1) describe the debates between the Church & Humanists in the Renaissance; 2) reason out the revolutionizing trait of Copernican Theory; 3) share the variations in opinions on the 14th century being a period of European</p>	<p>Application activities:</p> <ul style="list-style-type: none"> ▪ Think-square-share ▪ Guided reading 	<ul style="list-style-type: none"> ▪ Question chain ▪ Reflections ▪ Random questioning (using AMP Box)

	<p>Topic: Displacing Indigenous Peoples</p> <p>Concepts:</p> <ul style="list-style-type: none"> ■ European Imperialism ■ North America – The Native Peoples ■ Encounters with Europeans 	<p>Renaissance.</p> <p>Each student will be able to</p> <p>1) share the sources of information on the indigenous people of N.America & Australia;</p> <p>2) discuss the reasons behind and key features of the expansion of European rule in America, Asia & Africa;</p> <p>3) elaborate on the native American Culture and the European influence on them;</p>	<p>Questions</p> <p>Practice activities:</p> <ul style="list-style-type: none"> ▪Worksheet ▪ ‘Act it out! ’ ▪Question Framing 	<ul style="list-style-type: none"> ▪Stating a “Did you know?” fact
<p>Home Science</p>	<p>Savings And Investments</p> <ul style="list-style-type: none"> ● Meaning of saving and investment ● Principles of investment ● Enumerate the features and advantages of various bank investment schemes, insurance and PF schemes 	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● Define meaning of savings and investments ● List the various bank schemes in which money can be investment ● Compare the different schemes based on their pros and cons ● Elaborate the principles of investment 	<p>Activity: Discuss with your parents about various investment schemes in which they have invested their money. Ask the reason for the choice of investment scheme.</p> <p>Learning to fill a cheque</p>	<p>Worksheet</p> <p>Assignment</p>

	<p>Survival, Growth And Development</p> <ul style="list-style-type: none"> • Growth and development • Domains of development- physical, motor, social, cognitive, emotional, social • Stages of development • Development in different domains across age 	<p>Each student will be able to</p> <ul style="list-style-type: none"> • Explain survival, growth and development • Differentiate between growth and development • Elaborate on the characteristics of different domains of development at each stage of life till adolescence • Outline developmental milestones 	<p>AIL activity: Relive your childhood: To develop a scrap book or video or presentation with pictures, anecdotes from parents, grandparents or siblings to trace your phase of infancy.</p>	<p>Worksheet</p> <p>Assignment</p>
Psychology	Revision	Revision	Revision	Revision
Fine Arts	<p>Temple Sculpture & Bronzes</p> <ul style="list-style-type: none"> • Artistic aspects of Indian Temple sculpture <p>Introduction to Temple Sculpture</p>	<p>Each student will be able to</p> <ul style="list-style-type: none"> • They will learn the temple name and architectural detail and philosophical context of the temple sculpture . • Cause of Different sculpture in the temple area , Iconography 	<ul style="list-style-type: none"> • Showing online reference • Group discussion • Showing PPT • Create word Game 	<ul style="list-style-type: none"> • MCQ game to identify the terminology • Assignment

	<ul style="list-style-type: none">● Study and appreciation of following :Temple-Sculptures:● i. Descent of Ganga Mahabalipuram, Tamil Nadu.● ii. Trimuti (Elephanta, Maharashtra) Stone Circa 9th Century A.D.● iii. Lakshmi Narayana (Kandariya Mahadev Temple)● iv. Cymbal Player, Sun Temple (Ganga Dynasty, Konark, Orrisa)● v. Mother and Child (Vimal-Shah Temple, Solanki Dynasty, Dilwara, Mount Abu; Rajasthan) white marble, Circa 13th	Structural sense etc .		
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	Century A.D			
Geography	<p>Atmospheric Circulation and Weather System</p> <p>cont:</p> <p><u>WATER IN THE ATMOSPHERE</u></p> <ul style="list-style-type: none"> -Humidity and its type -Evaporation and condensation -Types of condensation <p>Types of clouds.</p> <ul style="list-style-type: none"> -Precipitation -Types of rainfall -World distribution of rainfall 	<p>Each student will be able to</p> <p>Define humidity and its types, Differentiate between evaporation and condensation, Describe the types of condensation Classify the types of clouds. Define the term precipitation Classify the types of Rainfall. Discuss the world distribution of precipitation Define Pressure. Explain the vertical and horizontal distribution of Pressure Examine the world distribution of Pressure. Examine the factors affecting velocity and direction of wind Explain the circulation of atmosphere Identify winds and its types. Define Air masses, fronts, cyclones, and tornadoes. And differentiate it from each other.</p>	 <p>Natures best poetry - photoshop / slide show - TYPES OF CLOUD</p> <p>Exp - learning</p> <p>https://www.internetgeography.net/topics/what-is-convectioal-rainfall</p>	<p>Google Forms Worksheet</p> <p>Assignment Questions</p> <ul style="list-style-type: none"> ▪Identifying and listing the key words <p>Google Forms Worksheet</p>

	<p>Movements of Ocean</p> <p>Water</p> <ul style="list-style-type: none"> -Waves -Characteristics -Tides -Types -Ocean currents - movement <p><u>Biodiversity and Conservation</u></p> <ul style="list-style-type: none"> -Biodiversity -Three levels -Importance 	<p>Each student will be able to</p> <p>Define the term Tide.</p> <p>Classify the types of tides.</p> <p>Define ocean current.</p> <p>Classify the types of ocean currents.</p> <p>Trace the major ocean currents. and realize its effects</p> <p>Define biodiversity?</p> <p>Examine three levels of biodiversity</p> <p>Highlight their importance.</p> <p>Discuss –ecological , economic , and scientific roles of biodiversity</p> <p>Reason for the loss of biodiversity</p> <p>Explain classification</p> <p>Suggest the strategies for the</p>	<p>EXPERIENTIAL LEARNING</p> <p>Assessing – Locational skill</p> <p>Collect the names of national parks , sanctuaries and biosphere reserves of the state and show their location on the map of India?Also find out which animals are found?</p>	  <p>HW given from NCERT (uploaded in Google Classroom)</p> <p>Oral Questions</p>
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	<p>-Three roles</p> <p>-Loss of biodiversity</p> <p>-IUCN –Classification</p> <p>-Conservation of biodiversity</p>	<p>conservation of biodiversity</p>	<p>Discussion</p> <p>. Technical integration</p> <p>.Interdisciplinary approach</p> <p>Reflective Inquiry</p> <p>Think Pair and Share</p>	<p>Google form for ch- 16</p> <p>worksheet</p> <p>Oral testing</p> <p>. HW given from NCERT (uploaded in Google Classroom)</p> <ul style="list-style-type: none"> ● Oral Questions ● Google Form
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H.W ,C.W and worksheet


DECEMBER

Subject	Topics Covered/ No. of Periods	Learning Outcome	Activities	Assessments
Mathematics	Permutations & Combinations	Each student will be able to *define a combination. *differentiate btw P & C * apply the various formulas of Pand C in solving statement Questions.	(LA) Solved examples of NCERT read by students at home will help in further solving questions from Assignment and NCERT Few questions from Assignment on Permutations & Combinations will be discussed. Who was the first Indian Mathematician to deal with the concept of P&C.	<ul style="list-style-type: none">● HW given from NCERT (uploaded in Google Classroom)● Oral Questions● Google Form● Diksha Practice work <p>https://diksha.gov.in/cbse/play/content/do_3131142373369282561342?contentType=PracticeQuestionSet</p>
	Probability	Each student will be able to *recall the concept of probability *recall the definition of random experiment, sample space *write the sample space of a	(LA) Discussion on the Video seen at home. To write the sample space, when a coin is tossed once, two	<ul style="list-style-type: none">● HW given from NCERT (uploaded in Google Classroom)

		<p>random experiment</p> <p>*list the various kinds of events mutually exclusive and exhaustive events.</p> <p>*prove events to be mutually Exclusive or exhaustive.</p> <p>*express the formulae for probability of an event.</p> <p>*state the Addition formulae of probability</p> <p>*apply the concepts learnt in solving problems.</p>	<p>times, three times and four times. (ACTIVITY)</p>	<ul style="list-style-type: none"> • Quiz • Diksha Practice Work <p>https://diksha.gov.in/cbse/play/content/doi/31311334091370496011758?contentType=Pr</p>
English	<p>Silk Road</p> <p>Poem: Father to Son</p>	<p>Each student will be able to</p> <p>Interpret the meaning, theme of the lesson.</p> <p>Appreciate the development of characters through the course of the story..</p> <p>Write meaningful textual answers.</p> <p>Understand and discuss why childhood is regarded as the best years of one's life.</p>	<p>Buzz sessions</p> <p>Sessions on what's a travelogue , contents of a travelogue -PPT(Collaborative and Experiential Learning).</p> <p>1)Spatial Linguistic Task (the childhood tree)</p> <p>2) Read the information given</p>	<p>Classwork</p> <p>Assignment.</p> <p>Revision questions for practice.</p>

	<p>Grammar (Revision)</p> <p>ReadingSkill:</p> <p>Comprehension (Revision)</p> <p>Prose-Landscape of the Soul.</p>	<p>Identify the poetic devices used.</p> <p>Justify the relevance of the title.</p> <p>Identify the correct answer and fill in appropriately.</p> <p>Answer the questions appropriately and meaningfully.</p> <p>Read the lesson.</p> <p>Identify the theme of the lesson.</p> <p>Explain the necessity of Art form.</p>	<p>in the link: https://www.verywellfamily.com/looking-at-the-generation-gap-1695859</p> <p>Class Discussion</p> <p>Buzz sessions</p> <p>Differentiate Oriental Art form European Art form.</p> <p>PowerPoint Presentations on different Art forms- Pair and Square. (Collaborative and Experiential Learning)</p>	<p>Worksheet</p>
<p>Political Science</p>	<p>FREEDO(8 Classes)</p>	<p>At the end of the lesson students will be able to</p> <p>Highlight the ideal of freedom</p> <p>Identify the sources of Constraints</p> <p>Discuss the need for constraints</p> <p>Explain the harm principle</p>	<p>1Group presentations</p> <p>2. Technical integration</p> <p>3.Interdisciplinary approach</p> <p>4.. Reflective Inquiry</p> <p>Think Pair and Share</p> <p>EXPERIENTIAL LEARNING</p> <p>They will draw inferences from photographs/ case studies</p> <p>ASSESSMENT</p> <p>They will work in groups to solve Hots questions</p>	<p>Quiz</p> <p>ABC summary</p> <p>Word Journal</p>

	<p>SOCIAL JUSTICE (8 Classes)</p>	<p>Distinguish between Negative and Positive liberty</p> <p>At the end of the lesson students will be able to</p> <ul style="list-style-type: none"> •Identify some of the principles of justice which have been put forward in different societies and at different periods of time. •Explain what is meant by distributive justice. •Discuss John Rawls' argument that a fair and just society would be in the interest of all members defended on rational grounds 	<p>They will discuss and review the answers</p> <ol style="list-style-type: none"> 1.Cooperative Learning 2. Interactive Reading Guide 3. Whole Group Instruction 4.Socratic Questioning <p>EXPERIENTIAL</p> <p>Discussion Practice</p> <p>They will work in groups to solve Hots questions</p> <p>They will discuss and review the answers</p>	<p>Exit slips</p> <p>Checklist</p> <p>Worksheet</p>
<p>Economics</p>	<p>Index Numbers</p> <p>Market Price equilibrium derivation of the price</p>	<p>Each student will be able to</p> <p>Identify 3 reasons for the need to find indices for economic growth and</p>	<p>Giving the different market situations with reference to changes in demand and supply, the students will make the</p>	<p>Class test</p> <p>Worksheets</p>

	<p>equilibrium and quantity exchanged in the market with both demand and supply.</p>	<p>compare.</p> <p>Derive the price equilibrium and the quantity exchanged in the market with the given market conditions discuss the derivation of the changes in the equilibrium price and quantity under different market conditions.</p>	<p>diagrams and show the changes that occur correspondingly.</p> 	<p>Kahoot</p>
<p>History</p>	<p>Topic: Displacing Indigenous Peoples (Contd.)</p> <ul style="list-style-type: none"> ■ Mutual Perceptions ■ The Native Peoples Lose their Land ■ The Gold Rush, and the Growth of Industries ■ Constitutional Rights ■ Australia 	<p>Each student will be able to</p> <ol style="list-style-type: none"> 1) tell about the mutual perceptions of the Europeans & the native Americans about the situations they found themselves in; 2) give details about the formation of the present day U.S.A & Canada; 3) analyse the developments that led to the loss of land by the native Americans & the effects of the same on them; 4) state the meaning of 'Gold Rush' & list its effects 5) specify the ways in which the changes post the 1920s in N.America affected the indigenous peoples; 6) spell out the features and facts of the native Australians; 7) share the ways in which the European settlers affected the lives of the Aborigines & vice versa; 	<p>Application activities:</p> <ul style="list-style-type: none"> ▪ Think-square-share ▪ Guided reading Questions <p>Practice activities:</p> <ul style="list-style-type: none"> ▪ Worksheet ▪ 'Act it out!' ▪ Question Framing 	<ul style="list-style-type: none"> ▪ Reflections ▪ Random questioning (using AMP Box technique)

	<p>Class 12 Syllabus: Topic: Mahatma Gandhi & The Nationalist Movement</p>	<p>8) reason out the changes that occurred in the white Australian settlers' perceptions of the native Australians.</p> <p>Each student will be able to</p> <p>1) Correlate the significant elements of the nationalist movement and the nature of ideas, individuals and institutions under the Gandhian leadership. 2) Analyze the significant contributions of Gandhiji in order to understand his mass appeal for nationalism. 3) Analyze the perceptions and contributions of different communities towards the Gandhian movement. 4) Analyze the ways of interpreting historical sources such as newspapers, biographies and auto-biographies diaries and letters.</p>	<ul style="list-style-type: none"> ▪ Think-square-share ▪ Guided reading Questions ▪ Concept Mapping ▪ Brainstorming 	<ul style="list-style-type: none"> ▪ Oral Questions (using the AMP Box) ▪ Assignment Questions ▪ Peer Assessment ▪ What did you learn today? ▪ Identifying and listing the key words
Home Science	<p>OUR APPAREL</p> <ul style="list-style-type: none"> ● Clothing functions 	<p>Students will be able to-</p> <p>-Enumerate the functions of clothing</p>	<p>PRACTICAL</p> <p>a) Record the fabrics and</p>	<p>Worksheet</p> <p>Assignment</p>

	<ul style="list-style-type: none"> ● Selection of clothes ● Understanding clothing needs of children- infancy, toddlers, school-going, adolescence <p>CARE & MAINTENANCE OF FABRICS</p> <ul style="list-style-type: none"> ● Laundry and stain removal ● Different methods of cleaning ● Fabric finishes ● Properties of fabrics and the methods of care ● Care labels 	<p>-Outline criteria for selection of clothing for children across different age groups</p> <p>- Elaborate on the clothing needs of CWSN</p> <p>Students will be able to-</p> <ul style="list-style-type: none"> ● Enumerate the various aspects of care and maintenance ● Outline the procedure for removal of different types of stains ● Describe the role of soaps and detergents ● Describe the correct process of care of different types of fabrics 	<p>apparel used in a day</p> <p>b) Categorize them according to functionality</p> <p>PRACTICAL:</p> <p>(a) Analyze label of any one garment with respect to: Clarity, fiber content, size and care instructions.</p> <p>(b) Prepare one care label of any garment. (AIL)</p> <p>(c) Analyze two different fabric samples for color fastness. (EL)</p>	<p>Oral discussions</p> <p>Practical work</p> <p>Worksheet</p> <p>Assignment</p>
Psychology	Revision Ch.1-4	Students will give sample papers and practice questions, enact role plays and use creative methods to explain learned concepts	<ul style="list-style-type: none"> ● Group Discussion ● Oral quiz 	<ul style="list-style-type: none"> ● Role play case based enactment ● Written mock exam

<p>Fine Arts</p>	<p>Bronzes and Artistic aspects of Indo-Islamic architecture : Introduction to Indian Bronzes. 2. Method of casting (solid and hollow) 3. Study and appreciation of following South Indian Bronze: i. Nataraj (Chola period Thanjavur Distt., Tamil Nadu) 12th Century A.D.</p>	<ul style="list-style-type: none"> ● paraphrase the history of Bronze sculptures ● describe Important art and architecture 	<p>*Oral Questioning</p> <p>*Online classes through video call</p> <p>*Assignment on Google classroom- Q&A, Worksheets</p> <p>* Visual observation of the art work to analyze and identify the features</p>	<p>*Assignments through Google classroom</p> <p>*Oral questioning *Questions and answers & worksheet and Google forms</p>
<p>Geography</p>	<p>NATURAL VEGETATION</p> <p>-Introduction.</p> <p>-Types</p> <p>-Forest policy and conservation of forests.</p> <p>-forest cover in India.</p> <p>-Wild life</p> <p>Soils</p> <p>Classification of soils</p> <p>Alluvial soil</p> <p>Black soil</p>	<p>Each student will be able to</p> <p>Differentiate between vegetation and natural vegetation.</p> <p>Classify the types of vegetation on the basis of climate and location.</p> <p>List forest policy in order to conserve the forest</p> <p>Analyse the forest cover in India.</p> <p>Identify major types (ICAR's classification) of soil.</p> <p>Examine under the following headings -</p> <p>1. Distribution</p>	<p>Picture identification ,</p> <p>Map</p> <p>Data</p> <p>Think and share</p> <p>Datas</p>	<ul style="list-style-type: none"> • Written Assignments • Oral questioning • collectively summarizing

	<p>Red and yellow soil Laterite soil Arid soil Saline soil Peaty soil Forest soil Soil erosion Soil conservation</p> <p>Water Resource</p> <p>-Water – cyclic resource -water resource of India -surface and underground water -water demand and utilization -demand of water for irrigation -emerging water problems -deterioration of water quality -water conservation and management --prevention of water pollution -- recycle and reuse - watershed management rainwater harvesting</p>	<p>2. Classification 3. Colour 4. Types 5. Rich and poor in nutrients</p> <p>Define soil degradation Define soil erosion Examine the role of nature and human Differentiate between sheet and gully erosion. Analyse the importance of soil conservation</p> <p>Each student will be able to</p> <p>Highlight importance of water resource Diff between surface and underground water Evaluate water demand for irrigation Discuss water problems Give reasons for deterioration of water quality Reason and justify conservation methods Suggest measures prevention of water pollution Understand the importance of recycle and reuse Exp and outline watershed management</p>	<p>Pie diagram</p> <p>videos</p> <p>Collaborative learning</p> <p>Presentation</p> <p>Discussion</p> <p>DAtas</p> <p>Case study</p>	<p>Google form</p> <p>• Written</p> <p>Assign Google form</p> <p>Worksheet</p> <p>• Oral questioning</p> <p>• collectively summarizing</p>
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	-Indian national water policy - Ralegaon siddhi (Ahmadnagar Maharashtra)	and rainwater harvesting. Outline their objectives Highlight key features of Indian national water policy.	Maps	
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JANUARY

Subject	Topics Covered/ No. of Periods	Learning Outcome	Activities	Assessments
Mathematics	CLASS XII Matrices	<p>Each student will be able to</p> <ul style="list-style-type: none"> *identify a element of a matrix *apply the basic operations of + , * , - *define various types of matrices *solve the problem of equality of matrices. *define transpose of a matrix *define symmetric and skew symmetric matrices. *find the transpose of a matrix *differentiate between symmetric. and skew symmetric matrices. *define the inverse of a matrix. *find the inverse using transformation method. 	<p>Students will read specific topics from NCERT along with the solved examples at home that will help in further solving questions from Exercises.</p> <p>The whole class can be regarded as a matrix and students can identify the rows and columns. (EL)</p>	<ul style="list-style-type: none"> ● Through small tests in fundamentals. ● · Class Work. ● · Google Form

<p>English</p>	<p>ASL Activity</p> <p>Flamingo:</p> <p>The Last Lesson</p> <p>My Mother at Sixty Six</p> <p>By Kamala Das</p> <p>Reading Skill: Comprehension (Revision)</p>	<p>Each student will be able to:</p> <p>Listen to the audio carefully and answer the questions given in the worksheet.</p> <p>Speak fluently and effectively, on the topics given.</p> <p>Read the lesson with comprehension and clarity. List the themes in the lesson. Critically analyze the characters.</p> <p>Recite the poem appropriately. State the literary devices used. Analyze the meaning of the poem.</p> <p>Answer the questions appropriately and meaningfully.</p>	<p>Audio file,Worksheet</p> <p>Speaking Assessment</p> <p>PPT on Colonialism and its effect on a country and its people.</p> <p>PPT on importance of one's mother tongue. Interview old and ailing people about the fears and insecurities in their life and the ways they battle them.</p> <p>Class Discussion</p>	<p>Worksheet</p> <p>Oral Questions</p> <p>Assignment</p> <p>Worksheets</p>
<p>Political Science</p>	<p>COLD WAR AND NON ALIGNMENT</p> <p>(10 classes)</p>	<p>Every student will be able to :</p> <ol style="list-style-type: none"> 1. Define Cold War 2. Explain the period of cold war 3. Distinguish between arms race and arms control 4. Define Deterrence 5. Analyse the reasons behind 	<ol style="list-style-type: none"> 1. Three step Interview 3. Think Pair and Share 4. Mind mapping. 5. Peer tutoring 6. Concept Mapping 7. Brainstorming 	<p>Word Journal</p> <p>ABC summary</p>

		<p>Alliance building.</p> <p>6. Distinguish between Non Alignment and isolation.</p> <p>.Analyze the impact of Non</p>	<p>PRACTICE ACTIVITIES</p> <p>Students in pairs will solve HOTS questions</p> <p>They will discuss and review the answers</p>	Peer review
Economics	<p>Indian Economy on the Eve of Independence Five Year Plans</p> <p>Common Goals of Five Year Plans Meaning of Five Year Plans Objectives of Planning. Analysing the importance of Planning in development.</p> <p>Features of Economic Policy under Planning till 1991.</p> <p>Achievement of the Goals of planning f. Failures of Planning</p>	<p>Agriculture sector and industrial sector on the eve of independence with the help of concept mapping. Foreign trade, demographic conditions, Infrastructure, occupational structure on the eve of independence with the help of BALA, real life examples and storytelling methods. Good and bad impacts of British government on Indian Economy with the help of think pair and share method</p> <p>The importance of planning in life-Individual as well as an economy To comprehend the meaning of planning by think pair and share method. Identify the goals of five year plan Analyze the importance of planning in development and the achievements as well as the failures of planning with concept mapping</p>	<p>Talk to your Parents and Grandparents and gather information on the situation of Indian population during the British raj.</p> <p>Students will be asked to write positive and negative impacts of British Government on Indian Economy(L) .</p> <p>Oral questions will be asked on meaning de-industrialization, Zamindari system ,Mahalwari system,Ryotwari system (AB)</p> <p>Planning an activity in school</p>	<p>Worksheets</p> <p>Google forms</p>

<p>History</p>	<p>Class 12 Syllabus: Topic: Partition through Oral Sources</p>	<p>Each student will be able to</p> <p>1) Examine the developments that helped in the culmination of communal politics in the earlier decades of the twentieth century in order to understand the causes, events and consequences of partition of India.</p> <p>2) Summarize and Contextualize the events and opinions surrounding the Partition of India.</p> <p>3) Infer and interpret the experiences of people in order to understand the differential aspects of partition.</p> <p>4) Examine the nature, relevance and limitations of oral testimonies in reconstruction of history as a source.</p>	<ul style="list-style-type: none"> ▪ Think-square-share ▪ Guided reading Questions ▪ Concept Mapping ▪ Brainstorming 	<ul style="list-style-type: none"> ▪ Oral Questions (using the AMP Box) ▪ Assignment Questions ▪ Peer Assessment ▪ What did you learn today? ▪ Identifying and listing the key words
<p>Home Science</p>	<p>CLASS XII TOPIC</p> <p>Work, Livelihood and Career</p>	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● Define terms- work, livelihood and career ● List the traditional Indian occupations and why they are dwindling ● Various Acts and rules to safeguard women at work ● Defining ergonomics and the need for ergonomics in work set up 	<p>Choose any 2 states in India and elaborate on the traditional occupations of that state. (group activity)</p>	<p>Group work</p> <p>Assignment</p> <p>Worksheet</p>

	REVISION			
Psychology	Revision Ch.5-7	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● Define concepts articulately ● Conceptualize understanding of topics through group discussions and in written format 	<ul style="list-style-type: none"> ● Quiz ● Group presentation 	<ul style="list-style-type: none"> ● Presentation ● Written mock examination
Fine Arts	<ul style="list-style-type: none"> ● Artistic aspects of the indo-Islamic architecture: 1. Introduction 2. Study and appreciation of following architecture: i. Qutub Minar, Delhi ii. Gol Gumbad of Bijapur 	<ul style="list-style-type: none"> ● Students will learn the Iconography of the sculpture . ● History ● Aesthetics sense 	<ul style="list-style-type: none"> ● Showing online reference ● Discussion about the Iconography and history of that. ● PPT for showing image and discussion 	<ul style="list-style-type: none"> ● MCQ ● Assignment
Geography	<p>Geographical perspective on selective issues and problems</p> <ul style="list-style-type: none"> - Environmental pollution -pollution and pollutant - water pollution 	<p>define environmental pollution</p> <ul style="list-style-type: none"> -difference between pollution and pollutant - Identify different sources of pollution – water,air ,noise - List human and natural factors which has resulted in this pollution <p>Discuss environmental degradation</p>	<p>KWL</p> <p>Think Pair and Share</p> <p>EXP</p> <p>WATCH A</p>	<p>Oral Questions (using the AMP Box)</p> <ul style="list-style-type: none"> ▪Assignment Questions ▪Identifying and listing the key words

	<ul style="list-style-type: none"> - Hill area development programme - drought prone area programme. - case study - ITDP - sustainable development - Indira Gandhi canal command area - measures for promotion of sustainable development 	<p>development goals</p> <p>Examine 2 case studies under the following headings – physical extent , problem area ,suggestive measures and success / failures</p> <p>Discover the journey from development to sustainable development</p> <ul style="list-style-type: none"> - List character and factors responsible for different development - outline history and important features of the Indira Gandhi canal command area. -list measures for promotion of sustainable development 	<p>Case study</p> <p>Maps</p>	<p>Worksheet</p> <ul style="list-style-type: none"> • Oral questioning • collectively summarizing
FEBRUARY & MARCH				
Subject	Topics Covered/ No. of Periods	Learning Outcome	Activities	Assessments
Mathematics	Determinants	<p>Each student will be able to</p> <ul style="list-style-type: none"> *define determinants *list the properties of Determinants. *apply the properties of determinants in solving questions. *define adjoint and inverse of a matrix. *calculate the area of the *calculate the inverse of a matrix 	Students will read specific topics from NCERT along with the solved examples at home that will help in further solving questions from Exercises.	<ul style="list-style-type: none"> ● ·Class Work. ● Oral Questions. ● HW given from NCERT (uploaded in Google Classroom)

		*solve the given system of equations upto three variables REVISION FOR ANNUAL EXAMINATION		
English	REVISION	REVISION FOR ANNUAL EXAMINATION	TEST	TEST
Political Science	END OF BIPOLARITY (10 Classes) REVISION	1. Compare soviet and American system 2. Assess Gorbachev,s role 3. Analyse causes of disintegration of Soviet Union 4. Define Shock Therapy 5. Analyse the effects of Shock Therapy.. 6. Discuss the Afghan crisis	1. Three step Interview 3. Think Pair and Share 4. Mind mapping. 2. Peer tutoring Students in pairs will solve HOTS questions They will discuss and review the answers	Word Journal ABC summary Peer review
Economics		REVISION FOR ANNUAL EXAMINATION		
History	Revision			

Home Science	REVISION			
Psychology	Practicals Revision	Each student will be able to <ul style="list-style-type: none"> Administer and answer practical related questions 	<ul style="list-style-type: none"> Viva voice practice Short mock demo administration 	<ul style="list-style-type: none"> Mock administration Individual and group viva sessions
Fine Arts	REVISION	<ul style="list-style-type: none"> Everyday discussion Week end question answer session 	Online and hand written	CBSE norm question paper
Geography	REVISION AND FINAL EXAMINATIONS	Each student will be able to Revise for final examination		