



TAGORE INTERNATIONAL SCHOOL
EAST OF KAILASH, NEW DELHI

PARENT SYLLABUS –HUMANITIES
Class XI
APRIL- SEPTEMBER (SESSION 2020– 21)

Month / Subject	No. of period / Topics Covered	Learning Outcome	Activities	Assessments
English				
APRIL-MAY	<p>Prose: The Portrait of a Lady by, Khushwant Singh</p> <p>No. of periods: 4</p>	<p>To develop a sense of responsibility towards elderlies</p> <p>To develop optimistic attitude towards life amidst many struggles</p> <p>To develop an attitude to become more independent in thought and action</p> <p>To develop the understanding of others' emotions and tolerance</p> <p>To enable the students to grasp the theme and meaning of the poem</p> <p>To enable the students to read the poem with proper tone and rhyme and develop an interest in poetry</p>	<p>Group discussion- characteristics/ habits of elderly members of the family</p> <p>Loud and Silent Reading</p> <p>Paraphrasing and Explanation</p> <p>Discussion and writing of Q/As</p> <p>Brainstorming- How to make elderlies feel welcomed and accepted</p> <p>Art Integrated Activity: Design an attractive web-chart on your grandparent's favourite game. Include all the relevant details like- number of players, playing arena required, rules etc.</p> <p>Group discussion- Importance of a photograph/ memories of the past</p> <p>Recitation of the poem and Paraphrasing</p>	<p>Quiz using google form</p> <p>Worksheets</p> <p>Writing Q/As</p> <p>Worksheets</p> <p>Writing Q/As</p>
	<p>Poem: A Photograph by, Shirley Toulson</p> <p>No. of periods- 3</p>			

Prose: We Are Not Afraid to Die ...If We Can Be All Together
by, Gordon Cook & Alan East

No. of periods- 5

To enable the students to draw a comparative study between human life and nature.

To make the students study a photograph closely and appreciate its significance.

To enhance the students' problem solving skills.

To inculcate the values of determination and will power

To make the students learn to be optimistic and overcome struggles and problems

To enable the students to solve HOTS and value based questions from the lesson.

To enable the students to grasp the theme and meaning of the poem

To enable the students to recite the poem with proper tone and rhyme and

To develop students' interest in poetry

To enable the students to draw a comparative study between human life and nature.

To make the students understand the importance of interdependence and living in harmony

To make students utilize their creativity

Identifying poetic devices incorporated in the text

Discussion and writing of Q/As

Art Integrated Activity:

Composing a short poem on a favourite photograph/ past memory

Brainstorming: How do determination and courage bring people out of trouble.

Silent and Loud reading

Paraphrasing and Explanation

Discussion and writing of Q/As

Art Integrated Activity:

Design a display advertisement for a sea trip organized by Voyagers, a travel agency.

Quiz using google form

Worksheets

Writing Q/As

	<p>Long Writing Skills:</p> <p>Letters to the Editor *</p> <p>Official Letters (Asking for and giving information) (2)</p> <p>Discovering Tut: The Saga Continues (3)</p> <p>Reading: Note Making and Summarization (2)</p>	<ul style="list-style-type: none"> • discuss the format and phrases to be used for writing the letters • express their views through a letter using grammatically correct sentences <p>Each student will be able to-</p> <ul style="list-style-type: none"> • identify and discuss the scientific advancements that have taken place in the recent past that affected archaeology • comment on the significance of the Egyptian pyramids/tombs • critically analyze the language and Tutankhamun's dynasty • prepare visually attractive and informative virtual museum • comprehend the gist of the given passage for note making • make notes on the passage read 	<ul style="list-style-type: none"> • Discussion of the format • Creating mind-map/ flowchart • Drafting formal letters • Discussion- How is modern archaeology different from the old one • Critically appreciating the language • Critically analyzing Tutankhamun's saga • Art Integrated Activity Preparing a virtual museum • Discussion of the given passage • Extraction of important points from the passage <p>Practicing the given exercise based on the previous year CBSE paper</p>	
<p>August</p>	<p>Prose: The Address (3)</p>	<p>Each student will be able to-</p> <ul style="list-style-type: none"> • comment on the outcome of wars and the hardships that follow them • discuss about the human dilemma that follows war and the death of a loved one • critically appreciate the lesson and characters 	<ul style="list-style-type: none"> • Group discussion: The aftermath of the wars • Group discussion to extract important points from the story • Art Integrated Activity: recording anecdotes related to a favourite possession in form of a story <p>OR</p>	<p>Friday Test (Aug-Sep 2020) 14.08.2020</p> <ul style="list-style-type: none"> • Online quiz using Google forms • Class participation (written and oral)

**Prose:
Ranga's Marriage**

(3)

Each student will be able to-

- talk about at least two changes that have taken place in the modern social set-up to prove that the society has moved a long way from the way the marriage is arranged in the story
- supply evidences from their experiences to prove how the perceptions of the astrologers are based more on hearsay and conjecture than what they learn from the study of stars
- critically analyze the plot and the characters

- to grasp the theme and meaning of the poem
- to recite the poem with proper tone and rhyme and
- comment on the significance of the water cycle
- draw comparison between human life and nature by giving at least two examples

Each student will be able to-

- correctly tell the format of the article
- discuss the dos and don'ts of the given writing skill

- to discuss the significance of the grammatical concepts

Introducing one's connection/ closeness with a favourite possession through an illustration

- Group discussion: How the concept of marriage has undergone changes over years
- Paraphrasing and Explanation
- Discussion and writing of Q/As
- **Art Integrated Activity:**
designing an invitation card

- Silent and Loud Reading
- Paraphrasing and Explanation
- Discussion and writing of Q/As

• **Art Integrated Activity:**
Sketching/ painting an illustration to bring out the theme of the poem

OR

Preparing a colourful mind-map

- Weekly assignment/worksheet (submission of work)

Poem: The Voice of the Rain
(3)

	<p>Long Writing Skill: Article Writing * (1)</p> <p>Integrated Grammar Practice (2)</p>	<ul style="list-style-type: none"> complete the worksheets 	<p>OR</p> <p>Composing a short poem / haiku on a similar theme</p> <ul style="list-style-type: none"> Group discussion: dos and don'ts, to determine the important points/details that should be provided in the articles Discussion related to the grammatical rules <p>Practicing the exercises given in the worksheets</p>	
<p>September</p>	<p>Short Writing Skill: Notice</p> <p>No. of classes- 2</p> <p>Prose: Landscape of the Soul (3)</p>	<p>Each student will be able to</p> <ul style="list-style-type: none"> Discuss the format and dos and don'ts write a notice answering the questions, what, where, when, how <p>Each student will be able to</p> <ul style="list-style-type: none"> differentiate between Chinese and European art analyze the theme and write their interpretation of the title <p>Each student will be able to</p> <ul style="list-style-type: none"> Discuss the format and dos and don'ts 	<ul style="list-style-type: none"> Group discussion to establish dos and don'ts, to determine the important points/details Drafting of the circulars/notices Group discussion on the interpretation of the title and the concept of <i>shanshui</i>. Silent and Loud reading Discussion and writing of Q/As Group discussion to establish dos and don'ts, to determine the important points/details Drafting of the speech 	<ul style="list-style-type: none"> Online quiz using Google forms Class participation (written and oral) Weekly assignment/worksheet (submission of work)

Constitution – Why and How?

Principle of deliberation

Objectives Resolution

Provisions borrowed

Philosophy of the constitution

Criticism and limitation of the constitution

Amendment of the constitution

Contents of amendments

List in 4 points the idea of the principle of deliberation

List in 6 points the Objectives Resolution

List the provisions borrowed from various constitutions

Explain in 7 points the philosophy of the constitution

Prepare in 3 points a critique of the constitution

List the 3 limitations of the constitution

List the three ways by which the constitution may be amended

Explain in 4 points each the content of amendments

Worksheet

Q&A assignment

**15 mark test on
Constitution – Why and How?**

Worksheet

Q&A assignment

Worksheet

				Q&A assignment Quiz
July 22 days	Rights in the Indian Constitution Fundamental Rights DPOSP	Write in 4 points why fundamental rights are necessary. Define Rights. List in points the parameters of each fundamental Right. Evaluate in 4 points the extent to which these Rights are enjoyed. Compare DPOSP with Fundamental Rights in 4 points	Collect newspaper articles spread over five days Paste them on a page and analyze the rights visible in each article. Explain from the article if any right has been violated	Worksheet Notebook MCQ Test
July	Election and Representation Elections and democracy FPTP and PR system Reserved constituencies Free and fair elections Electoral reform	Explain in 6 points the system of elections in India. Analyze the four reasons why India adopted the FPTP system. Differentiate between FPTP and PR system in 6 points. Debate the need for reserved constituencies. List the functions of the Election Commission Evaluate in 6 points the need for electoral reform.	Analyse any 3 cartoon on a recent or current election	Worksheet Notebook Weekly Test 1 20 marks 1. Constitution – Why and how 2. Amendment to the Constitution
July	Executive Political & Permanent President PM & COM Bureaucracy Changing role of PM	Define executive. List the types of executives with the help of a chart Analyze in 6 points why the position of the PM is paramount. Write in 6 points the changing position of the PM in coalitions Evaluate in 4 points the position of the President.	Prepare a pictorial chart on comparison between Presidential and Parliamentary system.	Worksheet Notebook Class Participation

August 20 Days	Legislature Role of Parliament Bill becoming law Lok Sabha & Rajya Sabha Instruments of Parliamentary control Parliamentary committees	Explain in 2 points the role of a legislature. Discuss the types of legislatures List the process on how a bill becomes a law Evaluate in 6 points the means by which the legislature controls the executive. Debate recent trends in the Indian parliament in the passage of important Bills. Analyse in 6 points the role of parliamentary committees	Making a colored graphic organizer showing the steps of a bill becoming law	Worksheet Entry card Notebook
August	Judiciary Need for independent judiciary Structure of Judiciary Jurisdiction of the Supreme Court Activism	List in 4 points the need for an independent judiciary in a democracy Debate the controversial appointment of judges and the process of impeachment Prepare a flow chart on the structure of the judiciary Explain in 4 points each the various jurisdiction of the Supreme Court Explain in 4 points the importance of judicial activism	Collage making on the last 5 CJI of India with their famous verdicts	Worksheet Notebook
Topic deleted as per CBSE Only to be discussed in class *	Federalism*** What is Federalism Federalism in Indian Constitution Quasi Federalism Conflicts in Indian Federal System Special Provisions	Define Federalism and enumerate its features Discuss in points the strong Unitary bias of the Constitution Analyze center-state relations Evaluate the need for special status given to some states	Create a cartoon on center state relations using R K Laxman's character of the common man	Project TAGMUN
August	Local Government	Explain in 4 points the need for local govts. in India	Collage on controversial panchayat rulings	Worksheet Notebook

	<p>Why Local Govt.?</p> <p>Growth of Local Govt.</p> <p>73, 74 Amendment</p> <p>Local Govt. in India- a review</p>	<p>Trace the growth of local govts. in India</p> <p>Discuss in 6 points the provisions of the 73rd and 74th Amendment</p> <p>Evaluate in 4 points the success of local bodies in India</p> <p>Analyse the limitations of local govts in 4 points</p>		MCQ Test
September 22 Days	Political Theory <p>What is Politics?</p> <p>Scope of Political theory</p> <p>Need to study Political theory</p>	<p>Define politics</p> <p>Explain in 6 points the scope of political science</p> <p>List in 6 points why we need to study political theory</p>	Collage on Socrates, Aristotle, Plato and Kautilya	Worksheet Notebook
September	Freedom <p>Ideal of freedom</p> <p>What is freedom</p> <p>What are constraints?</p> <p>Harm Principle</p> <p>Negative and Positive liberty</p> <p>Freedom of Expression</p>	<p>Define freedom</p> <p>Argue whether constraints should be there on freedom</p> <p>Appreciate the struggle of Nelson Mandela and Aung San Suu Kyi in the quest for freedom</p> <p>Explain ne negative and positive liberty in 3 points each</p>	Poster on freedom	Notebook Quiz
September	Equality	<p>Define equality</p> <p>Read the fact sheet on global inequalities</p> <p>Discuss the dimensions of equality</p> <p>Differentiate between the isms</p>	Collage/ poster on Racism	MCQ Notebook Worksheet

Home Science

APRIL-MAY	<p>INTRODUCTION TO HOME SCIENCE (2 classes)</p> <ul style="list-style-type: none"> - Introduction - Evolution <p>UNDERSTANDING ONESELF: (10 days) ADOLESCENCE</p> <ul style="list-style-type: none"> - Who am I? - Development and characteristics of self - Influences on identity: biological and physical changes; socio-cultural effects; emotional changes; Cognitive changes <p>FOOD, NUTRITION, HEALTH AND FITNESS (7days)</p> <ul style="list-style-type: none"> - Balanced Diet - Food Groups - Diet for Adolescent - Factors influencing eating behaviors, - Eating disorders 	<p>Each child will be able to:</p> <ol style="list-style-type: none"> 1) Gain knowledge about what is home science 2) Understand the importance of home science 3) Define home science 4) Prepare a flow chart on the evolution of the subject <p>Students will be able to-</p> <ul style="list-style-type: none"> - Explain the concept of self-esteem and self-identity. - Outline the changes in self-description from infancy to adolescence. - Describe influence of biological and physical changes on identity of adolescent. - Recite the emotional changes in the stage <p>Students will be able to</p> <ul style="list-style-type: none"> - define the terms food, nutrition, health, fitness and balanced diet. -explain the food groups - Outline the changes in diet of an adolescent. - highlight the factors influencing eating behavior. -explain the term eating disorders. <p>Students will be able to</p> <ul style="list-style-type: none"> - define Resources. - Identify and classify resources 	<p>List 5 terms/concepts that you associate with Home Science.</p> <p>Activity: Group discussion on: Adolescence: a phase of dilemma and disagreements</p> <p>Prepare a diet chart for an adolescent boy/girl, keeping in mind the likes and dislikes and the current scenario of lockdown in mind</p>	<p>Worksheet</p> <ul style="list-style-type: none"> • Worksheet • Assignment questions • Google MCQ <ul style="list-style-type: none"> • Worksheet • Assignment questions • Google MCQ
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	<p>MANAGEMENT OF RESOURCES- TIME, MONEY, ENERGY AND SPACE (6 days)</p> <ul style="list-style-type: none"> - Human and Non-human Resources - Managing Resources <p>FABRIC AROUND US</p> <ul style="list-style-type: none"> - Fibers and its classification - Characteristics and suitability to use of- cotton, silk, wool, rayon, nylon, polyester, blended fabrics 	<ul style="list-style-type: none"> - State the characteristics of resources - Recognize the importance of management - Apply management process in real life situations 	<p>Activity: To identify 10 resources available in the neighborhood and to classify them under human and non-human resources.</p>	<ul style="list-style-type: none"> • Worksheet • Assignment questions • Google MCQ
July	<p>FABRIC AROUND US</p> <ul style="list-style-type: none"> - Fibers and its classification - Characteristics and suitability to use of- cotton, silk, wool, rayon, nylon, polyester, blended fabrics 	<p>Students will be able to- define fibre and yarn.</p> <ul style="list-style-type: none"> - Classify fibres - List the properties of each fibre type - Analyse the suitability of various fibres. 	<p>Do a market survey to find out the different types of fabric material available and its suitable use.</p>	<ul style="list-style-type: none"> • WORKSHEET • Assignment questions • Class test
July	<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 	<p>Students 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 diseases of each nutrient. 	<p>AIL and EL activity- To prepare a food thali (any cuisine) that has nearly all macro and micro nutrients. Make a small video presentation of the same.</p> <p>EL activity- Hygiene and sanitation and its correlation with SDG 6- clean water and sanitation</p>	<ul style="list-style-type: none"> - WORKSHEET - Assignment questions - Class test

			<p>QUESTIONS</p> <ul style="list-style-type: none"> - Explain the inter-relationship between nutrients, nutrition and health. - Under-nutrition and infection form a vicious cycle, which may become difficult to break. Explain. 	
July	<p>NUTRITION, HEALTH AND WELL BEING</p> <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 	<p>Each child will be able to:</p> <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 	<p>Activity: Prepare an educational tool to enumerate the importance of healthy eating, for a target audience of 6- 10 years.</p>	<ul style="list-style-type: none"> • Assignment questions • Class test • worksheet
August	<p>HEALTH & WELLNESS</p> <ul style="list-style-type: none"> - Health parameter like BMI - Fitness - Wellness and its dimensions - Stress and coping with it 	<p>Students will be able to</p> <ul style="list-style-type: none"> - Outline the importance of health and fitness - Explain the health concerns and challenges during adulthood - Describe the concept of wellness <p>Describe the steps to promote good health</p>	<p>ART INTEGRATION</p> <p>EL: Group activity- The effect of pandemic on mental health of individual (a presentation, video, or audio)</p> <p>QUESTIONS:</p> <ul style="list-style-type: none"> - Based on what parameters can it be said that an individual is doing ‘well’? - Exercise in any form, benefits an individual in the long run. Justify. 	<ul style="list-style-type: none"> - Assignment questions - PPT evaluation - worksheet
August	<p>RESOURCES AVAILABILITY AND MANAGEMENT (9)</p>	<p>Students will be able to-</p> <ul style="list-style-type: none"> - Describe time and space 	<p>AIL activity: Aesthetic organization of your room to enhance space, by incorporating different elements</p>	<ul style="list-style-type: none"> - Assignment questions - Google quiz

	<ul style="list-style-type: none"> - Time Management - Formulating a time plan - Steps of energy conservation - Space management: principles 	<p>as important resources.</p> <ul style="list-style-type: none"> - Discuss ways of managing time and space - Enumerate the tools in <p>time management.</p> <ul style="list-style-type: none"> - Enlist the principles of space management. 	and principles of design	- worksheet
September	<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 	<p>Students 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>ART INTEGRATION</p> <p>EL Activity- Plan a budget for a trip to Goa In December break. List the different components/ activities and the allocated budget for it.</p> <p>QUESTIONS:</p> <ul style="list-style-type: none"> - What are the parameters based on which a family’s budget is made? - Prepare a budget for a 3-days trip with friends 	<ul style="list-style-type: none"> - Worksheet - Assignment - Class test
September	<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>Students 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 <p>Elaborate the principles of investment</p>	<p>ART INTEGRATION</p> <p>EL activity: Learning how to fill a cheque.</p> <p>QUESTIONS:</p> <ul style="list-style-type: none"> - Your grandmother is about to retire in 8 months. Suggest any 2 investment schemes such that she can have a secure oldage. Give reasons for your choices. - Your sister has earned Rs. 1 lac as bonus. <p>Suggest any 2 investment schemes and give reasons</p>	<ul style="list-style-type: none"> - Worksheet - Assignment - Google quiz

History

<p>APRIL-MAY</p>	<p>Writing And City Life</p> <p>Introduction</p> <p>Mesopotamia and its geography</p> <p>Significance of urbanism</p> <p>Development of Writing</p> <p>Urbanization in Southern Mesopotamia- Temples and Kings</p> <p>Life in the City</p> <p>Legacy</p>	<p>Each student will be able to-</p> <p>Explain why civilizations developed on the river banks in at least 3 points.</p> <p>Write at least 3 points on the geographical location of Mesopotamia.</p> <p>Write a note on the significance of urbanism in Mesopotamia,</p> <p>Explain the development of writing in Mesopotamia in at least 8 points.</p> <p>Analyze the importance of temples in at least 8 points.</p> <p>Write a note on the life of the people in at least 8 points.</p> <p>Describe the layout of the city of UR in at least 8 points.</p> <p>Explain the legacy of the civilization in at least 8 points.</p>	<p>Discussion on the progress of civilization from stone age to settled communities.</p> <p>Video clip on the making of the Mesopotamian seals and the cuneiform script</p> <p>Students to draw signs and symbols of the cuneiform script.</p> <p>Video clip on the temples of Mesopotamia- Ziggurats</p> <p>Map skills</p>	<p>Worksheets and assignment from topic.</p> <p>Online Quiz</p>
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	<p>An Empire Across Three Continents</p> <p>Sources on the Empire</p> <p>Geographical location</p> <p>The Early Empire</p> <p>The Third century crisis</p>	<p>List the sources for the study of the Roman empire</p> <p>Compare in 8 points the Iranian and the Roman empires.</p> <p>Write the importance of the Mediterranean Sea in at least 3 points.</p> <p>Define the terms- Republic, Princep Principate, Civil war</p> <p>Write a note on the three main players of the political history of the Roman empire.</p> <p>Explain the causes of the Third century crisis in at least 3 points.</p> <p>Compare in 8 points the position of Women in Rome with those of today.</p> <p>Define the terms – Transhumance, Mapalia and Castella.</p> <p>Write a note on the economic expansion of the Roman empire.</p>	<p>Discussion on the available sources.</p> <p>Study the Annals of Tacitus</p> <p>Map skills</p> <p>Images and video on architecture of Rome.</p> <p>Recommended movie- Benhur - Starring Charlton Heston and Stephen Boyd.</p>	<p>Assignment</p> <p>Worksheet</p> <p>Quiz</p>
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Gender, Literacy, Culture

Economic expansion

Controlling workers

Social hierarchies

Late Antiquity

Holiday HW- Project and Assignments

Analyze the working of the institution of slavery in the Roman empire in at least 8 points.

Explain the social hierarchies of the empire in at least 8 points.

List the reforms carried out by Diocletian and Constantine.

July	<p>The Central Islamic Lands</p> <p>The Rise of Islam in Arabia; Faith, Community and Politics</p> <p>The Caliphate: Expansion, Civil Wars and Sect Formation</p> <p>The Umayyads and the Centralisation of Polity.</p> <p>The Abbasid Revolution</p> <p>Break-up of the Caliphate and Rise of the Sultanate</p> <p>The Crusades</p> <p>Economy: Agriculture. Urbanisation and Commerce</p> <p>Learning and Culture</p>	<p>-Trace the rise of Islamic empires in the world</p> <p>-Trace the growth and spread of Islam in at least 8 points.</p> <p>-Analyse the impact of Islam on polity in at least 3 points.</p> <p>-Critique of the dynastic achievements of the caliphs in at least 8 points</p> <p>-Write in detail in at least 8 points on what the crusades meant in these regions and how they were experienced</p>	<p>Do any one of the following-</p> <ol style="list-style-type: none"> 1. Find out- When was the Dome first used? What are the different types of Domes? Draw them. 2. Create a Mosaic design using coloured paper. 3. Write a few lines using Calligraphy. <p>Map skills</p>	<p>Worksheets and assignment from topic.</p> <p>Online Quiz</p>
July/August	<p>The Three Orders</p> <p>An Introduction To Feudalism</p> <p>France and England:</p> <p>The Three Orders-</p> <p>The Second Order: The Nobility</p>	<p>-Define the term Feudalism.</p> <p>-List the Causes for the rise of Feudalism in at least 8 points.</p> <p>-Analyse the socio-economic conditions of Europe in at least 8 points.</p> <p>-Describe the role of the Nobility in the</p>	<p>Make a Glass painting (on a transparent sheet) of the designs painted on the Church windows in Feudal Europe</p> <p>Map Skills.</p>	<p>Assignment</p> <p>Worksheet</p> <p>Quiz</p>

	<p>The Manorial Estate</p> <p>The Knights</p> <p>The First Order: The Clergy Monks</p> <p>The Church and Society</p> <p>The Third Order: Peasants</p> <p>England</p> <p>Factors Affecting Social and Economic Relations</p>	<p>Feudal society in at least 8 points.</p> <p>-Explain the religious control of Catholic Church in at least 8 points.</p> <p>-Write about the status of the peasants in Feudal Europe in at least 8 points.</p> <p>-Examine the historiography that led to the decline of feudalism in at least 8 points.</p>		
August/September	Changing Cultural Traditions			
	<p>The Revival of Italian cities</p> <p>Universities and Humanism</p> <p>Science and Philosophy: The Arab Contribution</p> <p>Artists and Realism</p> <p>Architecture</p> <p>The First Printed Books</p> <p>A New Concept of Human Beings</p>	<p>-Define the term Renaissance.</p> <p>-Trace the causes for the rise of the Italian cities.</p> <p>-Explain the concept of humanism in at least 3 points</p> <p>-Analyse the changes in science and philosophy brought about by the Arabs in at least 8 points.</p>	<p>Select any one painter of the period and make a collage of his work.</p> <p>Brunelleschi</p> <p>Donatello</p> <p>Michelangelo</p> <p>Leonardo da Vinci</p> <p>Raphael</p> <p>Map Skills</p>	<p>Worksheets</p> <p>Online Quiz</p> <p>Friday Test Round I</p> <p>4/9/20</p> <p>-An Empire Across Three Continents</p> <p>-The Central Islamic Lands</p>

	<p>The Aspiration of Women</p> <p>Debates Within Christianity</p> <p>The Copernican Revolution</p> <p>Was There A European Renaissance in the Fourteenth Century?</p>	<p>-Explain the development of architecture in at least 3 points.</p> <p>-Write a note on the status of women in medieval Europe.</p>		
September	<p>The Industrial Revolution</p> <p>Innovations and technological change</p> <p>Patterns of growth.</p> <p>Emergence of a working class.</p> <p>Effects of industrialization on workers, women and children.</p> <p>Protest Movements</p> <p>Historians' viewpoints, Debate on 'Was there an Industrial Revolution?'</p>	<p>-List the reasons why Britain was the first country to industrialize.</p> <p>-Explain how London acquired a global significance in at least 8 points.</p> <p>-Trace the changes introduced through Industrial Revolution in at least 8 points.</p> <p>-Analyse the growth of working class in at least 8 points.</p> <p>-Assess the effect of the Revolution on women, children and workers in at least 3 points each.</p> <p>-Trace the historiography of the Industrial Revolution in at least 8 points.</p>	<p>Map Skills</p> <p>Students will list the current machinery which replaced the Spinning Jenny, Flying Shuttle loom, Water frame and mule of the industrial revolution.</p>	<p>Online Quiz Worksheets</p>

Painting

APRIL-MAY	<p>5 days</p> <p>Theory- Six limbs of art</p> <p>Practical- Colour wheel</p>	<p>Able to be:</p> <ul style="list-style-type: none"> * Explain six limbs and its importance in art work *create colour wheel of primary ,secondary, tints and tones of colour 	<ul style="list-style-type: none"> *Watched given video https://docs.google.com/presentation/d/1DKFwZi0G_W1XBSVggit-KIGPEU_VHLEE7kzaX4RcA/edit?usp=sharing *Oral Questioning *Online classes through hangout *Assignment on google classroom- Q&A, Worksheets * Visual observation of paintings to analyze and identify the features *Individual practice and artwork. <p>Created a colour wheel of primary ,secondary, tints and tones of colour</p>	<ul style="list-style-type: none"> *Assignments through google class room *Oral questioning *Questions and answers <p>Practical-</p> <p>Neatly created colour wheel which includes primary, secondary ,tints and tones of colours</p>
	<p>14 Days</p> <p>Theory- *seven elements of art *prehistoric cave painting *Indus valley civilization</p> <p>Practical- *Experiment with elements of art to create art samples *creating an art work using symbols and patterns of cave painting.</p>	<p>Able to be:</p> <ul style="list-style-type: none"> *Summarize elements of art and its importance *Identify art and characteristics of pre-historic cave painting. <p>*Experiment with elements of art to get familiar with these and created few art work</p> <p>*Articulate symbols and patterns of pre-historic cave painting to create new.</p>	<ul style="list-style-type: none"> *Watched given video https://youtu.be/HZPIbqDFLl8 https://youtu.be/-TyfuUzyxl *Oral Questioning *Online classes through hangout *Assignment on google classroom- Q&A, Worksheets * Visual observation of cave paintings to analyze and identify the features *Individual practice and artwork. <p>Practical –</p> <p>*Experiment with elements of art to create few art samples and get familiarize with these building blocks. *creating a composition using symbols and patterns of cave painting</p>	<ul style="list-style-type: none"> *Assignments through google class room *Oral questioning *Questions and answers <p>Practical-</p> <p>Application of elements of art to create an art work Articulate symbols and patterns of cave painting to create a new image.</p>

<p>JULY</p>	<p>16 T.P. Theory – Arts of the Mauryan period: Buddhist, Jain and Hindu art (3rd century B.C .to 8th century B.C.)</p> <p>Practical- Still life –Basic objects with Pencil shading</p>	<p>Each child will be able to: Collect information other than class notes.</p> <p>to question and debate on related topics</p> <p>articulate all five components in making lion capital incorporate elements of art</p> <p>logical selection of ideas in assignments</p> <p>experience the difference of light and shade</p>	<p>Watch given video https://youtu.be/Si_mjz9Q2dE</p> <p>*Oral Questioning *Online classes through hangout *Assignment on google classroom- Q&A, Worksheets * Visual observation of art work to analyze and identify the features *Individual practice and artwork.</p>	<p>*Assignments through google class room *Oral questioning *Questions and answers & worksheet and *MCQ google forms</p> <p>Practical- Incorporation of elements of art in still life. Treatment of medium and tools in a composition</p>
<p>August</p>	<p>16 T.D. Theory – Post Mauryan Trends in Indian art and Architecture (Buddhist, Jain and Hindu art (3rd century B.C .to 8th century B.C.)</p> <p>Practical- Composition based on research and study on Ajanta cave painting</p>	<p>Each child will be able to: paraphrase the history of Indian art in Mauryan period</p> <p>generalize stylistic differences between art forms</p> <p>demonstrate the process of turning sketch into a finished drawing</p> <p>identify painting tools and equipment</p> <p>appreciate natural forms, manmade objects and beauty in light and shade</p>	<p>*watch the given video or text from the book https://youtu.be/-hhEqU9FiJl https://youtu.be/k1SE25mURhc</p> <p>*Oral Questioning *Online classes through hangout *Assignment on google classroom- Q&A, Worksheets * Visual observation of paintings to analyze and identify the features *Individual practice and artwork.</p>	<p>Assignments through google class room *Oral questioning *Questions and answers & worksheet MCQ google form</p> <p>Practical- Treatment of medium and tools in a composition</p> <p>Incorporation of elements of art in composition</p>

<p>September</p>	<p>9 T.P.</p> <p>Later mural tradition :</p> <ul style="list-style-type: none"> • Badami caves • Mural art in India (Buddhist, Jain and Hindu art (3rd century B.C .to 8th century B.C.) <p>Practical: Sketching on Jataka stories</p>	<p>Each child will be able to: Appreciate work of art.</p> <p>Collect information other than class notes.</p> <p>to question and debate on topics related</p> <p>research and study on mural art in India to create an art work</p> <p>incorporate elements of art</p> <p>logical selection of ideas in assignment</p>	<p>https://youtu.be/wzn4aH1nbfw</p> <ul style="list-style-type: none"> *watched the given video or text from the book *Oral Questioning *Online classes through hangout *Assignment on google classroom- Q&A, Worksheets * Visual observation of paintings to analyze and identify the features *Individual practice and artwork. *Shared few images of mural painting as a reference to recreate new. *Demonstration, Instructions and corrections of mural painting done through hangout video call and WhatsApp 	<ul style="list-style-type: none"> *Assignments through google class room *Oral questioning *Questions and answers & worksheet MCQ google form <p>Practical- Painting based on research and study of mural art</p>
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Physical Education

<p>APRIL-MAY</p>	<p><u>Unit I Changing Trends & Career in Physical Education (WD: 18)</u> Meaning & definition of Physical Education Aims & Objectives of Physical Education Career Options in Physical Education Competitions in various sports at national and international level Khelo-India Program</p> <p><u>Unit II Olympic Value Education (WD: 16)</u></p>	<p>Students will know the changing trends & career in physical education meaning need & importance of physical education its aims & objectives. Career options, NIS, Sports authority of India and its duties, national and international level sports competitions, features and objectives of Khelo India Program etc.</p> <p>Students will know & differentiate between Ancient Olympic & Modern Olympic games, Values objectives,</p>	<p>Discussion on physical education & changing trends. Career Options available in physical education.</p> <p>Students to discuss the textual based questions</p>	<p>Questions will be discussed in the class</p> <p>MCQ's</p>
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	<p>Olympics, Paralympics and Special Olympics Olympic Symbols, Ideals, Objectives & Values of Olympism International Olympic Committee Indian Olympic Association</p> <p><u>Unit III Physical Fitness, Wellness & Lifestyle</u> Meaning and Importance of Physical Fitness, Wellness & Lifestyle Components of Physical Fitness and Wellness Components of Health related fitness</p> <p>Game Volley ball History of Volley ball Fundamental skills Court dimensions Equipments dimensions Fundamental skills Terminologies of the game Rules and regulations</p> <p>Athletics History of Athletics Types of Races their starting points and finishing points.</p>	<p>International & Indian Olympic committee & its organizational set up. Paralympics, Special Olympic Mission, vision etc.</p> <p>Students will know the meaning and importance of Physical Fitness, Wellness & Lifestyle. Components of Physical Fitness and Wellness and Components of Health related fitness (Cardiovascular Fitness, Muscular Strength, Muscular Endurance, Flexibility and Body Composition)</p> <p>Each students will be able to draw volleyball court with all the measurements Equipments and their dimensions.</p> <p>Each students will be able to Draw Athletic track, Types of races Short distance Middle distance Long distance</p> <p>Jumps: Long jump, Triple jump High jump, Pole vault</p>	<p>Discussion on Olympics, Special Olympic Mission oath vision Achievements, Paralympics its categories of Disability etc</p> <p>Students to discuss the textual based questions</p> <p>Discussion on Meaning and Importance of Physical Fitness, Wellness & Lifestyle Components of Physical Fitness and Wellness Components of Health related fitness</p> <p>Students to discuss the textual based questions</p> <p>Discussion on History of volley ball and its equipments</p>	<p>Questions for home assignment</p> <p>Questions will be discussed in the class</p> <p>Questions for home assignment</p>
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	Types of field events (Throwing & Jumping) Terminologies Rules and regulations	Throws: Shotput, Discus throw, Hammer throw and Javelin throw	Discussion on History of athletics, Type of races Types of jumps Types of throws Hurdle races Relay races Steeple chase Baton exchange etc.	Questions will be discussed in the class
JULY	<p><u>Physical Education & Sports for CWSN (Children With Special Needs- Divyang)</u> Aims & objectives of Adaptive Physical Education Organization promoting Adaptive Sports (Special Olympics Bharat; Paralympics; Deaflympics) Concept of Inclusion, its need and Implementation Role of various professionals for children with special needs (Counsellor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist & special Educator)</p> <p><u>Yoga</u> Meaning & Importance of Yoga Elements of Yoga Introduction - Asanas, Pranayam, Meditation &</p>	<p>Each students will be able to</p> <p>Describe the aims & objectives of Adaptive Physical Education Understand the Organization promoting Adaptive Sports Students will know the concept of inclusion, its need and implementation Understand the role of various professionals for children with special needs</p> <p>Each students will be able to</p> <p>Know the meaning of yoga and understand the elements of yoga</p>	<p>Discussion on Special Olympics Bharat; Paralympics; Deaflympics.</p> <p>Discussion on Counsellor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist & special Educator</p> <p>Students to discuss the textual based questions</p> <p>Discussion on Asanas, Pranayam, Meditation & Yogic Kriyas</p> <p>Discussion on Sukhasana; Tadasana; Padmasana &</p>	<p>Questions will be discussed in the class</p> <p>MCQ's</p> <p>Questions for home assignment</p> <p>Questions will be discussed in the class</p>

	<p>Yogic Kriyas Yoga for concentration & related Asanas (Sukhasana; Tadasana; Padmasana & Shashankasana, Naukasana, Vrikshasana (Tree pose), Garudasana (Eagle pose) Relaxation Techniques for improving concentration – Yog- nidra</p>	<p>Understand the difference between Asanas, Pranayam, Meditation & Yogic Kriyas Describe yoga for concentration & related Asanas Know relaxation techniques for improving concentration</p>	<p>Shashankasana, Naukasana, Vrikshasana (Tree pose), Garudasana (Eagle pose) Students to discuss the textual based question</p>	<p>MCQ's Questions for home assignment</p>
AUGUST	<p><u>Physical Activity & Leadership Training</u> Leadership Qualities & Role of a Leader Creating leaders through Physical Education Meaning, objectives & types of Adventure Sports (Rock Climbing, Tracking, River Rafting, Mountaineering, Surfing and Para Gliding) Safety measures to prevent sports injuries</p> <p><u>Test, Measurement & Evaluation</u> Define Test, Measurement & Evaluation Importance of Test, Measurement & Evaluation In Sports Calculation of BMI & Waist - Hip Ratio</p>	<p>Each students will be able to</p> <p>Explain leadership qualities & role of a leader Describe the meaning, objectives & types of adventure sports Understand the safety measures to prevent sports injuries</p> <p>Each students will be able to</p> <p>Define Test, Measurement & Evaluation Understand calculation of BMI & Waist - Hip Ratio</p>	<p>Discussion on Creating leaders through Physical Education Discussion about Rock Climbing, Tracking, River Rafting, Mountaineering, Surfing and Para Gliding Students to discuss the textual based questions</p> <p>Discussion on importance of Test, Measurement & Evaluation In Sports</p>	<p>Questions will be discussed in the class MCQ's Questions for home assignment</p> <p>Questions will be discussed in the class</p>

	Somato Types (Endomorphy, Mesomorphy & Ectomorphy) Measurement of health related fitness	Differentiate between Somato Types Know measurement of health related fitness	Discussion on Endomorphy, Mesomorphy & Ectomorphy Students to discuss the textual based questions	MCQ's Questions for home assignment
SEPTEMBER	<u>Fundamentals of Anatomy, Physiology & Kinesiology in Sports</u> Definition and Importance of Anatomy, Physiology & Kinesiology Function of Skeleton System, Classification of Bones & Types of Joints Properties and Functions of Muscles Function & Structure of Respiratory System and Circulatory System Equilibrium – Dynamic & Static And Centre of Gravity and its application in sports	Each students will be able to Know the function of Skeleton System, Classification of Bones & Types of Joints Understand the Properties and Functions of Muscles Know the Function & Structure of Respiratory System and Circulatory System Describe Equilibrium	Discussion on importance of Anatomy, Physiology & Kinesiology Discussion on Dynamic & Static And Centre of Gravity and its application in sports Students to discuss the textual based questions	Questions will be discussed in the class MCQ's Questions for home assignment

Geography

APRIL-MAY	1.Introduction to the subject (2 days) a) nature and scope b)career option in Geography 1. Geography as a Discipline (WB-5 Days)	Each student will be able to: Explain nature and scope of geography Identify the career option after studying Geography • Each student will be able to: Define geography	Observation through Presentation	-----
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	<p>Introduction Naturalization of Humans and Humanization of Nature Physical geography and natural sciences Branches of Geography.</p> <p>2. The origin and Evolution of the earth (10 days)</p> <p>Binary Theories</p> <p>Modern theories of origin of the universe– Big bang theory and their stages</p>	<p>. Explain three sets of questions related to geography. Analyse the relationship between nature and humans (at least 5points) .</p> <p>List 4 branches of geography based on systematic and regional geography.</p> <p>Explain physical geography and its importance (5 points).</p> <ul style="list-style-type: none"> • Each student will be able to: <p>Explain nebular hypothesis</p> <p>Explain the stages of development of the universe.</p> <p>Analyze the 3 stages of development of planets</p> <p>Difference in 2 theories of stages of</p>	<p>Through presentation, pictures examples will be explained.</p> <p>PPT Presentation</p> <ul style="list-style-type: none"> • Students will be asked questions on naturalization of humans and AMP technique will be used to assess the learning outcome. • Branches of geography will be discussed via concept mapping, • Flow chart • Link for flipped classroom- https://www.youtube.com/watch?v=bl6-4KPsDT0 • Collect Images of humanizing the nature and naturalizing the humans. <p>Brain storming Collaborate learning</p> <p>PPT Presentation</p> <p>Experimental learning – with the help of balloon explain the concept of expanding universe</p>	<p>Mcq questions, hot questions Exercise from text book. Assignments</p> <p>MCQS, Hot questions. Questions based on presentation</p> <p>Assignments</p>
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	<p>Size and location India and its neighbours</p> <p>BOOK-1 3. Interior of the Earth (6 Days) Sources: direct and indirect. Earthquake, types and its effects Structure of the Earth Volcanoes and its types.</p>	<p>List 2 major sources of information about the interior of the earth</p> <p>Explain 2 types of earthquake waves.</p> <p>Analyse the effects of earthquakes (5 points)</p> <p>Describe volcanoes and its types</p>	<ul style="list-style-type: none"> • Brain Storming and use of AMP technique <p>Evaluate the importance of standard meridian (IST) of India</p> <p>Analyse the importance of strategic location of India.</p> <p>Analysing How have trade routes expanded over time</p> <p>Presentation based questions</p> <p>PPT Presentation</p> <ul style="list-style-type: none"> • Flow Chart of sources of interior of the earth • Diagrams of structure of the earth and their characteristics • Collect Images of Volcanoes. • Types of volcanoes • Linked for flipped: https://www.youtube.com/watch?v=N9ncfAsmiSg 	<p>Map work- INDIAN STATES and UTs, Neighbouring countries, latitudinal, longitudinal extent, ISM, Western, eastern, southern northern state/ut. States sharing common international border with Pakistan, Nepal, Bhutan, China, Myanmar, Bangladesh.</p> <p>Mcqs, hot questions</p> <p>Questions based on presentation</p> <p>Mcqs, hot questions</p> <p>Questions based on presentation</p>
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<p>July (WD-22 days)</p>	<p>4. Distribution of Oceans and Continents (4 days) Introduction Continental drift theory and evidences</p> <p>Plate tectonics Types of plate boundaries.</p> <p>5. Minerals and Rocks (5 Days) Introduction Major minerals and their characteristics Metallic and non-metallic minerals Rocks and its types. Rock cycle</p> <p>6. Geomorphic Processes (5 Days) Factors affecting landforms Types of geomorphic processes Weathering: physical, chemical and biological Mass wasting</p>	<p>Each student will be able to: Describe continental drift theory with evidences Define pangea and panthalassa Explain the distribution of earthquakes and volcanoes in the world. List major seven plates Illustrate three types of plate boundaries. Explain movement of Indian plate.</p> <p>• Each student will be able to: Explain the composition and characteristics of various minerals Distinguish between metallic and non-metallic minerals Define petrology Describe rock cycle Explain the formation of igneous, sedimentary and metamorphic rocks.</p> <p>Each student will be able to: Define geomorphic process Explain diastrophic movements</p>	<ul style="list-style-type: none"> • Map of continental drift theory- Students will observe the map and evidence of continental drift theory • Images of evidence of continental drift theory • Map of plate boundaries • student will demonstrate the movement of plate boundaries • GIF file of movement of Indian plate • Link for flipped classroom- https://www.youtube.com/watch?v=oOi542f5p0Y Students will observe and locate the ring of fire on the world map with justification to its name. • Images of various minerals and rocks. • Link for flipped classroom- https://www.youtube.com/watch?v=uAAeFB7Tv5A • Students will be asked a question on types of rocks on the basis of formation and AMP technique will be used to assess. • Audiovisual link for geomorphic processes. • Diagram of soil profile. Flow chart for weathering. Students will draw soil profile. Students will do concept mapping for types of weathering. <p>Pictures and diagrams of the features formed by the different agents of gradation</p>	<p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, MAP WORK GOOGLE FORM Picture based question</p> <p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, GOOGLE QUIZ Picture based question</p> <p>MCQS,</p>
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<p>*** deleted lessons by CBSE ON 7/7/2020</p>	<p>Factors affecting soil formation</p> <p>7. Landforms and their Evolution (5 Days) ***</p> <p>Agents of change Working of running water, glaciers and wind Erosional and depositional landforms Coastal topography, desert landforms.</p> <p>8: Composition and Structure of Atmosphere (4 Days) Introduction Major gases and their roles Layers of atmosphere Elements of weather and climate</p> <p>9. Solar Radiation, Heat Balance and Temperature (4+1=5Days) Radiation, variability of Insolation at the surface of the earth. Heating and cooling of the atmosphere. Factors controlling temperature Horizontal and vertical distribution of temperature. Inversion of temperature.</p>	<p>Describe weathering and its role in soil formation Define mass wasting and list its types Explain slow movements and rapid movements</p> <p>Each student will be able to: Explain stages of river. Illustrate the formation of v-shaped valley, waterfall, moraines (features formed by Glaciers). Describe the role of sea waves. Explain the formation of coastal and desert landforms.</p> <p>Each student will be able to: Define atmosphere and its importance List importance of CO₂ and O₂ in the atmosphere Describe the significance of water vapour and dust particles in the atmosphere. Explain the importance of troposphere</p>	<ul style="list-style-type: none"> • Images of landforms. Students will draw types of landforms • Newspaper clippings Audiovisual on formation of landforms. Students will discuss movement of wind and water for formation of landforms. • Flow chart for types of landforms. • Students will discuss the characteristics of each atmospheric layer. Students will draw the structure of atmosphere. Students will be quizzed on composition of atmosphere. <p>Audiovisual on layers of atmosphere</p> <p>Students will discuss the effectiveness of sunrays when fallen upon at different angles. Diagram of horizontal and vertical distribution of temperature</p> <ul style="list-style-type: none"> • Audiovisual on convection and reduction processes. 	<p>ASSIGNMENTS, QUESTION AND ANSWERS, Picture based question</p> <p>MAP WORK</p> <p>GOOGLE FORM</p> <p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, MAP WORK</p> <p>GOOGLE FORM</p> <p>Picture based question</p>
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		<p>and stratosphere(min 3 points)</p> <p>Each student will be able to: Define radiation Explain the effect of slope and latitude on insolation Define convection and conduction. Define isotherms. Illustrate horizontal and vertical distribution of temperature. Analyse the reason behind inversion of temperature. List and explain the factors controlling temperature.</p>	<ul style="list-style-type: none"> Flow chart on factors controlling temperature Brain Storming session on factors controlling temperature. Students will be quizzed upon concept taught. Map Activity 	<p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, GOOGLE FORM Picture based question</p> <p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, GOOGLE FORM Picture based question</p>
<p>August (WD- 20 days)</p>	<p>Continuing the chapter- 9. Solar Radiation, Heat Balance and Temperature (1Days)</p> <p>10. Atmospheric Circulation and Weather system (5 Days)</p>	:		

	<p>***</p> <p>Atmospheric pressure and its importance Distribution of atmospheric pressure Types of winds Origin of monsoons Air mass and fronts Cyclones and its types</p> <p>11. Water in the Atmosphere (5 Days)</p> <p>Significance of water vapour and dust particles Source and distribution Cloud and its types Precipitation and its forms</p> <p>12. World climate and climate change (2 days)</p> <p>***</p> <p>Koepfen's classification of climate Climate change(causes)</p> <p>13. Water (Oceans) (3 Days)</p> <p>***</p> <p>Hydrological cycle Factors affecting ocean water temperature Salinity: factors affecting salinity.</p>	<p>Each student will be able to: Define atmospheric pressure with its unit Understand the use of barometer Define isobar and its importance Classify winds Distinguish between warm and cold front Describe different types of cyclones</p> <p>Each student will be able to: Define evaporation, humidity and condensation Explain forms of condensation. Describe formation of clouds. Classify clouds on the basis of height.</p>	<p>Students will share their gathered information. Students will draw the types of fronts. Students will discuss the difference between types of cyclones. Students will do the map activity. World map-Cyclone regions</p> <p>Students will draw the types of precipitation.</p> <p>Students will discuss the appearance of types of clouds.</p> <p>Students will observe clouds in the city and discuss. STUDENTS WILL PRESENT THEIR PPT ON PICTURES CLICKED OF TYPES OF CLOUDS.</p>	<p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, GOOGLE FORM</p> <p>Picture based question</p> <p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, GOOGLE FORM</p>
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	<p>14. Movements of Ocean Water (4 Days) Types of movements in ocean water. Causes of waves Tides: types and formation Ocean Currents: meaning, types, significance.</p> <p>15. Life on the Earth (3 Days) Ecology: types of ecosystems, structure and function. Ecological balance</p> <p>16. Biodiversity and Conservation (2 Days) *** Introduction Levels of biodiversity Importance of biodiversity Loss of biodiversity IUCN classification of threatened species Conservation of biodiversity</p> <p>3. Drainage (6 Days) Introduction Drainage system in India Himalayan rivers and Peninsular rivers. Patterns of drainage system River regime Utilization of river water</p>	<p>Each student will be able to: Explain Koeppen's classification of climate Analyse the causes of climate change.</p> <p>Each student will be able to: Justify earth as a blue planet. List elements of hydrological cycle. Describe factors affecting temperature distribution of ocean water. Explain salinity in open and closed seas.</p> <p>Each student will be able to: Define waves and its causes Describe origin of tides List and explain types of tides. Distinguish between cold and warm currents Explain importance of tides and ocean currents</p>	<p>Students will discuss the Koeppen's scheme of classification of climate.</p> <p>Brain storm and draw a flow diagram representing the climate change.</p> <p>Map of salinity and temperature of water bodies. Diagram of thermo cline and halocline. Flow chart of factors affecting salinity of oceans Students will draw hydrological cycle. Students will discuss the factors affecting temperature of water bodies on earth. Students will analyse the closed and open water bodies and its variation of salt content</p> <p>Students will draw characteristics of waves. Diagram of how tides occur. Students will observe warm and cold ocean currents on the world map. Students will analyse the pattern of their movement.</p>	<p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, GOOGLE FORM</p> <p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, GOOGLE FORM Picture based question</p> <p>MCQS, ASSIGNMENTS,</p>
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	<p>5. Natural Vegetation (1+6=7 Days) Introduction Major types of natural vegetation National forest policy Forestry Forest cover in India Wildlife: Management Biosphere reserves</p>	<p>Each student will be able to: Define ecology. List types of ecosystems Explain structure and function of ecosystem List types of biomes Analyse ecological balance</p> <p>Each student will be able to: Define biodiversity List three levels of biodiversity List and explain the importance of biodiversity Write a note on loss of biodiversity Classify threatened species Suggest measures to conserve biodiversity.</p> <p>Each student will be able to: Define watershed, drainage. Classify river basins Distinguish between Himalayan and peninsular rivers. Write a note on patterns of drainage.</p>	<p>Flow diagram for structure and function of ecosystem.</p> <p>Discussion on ecological balance.</p> <p>Audiovisual on biogeochemical cycles.</p> <p>Students will discuss the reasons for loss of biodiversity.</p> <p>Students will be quizzed on IUCN classification</p> <p>Students will locate and label biological hotspots of the world</p> <p>Map of drainage system of India.</p>	<p>QUESTION AND ANSWERS, GOOGLE FORM Picture based question</p> <p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, GOOGLE FORM</p> <p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, GOOGLE FORM</p>
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		<p>Explain river regime Analyse the level of utilization of river water.</p> <p>Each child will be able to: List and explain types of forests in India. Explain National forest policy Write a short note on forest cover in India. List problems faced by wildlife Suggest measure to conserve wildlife Locate various biosphere reserves in India</p>	<p>PowerPoint presentation of rivers of India.</p> <p>Diagrams of river regime and drainage patterns</p> <p>Flow diagram of types of natural vegetation</p> <p>Map activity on biosphere reserves of India</p> <p>Audiovisual on loss of biodiversity</p>	<p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, GOOGLE FORM</p> <p>MCQS, ASSIGNMENTS, QUESTION AND ANSWERS, GOOGLE FORM</p> <p>Map work</p>
<p>September (WD- 22 Days)</p>	<p>Continuing the lesson 5. Natural Vegetation (6 DAYS)</p>			<p>Assessment- 1</p>

	REVISION WORK	Students will learn the lesson	REVISION	(11/9/2020) Class tests
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Economics

April / May	<p><u>STATISTICS FOR ECONOMICS</u></p> <p><u>WHAT IS ECONOMICS</u></p>	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • Understand how economics is linked with the study of economic activities in consumption, production and distribution. • Differentiate 4 points between Economic and Non-Economic activities. • Define Economics. • Distinguish 3 points Economics as Science and Art. • Discuss three points of functions and importance of statistics. <p>Each student will be able to:</p> <ul style="list-style-type: none"> • Categorize 4 different activities in an economy as economic or non-economic activity. 	<ul style="list-style-type: none"> • During the day, identify atleast 10 activities undertaken by your family members and categorise them into economic and non-economic activities. • Brain storming activities used for explaining good and bad impacts of Collected Data. • <u>Data on Covid</u> and its presentation in different forms. • Identify activities for Statistics as science or art. • Discussion on “ Economics is a study of scarcity”. • Discussion on ‘ Statistics these days is indispensable for dealing with Socio-economic problems’. • <u>Covid data</u>-‘ Statistics is science of counting’. • <u>Covid data</u> ‘ Statistics affects everybody and touches life at many points’. • ‘The Government and policy maker use statistical data to formulate suitable policies of economic development’. Illustrate with two examples. • <u>Covid cases</u>- economics a positive or normative science 	<ul style="list-style-type: none"> • Worksheets, • Online Quiz/MCQs' • HOTS questions • Crossword activity.
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PRODUCTION POSSIBILITY

**Central problems -
Production possibilities frontier**

- Interrelate in 3 points micro and macro concepts.
- Apply the law of diminishing marginal utility in different situations in life for different commodities.
- Analyse diagrammatically changes that happen when price in the market changes and how the consumer's behaviour changes keeping income given.

Each student will be able to:

- Identify the concept of Demand.
- Analyse the 4 factors affecting Demand.
- Derive the Law of Demand.
- Represent the movements and Shifts in demand curve diagrammatically.
- Analyse the factors affecting demand.
- Interpret the theory related to the calculations of demand to practice by doing the numericals.

- Unemployment is reduced due to measures taken by the government. Identify its economic value.
- Discuss the long term impact of Beti Bachao program on India's PPC.
- When can there be
 - a. Rotation of PPC.
 - b. Shift of the PPC.
 - c. State whether the following are True or False
- Due to this **pandemic** if business from China shifts to India then- impact on the PPC.
- Game- dividing the class into 2 resources(guns and butter). Teacher as finance minister has to take a decision on what, how and for whom to produce.

What causes the following(Different cases)
a. An upward movement along the demand curve

- Worksheets,
- Online Quiz/MCQs'
- HOTS questions

- Worksheets,
- Online Quiz/MCQs'

	<p><u>DEMAND</u></p> <p><u>ELASTICITY OF DEMAND</u></p>		<p>b. A downward movement along the demand curve c. A right shift of the demand curve. d. A left shift of the demand curve.</p> <p>What is the effect on the demand curve of the following: a. Fall/rise in the price of a substitute good b. Fall/rise in the price of a complement good.</p> <p>Find any two ways demand for electricity can be decreased when price elasticity of demand is extremely low.</p>	<ul style="list-style-type: none"> • HOTS questions
<p>July 2020</p> <p>23</p>	<p><u>Collection of Data</u></p>	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • Relate the topic to day to day activity. • understand the meaning and purpose of data collection. • Identify sources of Data • Classify methods of collection of data as Primary or secondary data on the basis of its collection. • distinguish between primary and secondary sources; • know the mode of collection of data; • be familiar with the techniques of sampling; • Collect information from the informant through personal interview. • Draft a Questionnaire 	<ul style="list-style-type: none"> • Brain storming activities used for explaining good and bad impacts of Collected Data. • <u>Data on Covid</u> of different states. • Assignment for data collection interview your domestic help asking questions on how he/she manages time between work and leisure. • There are 10 students in your school who excel in the game of cricket. All are equally brilliant , but you are to select only 3 for representing your school in the inter zonal cricket tournament. How would you do it. Give details with reasons. • Prepare a questionnaire on should Board exams of CBSE be conducted due to covid pandemic. • You have to collect information from a person, who lives in a remote village of India. Which mode of data collection will be the most appropriate for collecting information from him? • You have to interview the parents about the quality of teaching in a school. If the principal of the school is present there, what types of problems can arise? • In which years will the next Census be held in India and China? • If you have to study the opinion of students about the new 	<ul style="list-style-type: none"> • Worksheets, • Online assessment - Quiz/MCQs' • HOTS questions • oral questions • practice worksheet

		<ul style="list-style-type: none"> • Conduct Surveys. • Collect information from secondary source . • know about some important sources of secondary data. 	<p>economics textbook of class XI, what will be your population and sample?</p> <ul style="list-style-type: none"> • If a researcher wants to estimate the average yield of wheat in Punjab, what will be her/his population and sample? • You have to analyse the trend of foodgrains production in India for the last fifty years. As it is difficult to include all the years, you have to select a sample of production of ten years. Using the Random Number Tables, how will you select your sample? 	
	ORGANISATION OF DATA.	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • Define classification. • Identify three objectives of classification and highlight the main methods of classification. • Organize raw data in the form of individual series and Frequency series. • be familiar with the method of tally marking; • Compute continuous series into inclusive or exclusive series. • Compute cumulative series. • Identify upper and lower class limit. • Find the class size, mid value and class frequency. • Convert cumulative series into continuous series. 	<ul style="list-style-type: none"> • Can there be any advantage in classifying things, explore with the help of an example from your daily life. • Visit your local post-office to find out how letters are sorted. Do you know what the pin-code in a letter indicates? Ask your postman • Collect data of total weekly expenditure of your family for a year and arrange it in a table. See how many observations you have. Arrange the data monthly and find the number of observations. • Distinguish the following variables as continuous and discrete: Area, volume, temperature, number appearing on a dice, crop yield, population, rainfall, number of cars on road, age • From your old mark-sheets find the marks that you obtained in mathematics in the previous classes. Arrange them year-wise. Check whether the marks you have secured in the subject is a variable or not. Also see, if over the years, you have improved in mathematics 	<ul style="list-style-type: none"> • Worksheets, • Online Quiz/MCQs' • HOTS questions • oral questions • practice worksheet
	PRESENTATION OF DATA	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • Represent Covid cases of the World in tabular, diagrammatic and Graphic presentation. • Represent Cricket scores of the 	<ul style="list-style-type: none"> • Data on Covid and its presentation in different forms. • Construct a table presenting data on preferential liking of the students of your class for Star News, Zee News, BBC World, CNN, Aaj Tak and DD News. • Prepare a table of (i) heights (in cm) and (ii) weights (in kg) of students of your class. 	<ul style="list-style-type: none"> • Worksheets, • oral questions • practice worksheet • Online Quiz/MCQs'

		<p>World Cup in tabular, diagrammatic and Graphic presentation.</p> <ul style="list-style-type: none"> • Explain the parts of a Table • Define tabulation. • Explain the merits of tabulation • Present the data in diagrammatic and Graphic presentation. • Construct Bar diagram, multiple bar diagram, sub divided bar diagram, pie diagram. • Follow various rules for constructing diagrams. • Appreciate the universal utility of a diagram. • Construct Histogram, Polygon and Ogive. 	<ul style="list-style-type: none"> • Go to your library and collect data on the number of books in economics, the library had at the end of the year for the last ten years and present the data in a table. • Construct a table presenting data collected from students of your class according to their native states/residential locality • You had constructed a table presenting the data about the students of your class. Draw a bar diagram for the same table. • How many states (among the major states of India) had higher female literacy rate than the national average in 2001? 	<ul style="list-style-type: none"> • HOTS questions
<p>August 2020</p> <p>19</p>	<p>MEASURES OF CENTRAL TENDENCY</p>	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • Reason out the characteristics of a representative average. • understand the need for summarising a set of data by one single number; • Do Computation of mean. • Compute mean in individual series by direct and shortcut methods. • Compute mean in discrete series by direct, shortcut and step deviation methods. • Compute mean in continuous 	<ul style="list-style-type: none"> • From data on <u>Covid</u> of different states compute its mean. • Find average monthly expenditure for your household. 	<ul style="list-style-type: none"> • Worksheets, • Online Quiz/MCQs' • oral questions • practice worksheet • HOTS questions <p>Assessment- 21/8/20</p>

		<p>series by direct, shortcut and step deviation methods.</p> <ul style="list-style-type: none"> draw meaningful conclusions from a set of data. 		
	POSITIONAL AVERAGE AND PARTITION VALUES	<p>Each student will be able to:</p> <ul style="list-style-type: none"> Compute value of Median, Mode, and Quatiles and interpret its result. 		<ul style="list-style-type: none"> Worksheets, Online Quiz/MCQs' HOTS questions
September 2020 9	Production function and Returns to a Factor	<p>Each student will be able to:</p> <ul style="list-style-type: none"> Give the production function. Define the law of returns to a factor. Draw schedule for law of variable proportions. Infer law of variable proportions in short run production function. Give reasons for three phases of production in short run. 	<p>Ask students to make note of any signs of producers they see. For instance, they might see a label that shows a publishing company for books they see all over your school. In the community, they might see a storefront for a small business. Then, ask students to come together to share their findings and make a poster representing the most common producers they saw during this walk.</p> <p>Paper chain factory using four factors of production. Keep increasing variable factor and observe the changes in production that take place.</p>	<ul style="list-style-type: none"> Worksheets, Online Quiz/MCQs' HOTS questions

Psychology

Psychology				
April / May	<p>Chapter 1: What is Psychology?</p> <ul style="list-style-type: none"> Psychology as a Discipline Psychology as a Natural Science Psychology as a Social Science Understanding Mind and Behaviour Popular Notions about the Discipline of 	<p>Each student will be able to:</p> <ul style="list-style-type: none"> Explain the nature and role of psychology in understanding mind and behaviour State the growth of Psychology Describe the different schools of 	<ul style="list-style-type: none"> Discussion on what each students thinks about Psychology as a discipline. Exploring how music acts as a therapy and how certain songs have proven to benefit patients medically. Identification of overt and covert behaviours in everyday life. 	<ul style="list-style-type: none"> Assignments Practice sheets MCQ

	<p>Psychology</p> <ul style="list-style-type: none"> • Evolution of Psychology • Development of Psychology in India • Branches of Psychology <p>Chapter 1: What is Psychology?</p> <ul style="list-style-type: none"> • Themes of Research and Applications • Psychology and Other Disciplines • Psychologists at Work • Psychology in Everyday Life <p>Chapter 2: Methods of Enquiry in Psychology</p> <ul style="list-style-type: none"> • Goals of Psychological Enquiry • Steps in Conducting Scientific Research • Alternative Paradigms of Research • Nature of Psychological Data • Some Important Methods in Psychology <ul style="list-style-type: none"> - Observational Method - Experimental Method - Correlational Research - Survey Research - Psychological Testing - Case Study 	<p>Psychology</p> <ul style="list-style-type: none"> • Explain the various branches of Psychology <p>Each student will be able to:</p> <ul style="list-style-type: none"> • Explain the relationship of Psychology with other disciplines • Describe the different fields of psychology • State the various professions of psychologists • Explain the goals and nature of psychological enquiry • Describe some important methods of psychological enquiry • Identify independent and dependent variables • Create a hypothesis 	<ul style="list-style-type: none"> • Creating hypothesis from research questions • Identifying different types of variables in a given hypothesis <p>Determining the most appropriate method of enquiry for different research problems.</p>	<ul style="list-style-type: none"> • Assignments • Practice sheets • Google MCQ • Weekly assessment
July	Chapter 3:	Each child will be able to:	<ul style="list-style-type: none"> • Brain hat would be made to show the four lobes of 	<ul style="list-style-type: none"> • Assignments

	<p>The Bases of Human Behaviour</p> <ul style="list-style-type: none"> Evolutionary perspective on human behavior. Biological and cultural roots; Nervous system and endocrine system. Role of neurotransmitters in behavior. Genetic bases of behavior. Cultural and human behavior <ul style="list-style-type: none"> Socialization, - Enculturation, - Globalization, - <p>Diversity and pluralism in the Indian context.</p>	<ul style="list-style-type: none"> Explain the evolutionary perspective on human behavior. State the functions of endocrine glands Explain the role of genetic factors in determining behaviour Explain the role of neurotransmitters Differentiate between sympathetic and parasympathetic nervous system Describe the processes of enculturation, socialization and acculturation 	<p>cerebrum</p> <ul style="list-style-type: none"> Role Play to show acculturation Discussion on whether psychologist should study physiology or not 	<ul style="list-style-type: none"> Practice Sheets <p>MCQ</p>
August	<p>Chapter 4: Human Development</p> <ul style="list-style-type: none"> Meaning of development Life-span perspective on development Bronfenbrenner's contextual view of development. Overview of developmental stages <ul style="list-style-type: none"> -Prenatal development - Infancy - Childhood - Adolescence 	<p>Each child will be able to:</p> <ul style="list-style-type: none"> Describe the meaning and process of development Explain the influence of heredity and environment on human development Identify the stages of development <p>Describe the major characteristics of infancy, childhood and adolescence</p>	<ul style="list-style-type: none"> Memory book will be made by citing own childhood experiences and pasting photographs and then categorizing them on the basis of Piaget's theory. <p>Discussion on euthanasia</p>	<ul style="list-style-type: none"> Assignments Practice Sheet <p>MCQ</p>
September	<p>Chapter 5: Sensory, Attentional and Perceptual Processes</p>	<p>Each child will be able to:</p> <ul style="list-style-type: none"> Describe the nature of stimuli Differentiate between selective 	<ul style="list-style-type: none"> Painting will be made for monocular cues Negative after images will be formed by students in class Expectancy would be demonstrated by showing A, 13, C, 	<ul style="list-style-type: none"> Assignments Practice Sheet

	<ul style="list-style-type: none"> • Knowing the world • Nature of stimuli • ****Sense Modalities <ul style="list-style-type: none"> -Visual sensation -Auditory sensation • Attention : <ul style="list-style-type: none"> -selective attention -sustained attention • Perceptual Processes • The Perceiver • Principles of perceptual organisation. • Perception of space, depth and distance. • Perceptual constancies • Illusions • Socio-cultural influences on perception. 	<p>and sustained attention</p> <ul style="list-style-type: none"> • State the principles of perceptual organization. • Describe perceptual constancies • Differentiate between monocular and binocular cues • Explain illusions • Explain socio-cultural influences on perception. 	<p>D on the screen for 5 seconds and asking students to tell what they saw.</p> <p>Retinal disparity will be shown through movement of a pencil</p>	<ul style="list-style-type: none"> • MCQ <p>Assessment Round II on 11/09/20</p>
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Mathematics

April / May	<p><u>10</u></p> <p>Topic : Sets</p>	<p>Each child will be able to</p> <ul style="list-style-type: none"> *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 Union, intersection, compliment, difference 	<p>Questions from Assignment on Sets discussed.</p> <p>Students verified distributive law for three given non-empty sets</p> <p>NCERT and Assignment discussed in class through Google Meet</p>	<p>Oral Questioning</p> <p>Assignments</p> <p>Google forms based on Sets (15 Marker Test)</p>
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	<p>19</p> <p><u>Topic :</u> Mathematical Induction</p> <p>Topic: Complex Numbers and Quadratic Equations</p> <p>Topic: Conic Sections(Introduction)</p>	<p>*solve practical problems on union and intersection of sets</p> <p>*apply the concept of Venn diagrams for solving statement questions.</p> <p>Each child will be able to</p> <p>*define deductive and inductive method</p> <p>*differentiate btw inductive and deductive method</p> <p>*define a mathematical statement.</p> <p>*state the Principle of Mathematical Induction</p> <p>*prove mathematical statements using the Principle of Mathematical Induction</p> <p>Each child will be able to</p> <p>*recognize the need of a system of numbers beyond R</p> <p>*define iota.</p> <p>*define a complex number</p> <p>* find the sum, difference, quotient and product of two complex numbers</p> <p>*define conjugate and modulus of z</p> <p>*state the properties of modulus and conjugate of z</p>	<p>Geometrical and Polar representation of Complex Number</p> <p>NCERT and Assignment discussed in class through Google Meet</p> <p>Art Integration: Using desmos graphing calculator making different shapes/monuments (application of conics)</p>	<p>Oral Questioning</p> <p>Assignments</p> <p>Google Form</p>
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		<ul style="list-style-type: none"> *represent the complex number in polar form * understand various forms of conics 		
July	<p>Teaching days 23</p> <p>Relations and Functions (10)</p>	<p>Each child 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 and arrow diagram form *find the domain and range of a relation *define a function and find the domain and range of a function *list the various types of function 	<p>Hook Activity: Discussion on Applications of Relations and Functions</p> <p>Students will practice solved examples of NCERT at home which will help in further solving questions from Exercises</p> <p>Students will solve Exercises from chapter 2 (NCERT)</p> <p>Students will solve questions from Assignment</p> <p>Students will watch the relevant video at home: Khan academy video on the concept Relations and Functions https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-linear-equations-functions/cc-8th-function-intro/v/relations-and-functions</p> <p>Hook Activity: Discussion on Applications of Trigonometric Functions</p> <p>Students will solve Exercises from chapter 3 (NCERT)</p> <p>Students will solve questions from Assignment</p> <p>Formulae sheet</p> <p>Art Integration</p>	<p>Through small tests in fundamentals</p> <p>Google form</p> <p>Oral Questioning</p> <p>Practice Paper</p> <p>Class work</p> <p>Homework</p>

**Trigonometric
Functions (11)**

Each child will be able to:
*define a periodic function.
*find the trigonometric ratio over the domain R
*state and apply trigonometric formulas for
 $\cos(A \pm B)$, $\sin(A \pm B)$ $\tan(A \pm B)$

Types of Functions:



SE Activities
Lab Activities

Through small tests in fundamentals

Google form

Oral Questioning

Practice Paper

Class work

Homework

Through Holiday Homework based on art Integration:
Using Desmos software design a monument using various

				<p>functions</p> <p>Neatness and accuracy of paper work done</p>
	<p>Lab activities (2)</p>	<p>1) To find the number of subsets of a given set and verify that if a set has n number of elements, then the total number of subsets is 2^n</p> <p>2) To verify that for two sets A and B, $n(A \times B) = p \cdot q$ and the total number of relations from A to B is $2pq$, where $n(A) = p$ and $n(B) = q$</p>		
August	<p>Teaching Days 19</p> <p>Trigonometric</p> <p>Functions (contd.) (5)</p>	<p>Each child will be able to:</p> <ul style="list-style-type: none"> * State the C/D and product formulas * State the half angle formulas * solve trigonometric Equations <p>**** General Solutions of trigonometric equations of the type $\sin y = \sin a$, $\cos y = \cos a$ and $\tan y = \tan a$.</p>	<p>Students will practice solved examples of NCERT at home which will help in further solving questions from Exercises</p> <p>Students will solve Exercises from chapter 3 (NCERT)</p> <p>Students will solve questions from Assignment</p> <p>Discussion on the Video seen at home: https://www.youtube.com/watch?v=gp5efC2n0iM</p> <p>Students will practice solved examples of NCERT at home which will help in further solving questions from Exercises</p>	<p>Test on Formulas</p> <p>Through Class Test</p> <p>Oral questioning through Google hangout meet</p> <p>Class work</p> <p>Homework</p>

Limits and Derivatives (12)

- Each child will be able to:
- *define limit of a function
 - *perceive the geometrical interpretation of limits
 - *evaluate the limit of various functions
 - *define derivative of a function at a point
 - *perceive the geometrical interpretation of derivatives
 - *evaluate derivatives using the method of first principle.
 - *learn the formulas of derivatives of some standard functions
 - *perceive the concept of chain rule, quotient rule and product rule
 - *apply the knowledge gained in differentiating functions.

Students will solve Exercises from chapter 13 (NCERT)

Students will solve questions from Assignment

Experiential Activity:

Students will verify the geometrical significance of derivative

Through small tests in fundamentals

Google form

Oral Questioning

Practice Paper

Class work

Homework

September	Teaching Days 22 Linear Inequalities (5)	<p>Each child will be able to:</p> <ul style="list-style-type: none"> *define an Inequation *find algebraic as well as graphical solutions of linear inequations in one variable *find graphical solutions of linear inequations in two variables *Find the solutions of system of linear inequations in two variables 	<p>Students will practice solved examples of NCERT at home which will help in further solving questions from Exercises</p> <p>Students will solve Exercises from chapter 6 (NCERT)</p> <p>Students will solve questions from Assignment</p> <p>Students will watch the video: https://www.youtube.com/watch?v=z1-uYS6hsHQ</p> <p>Experiential Activity:</p> <p>1) Students will verify that the graph of a given inequality, say $5x + 4y - 40 < 0$, of the form $ax + by + c < 0$, $a, b > 0$, $c < 0$ represents only one of the two half plane</p> <p>2) Geogebra Software : Shading the area under the lines</p> <p>Students will practice solved examples of NCERT at home which will help in further solving questions from Exercises</p> <p>Students will solve Exercises from chapter 10 (NCERT)</p> <p>Students will solve questions from Assignment</p>	<p>Through Google Forms</p> <p>Oral Questions</p> <p>Classwork/ Homework</p> <p>Assignments</p> <p>Weekly test 11/09/2020</p>

Straight Lines(14)

- Each child will be able to:
- *find the slope of a line
 - *convert various forms of equation of a line: one-point form, two point form, slope-intercept form, intercept form, normal form
 - *find the equation of a line using the various forms of line
 - *calculate the distance of a point from a line
 - *perceive the concept of family of lines
 - *define concurrency of lines
 - *Interpret the given data to form the equation of line.
 - ****perceive the concept of shifting of origin

Art Integration:
Finding slope of a line



[Students will watch the video:](https://www.youtube.com/watch?v=qnMaWTmdbKk)
<https://www.youtube.com/watch?v=qnMaWTmdbKk>

Through small tests in fundamentals

Google form

Oral Questioning

Practice Paper

Class work

Homework

Conic Section
(Introduction) (3)

Each child will be able to:
*state and explain various sections of a cone
*write the equation of a circle with given radius and centre
*find the centre and radius of a circle

Oral Questioning

Class work

Homework