



**TAGORE INTERNATIONAL SCHOOL
VASANT VIHAR, NEW DELHI**

PARENTS SYLLABUS (2021-22)

CLASS X

April-May

Subject	Topics Covered / No. of Periods	Learning outcome	Activities	Assessments
Mathematics April	<p>Bridge course Areas of Parallelograms (2)</p> <p>Mean , Median and mode of Ungrouped Data (2)</p> <p>Real Numbers Euclid's Division Lemma(2) The Fundamental Theorem of Arithmetic(2) Revisiting Irrational Numbers(2)</p>	<p>Each child will be able to -find area of triangle,parallelogram and trapezium. -Verify that the areas of parallelograms between same parallels and having same base are equal State the requirement of collecting and organizing data Find mode, median of ungrouped data</p> <p>-Define mean median and mode of an ungrouped data -Solve questions based on the above concept</p> <p>Each child will be able to -recall HCF, LCM , prime factorization, irrational numbers</p>	<p>Activity using GeoGebra</p> <p>Research based</p> <p>Opinion sharing : Is statistics an art or science ? Online using Padlet</p> <p>Hook Activity: Venn Diagram on Real numbers Task sheet Sort the numbers in the right category: integers,rational and irrational etc.</p> <p>Experiential Learning Group work Find the HCF / LCM as the case maybe of given Statement questions Activity: Mind Map</p> <p>Energizer Activity:</p>	<p>Online Assignments</p> <p>Class work</p> <p>Home work</p> <p>Short written class test</p> <p>Google form objective type questions On irrational numbers</p> <p>Quiz</p> <p>Case studies</p>

<p style="text-align: center;">May</p>	<p>Polynomials Geometrical meaning of the zeroes of the polynomial(2) Relationship between zeroes and coefficients of a polynomial(2) Division algorithm of polynomials(2)</p> <p>Pair of linear equations in 2 variables Graphical Solution(2) Algebraic Method -Substitution(1) -Elimination(2) -Cross Multiplication Equations reducible to a pair of linear equations in 2 variables(2)</p> <p>Quadratic Equation (6 classes) Standard form of quadratic equation(1) Solution of a quadratic equation by factorization (1)</p>	<p>-state Euclid's Division Lemma and Fundamental Theorem of Arithmetic -apply Euclid's algorithm to find HCF of two numbers -apply Fundamental Theorem to find the HCF and LCM of 2 or more numbers - prove the irrationality of a given number -find whether a given number has terminating or non terminating decimal expansion and also find its expansion.</p> <p>Each child will be able to -identify linear, quadratic and cubic polynomials -know meaning of zeroes of a polynomial -correctly identify and also verify relationship between coefficients and zeroes of a polynomials. -apply division algorithm for polynomials</p> <p>Each child will be able to- Identify a system of linear equations.</p>	<p>Deep Breathing For concentration</p> <p>Flipped learning Activity:</p> <p>Geometrical meaning of the zeroes of the polynomial - From the textbook</p> <p>To graph quadratic polynomials to find out their geometrical representations</p> <p>Research Find out about palindrome and anti palindromic polynomials</p> <p>Hook activity : Discuss on what a linear equation represents and consistency of Lines. Flipped learning Activity: 1)Graphical Method: from textbook 2)Algebraic Methods: youtube videos or khan academy videos 3) Equations reducible to a pair of linear equations in 2 variables</p> <p>Experiential Learning: Hands on Lab Activity: To find the conditions of consistency through activity (Graphically)</p>	<p>Class Test and</p> <p>Google form objective type questions On polynomials</p> <p>Quiz Case studies</p> <p>Group activities Weekly Test</p> <p>Lab Activities: To find the conditions of consistency (Graphically) To prove whether a given sequence of numbers is an AP or not by Paper cutting and pasting method</p>
---	---	--	---	--

	<p>Roots of a quadratic equation by Quadratic formula (2) Nature of roots(2)</p> <p>Arithmetic Progression (6 classes) nth term of an AP (3) Sum of first n terms of an AP (3)</p>	<p>-solve a system of linear equations algebraically and graphically -acquire skill in plotting graph - acquire skill in translating verbal statements to equations -identify consistency and inconsistency through algebraic conditions and also through graphs -solve the pair of linear equations by substitution , elimination and cross multiplication methods -reduce a pair of equations to linear equations and solve them. -identify and learn the basic form of a quadratic equation -correctly compute discriminant -use the discriminant to find the nature of roots -solve quadratic equation by factorization -solve statement questions by framing quadratic equation.</p> <p>Each child will be able to -understand the meaning of AP, -the common difference, first term, -number of terms of an AP -develop mastery of basic algebraic skills by -finding out the missing term $a_n = a + (n-1)d$</p>	<p>Flipped learning Activity: Solution of a quadratic equation by i) factorization - Recall 2) completing the square-you tube video 3)Roots of a quadratic equation by quadratic formula Nature of roots-From the book</p> <p>Brainstorming Skill Practice</p> <p>Experiential Activity: 1)To prove whether a given sequence of numbers is an AP or not by Paper cutting and pasting method 2) To find the sum of first n natural numbers by graphical method. Hook Activity : Video Discussion on AP Pinterest</p>	
--	---	--	--	--

<p>English</p> <p>APRIL</p>	<p>BRIDGE COURSE GRAMMAR *Reported speech 2 classes</p> <p>Poetic devices 2 Classes</p> <p>FIRST FLIGHT A Letter to God ~ G.L.Fuentes (4 classes)</p>	<p>Each child will be able to- *use reported speech appropriate to the context in speech and in writing. *State the rules by an understanding of the examples and the usage of reported speech in a given context</p> <p>Each child will be able to *identify and appreciate significant literary devices such as, metaphor, imagery, symbol, simile, personification, onomatopoeia, in poetry *Identify the above in the variety of poems studied in class IX and in pop songs</p> <p>Each student will be able to -Answer the question based on the visuals on people in prayer -Express agreement/disagreement on the given statements - recall some interesting facts about natural disasters like rain and hailstorms. - list some problems that farmers can face _ Suggest two ways the farmer can deal with them</p>	<p>Group activity- Experiential groups of three students in each group Role play – The awesome threesome investigate school heroes who have worked for a cause Review Collaborative- *Write a short dialogue between the investigator and the hero, based on the role play. * Change the dialogue to reported speech in a short paragraph, using apt reporting verbs. (the third student- the reporter)</p> <p>Group Activity Padlet Wall – for egs of poetic devices used in pop songs / poems in literature textbook of class IX, with name of the literary device Group Activity: Handout on poetic devices from the inputs on jamboard</p> <p>NEARPOD LESSON - What would the listed people pray for? *Problems faced by farmers * How can farmers deal with the problems *Steps taken by the government</p>	<p>*You tube link on reported speech from Diksha *A short quiz to revise concepts * a crossword for revision of reporting verbs</p> <p>Oral Comprehension Check (in the textbook) Assessment Worksheet – Google Forms Assignment – Long Answer Questions</p>
---	---	--	--	--

<p>Month : APRIL</p>	<p>Dust of Snow ~ Robert Frost (4 classes)</p>	<p>-sequence the main events of the story -express opinion on the irony and use of figurative language in the story -infer the meanings of unfamiliar words. - write answers to the given questions</p> <p>Each student will be able to -speak of an experience when they have felt down and a welcome interruption changed their mood. * State the influences and themes of modernist poetry *List ways to argue that Dust of Snow could fit the themes /elements found in modernist poetry * Read the poem aloud * state the main idea contained in each verse *identify the setting of the poem -identify the poetic devices in the poem. -identify the rhyme scheme and rhyming words</p> <p>Each student will be able to:</p>	<p>Small group Discussion Faith in God - How can it help solve problems</p> <p>DISCUSSION – *Modernist Poetry vs Classical forms – Themes and influences. *The poem juxtaposes two fundamentals - human complexity and animal simplicity Collaborated learning - * How emotions of desire and passion bring about strain in relationships among people, states and countries. -The poem’s relevance in today’s time Small Group Discussion: ‘The healing power of nature.’ Explain change of mood in the light of the poem. *Write a short poem (using the same rhyme scheme: a b a b) on a similar theme. (Presentation by groups on Google slides.) Group activity: Research - End of the world as a result of human misdeeds’ - Different theories</p>	<p>*Peer assessment of poem *Textbook Questions Discussion: *Assessment Worksheet *Class test on google form</p> <p>Assessment Worksheet Textbook Questions</p> <p>Assignment – Long Answer Questions</p>
---------------------------------	--	--	---	---

<p>Month: APRIL</p> <p>Month: MAY No. of working days: 18</p>	<p>FIRST FLIGHT Fire and Ice ~ Robert Frost (3 classes)</p> <p>FOOTPRINTS WITHOUT FEET A Triumph of Surgery ~ James Herriot (3 classes)</p> <p>Reported Speech (1 class)</p>	<p>-recall some interesting facts about the poet Robert Frost *List ways to argue that Fire and Ice could fit the themes /elements found in modernist poetry -summarise the poem in their own words -compare the message conveyed in each of the two poems by Frost -analyse the title, tone, theme ,literary devices used in the poem</p> <p>Each student will be able to *List two points for the motion and two points against the motion *Make a flow chart of the main events of the story -summarize at least a part of the lesson in their own words. -explain the meaning of difficult words and phrases and use them in their answers. -justify the title of the story</p> <p>Each student will be able to -transform sentences correctly from direct to reported speech -report some incidents in their own words Each student will be able to</p>	<p>Concept Mapping* Study the given list of words -Negative emotions - hot like fire or cold like ice. *Place the words in the appropriate box. FIRE - ICE *State two reasons for your choices. *Give examples from daily life. Art integration –Describe your comprehension of the poem either as an illustration on a comic strip / a rap song / another poem on the same theme / framing questions of different kinds based on the poem News based real life stories of cases of obesity amongst children. Who is to blame? Eg: Walter Hudson * Identify words to describe Tricki's condition before and after the surgery. *List the given words in the two columns BEFORE AFTER *Activity- Word search Character traits of Mrs Pumphrey and Dr Herriot KWL Chart Technology: related links on Diksha platform</p> <p>As a reporter of a newspaper who</p>	<p>Assessment Worksheet *Textbook Question *Assignment – Long Answer Questions</p> <p>Integrated Grammar Worksheet Cartoon strips for dialogues in direct speech</p> <p>Assessment Worksheet Oral Comprehension Check (in the textbook)</p>
--	---	---	---	--

	<p>FIRST FLIGHT Nelson Mandela: Long Walk to Freedom ~ <i>Nelson Rolihlahla Mandela</i> (4 classes)</p> <p>A Tiger in the Zoo ~ <i>Leslie Norris</i> (3 classes)</p> <p>Two Stories about Flying (5 classes) I. His First Flight ~ Liam O' Flaherty</p> <p>II. Black Aeroplane~ Frederick Forsyth</p>	<p>-summarize at least a part of the lesson in their own words. -explain the meaning of difficult words and phrases and use them in their answers. -analyse the aspects of Mandela's character revealed in the extract -state the ideals that Nelson Mandela had set for South Africa. -discuss the concept of twin obligations and its relevance to daily life. *connects the issues in the text to the world outside and think on possible solutions</p> <p>Each student will be able to *Design a poster on save the tiger *Contribute meaningfully to a panel discussion on why tigers are becoming extinct in the wild *Analyse the first three stanzas of 'I Know Why the Caged Bird Sings' by Maya</p> <p>Each student will be able to: -deduce the meaning of difficult words with the help of clues in the text. -organize the events in the order in which they happened. -justify the title of the story</p>	<p>attended Nelson Mandela's swearing in ceremony as the President of the newly elected government, write a report in about 120 words about the inauguration. Class Discussion:How does discrimination of any kind affect lives? *Students to make a research based project Different forms of discrimination On grounds of Gender, Race, Religion, Social status, Forms of Forms of discrimination Who is affected Effects- egs from around the world- Past history Solutions</p> <p>Panel Discussion: -Are zoos necessary for the protection or conservation of some species of animals? Are they useful for educating the public? Are there alternatives to zoos? Human animal conflict - causes/ effects /solutions Group Activity Make a poster on 'Save the Tiger, using gond art Save Humanity' Group Activity (Unlocking Difficult Words)</p>	<p>Textbook questions, Practice Worksheet</p> <p>Textbook Questions Practice Worksheet</p> <p>Practice Worksheet Assignment Worksheet Textbook Questions</p>
--	---	--	--	---

	<p>FOOTPRINTS WITHOUT FEET The Thief's Story ~ Ruskin Bond (3 classes)</p> <p>GRAMMAR MODALS 2 classes BOARD GAME MODAL MADNESS</p>	<p>-analyse the character sketch of the protagonist</p> <p>Each student will be able to: -briefly recall any one previously read Ruskin Bond story -understand the underlying meaning of the passage. -frame at least one question after reading the story</p> <p>Each student will be able to * List modals based on concepts they convey *Frame sentences of their own to convey the meaning * Play the board game according to the rules Use apt modals to frame a sentence in the given situation</p>	<p>- Each group gets one word. -Different strategies to be used to provide the meaning of the word: demonstration/ picture/ contextual clue - Other students to guess the word Discussion on Padlet wall - A journey of a thousand miles begins with but a single step. -The need to conquer fear and venture forth</p> <p>Co-operative learning Framing sentences using the acquired vocabulary Panel discussion Ways to reform an offender. Reading:Read at least two more Ruskin Bond short stories featuring an animal or some natural feature. Group activity Jamboard to list modals and frame sentences Online Board game</p>	<p>Practice Worksheet Assignment Worksheet</p>
<p>Hindi</p>	<p>स्पर्श - गद्य खंड - 1-बड़े भाई साहब 2-ततारा वामीरो कथा 3-डायरी का एक पन्ना- पद्य खंड-</p>	<p>प्रत्येक छात्र - बड़े भाई साहब</p> <p>1-कक्षा में हो रही चर्चा में भाग ले संबंधित विषय पर कम से कम 2-3 पंक्तियाँ बोल पाएगा। 2-वाद-विवाद में भाग ले अपने विचारों को</p>	<p>1-तत्कालीन शिक्षण पद्धति तथा वर्तमान शिक्षण पद्धति में अंतर गतिविधि -वाद-विवाद 2-समाचार पत्र में से किसी भी वस्तु का चित्र लेकर उस पर विज्ञापन तैयार करना। 3-पाठ में निहित मुहावरे खोजकर उसकी</p>	<p>सामयिक परीक्षा द्वारा लिखित तथा मौखिक कार्य द्वारा । गूगल फॉर्म</p>

	<p>1-कबीर- दोहे 2-मीरा के पद 3-पर्वत प्रदेश में पावस</p> <p>संचयन हरिहर काका</p> <p>लेखन- 1-विज्ञापन निर्माण 2-सूचना लेखन 3-औपचारिक पत्र</p> <p>व्याकरण- 1-वाक्य रूपांतरण 2-मुहावरे</p> <p>पठन क्षमता - अपठित गद्यांश</p>	<p>स्पष्ट रूप से अन्य छात्रों के समक्ष रख पाएगा। 3-तत्कालीन शिक्षा प्रणाली तथा वर्तमान शिक्षा प्रणाली में अंतर कर पाएगा। 4-पूछे गए मौखिक एवं लिखित प्रश्नों के संभावित उत्तर दे पाएगा।</p> <p>तन्तारा वामीरो कथा 1-विजातीय विवाह पर उठे सवालियों तथा आने वाली कठिनाइयों, उनके कारण व निवारण पर हो रही चर्चा में भाग ले पाएगा।</p> <p>डायरी का एक पन्ना 1-सत्याग्रह आंदोलन एवं स्वतंत्रता संग्राम संबंधी अपनी जानकारी कक्षा के साथ बाँट पाएगा। 2-प्रकरण में निहित घटनाओं को प्रवाह संचित्र के माध्यम से दर्शा पाएगा।</p> <p>कबीर- दोहे दोहों से मिलने वाले नैतिक तथा जीवन मूल्यों में से कम से कम 2-3 मूल्य बता पाएगा।</p> <p>मीरा के पद मीरा के पदों में निहित श्री कृष्ण के प्रति प्रेम को जान पाएगा।</p> <p>पर्वत प्रदेश में पावस पर्यावरण, प्रकृति संरक्षण, तारतम्यता, सौंदर्य अनुभूति पर्वतीय क्षेत्र में होने वाले जलवायु परिवर्तन के बारे में अपने विचार प्रकट कर पाएगा।</p> <p>हरिहर काका रिश्तों का मूल्य, पारिवारिक संबंध समाज में वृद्ध जनों की दयनीय स्थिति वृद्धाश्रम की आवश्यकता -संबंधित चर्चा व विचारों की अभिव्यक्ति।</p> <p>विज्ञापन निर्माण प्रारूप, मुख्य तत्व इत्यादि को ध्यान में रखते हुए दिए गए विषय पर विज्ञापन निर्माण</p> <p>सूचना लेखन प्रारूपानुसार 25-50 शब्दों में सूचना लेखन</p> <p>औपचारिक पत्र</p>	<p>सहायता से कहानी निर्माण (युगल सहभागिता) 4-कृष्ण के रक्षक रूप को चित्रात्मक कला के माध्यम से दर्शाना। 5- हरिहर काका के गाँव में यदि मीडिया की पहुँच होती तो वह काका की खबरों को बढचढ कर कैसे बताते ? (सामूहिक गतिविधि) 6-दोहों में से नैतिक तथा जीवन मूल्य छांटना</p>	<p>विभिन्न गतिविधियों के माध्यम से। वाचन कौशल द्वारा विभिन्न मूल्यपरक प्रश्नों के उत्तर के माध्यम से। चर्चा के माध्यम से।</p>
--	---	--	---	---

		<p>दिए गए विषय पर 80-100 शब्दों में पत्र लेखन ।</p> <p>व्याकरण प्रकरण से परिचय पहचान लिखित तथा मौखिक अभ्यास कार्यपत्र पूर्ण करना ।</p> <p>अपठित गद्यांश प्रकरण से संबंधी बहुविकल्पीय प्रश्नोत्तर ।</p>		
--	--	--	--	--

**Science
PHYSICS**

ELECTRICITY

- Electric charge (1)
- Electric Current (1)
- Electric Potential and Potential Difference. (1)
- Electric Resistance (1)
- Electric circuits (1)
- Ohm's law (1)
- Resistivity (1)
- Equivalent resistance
- Resistors in series (1)
- Resistors in parallel. (1)
- Heating effect of electric current (1)
- Electric Power (1)

Magnetic effect of electric current.

- Force acting on a current carrying conductor (1)
- Magnetic field around a bar magnet ,a straight current carrying conductor and a solenoid (1)

· Electromagnetic Induction(1)

Practical: 1 class

- Verification of Ohm's law

- Define electric Current
- Identify the direction of electric current in a given circuit
- Define electric potential and potential difference
- recall the formula for electric potential
- Solve a given numerical on potential difference.
- Draw a required circuit diagram.
- State Ohm's law
- Solve a given numerical on Ohm's law.
- Define resistivity of a conductor
- Derive the formula for resistors in series
- Derive the formula for resistors in parallel
- Calculate the equivalent resistance of resistors connected in series and in parallel
- Explain heating effect of electric current
- Define electric power
- Derive the formula for electric power
- Solve a given numerical on electric power.
- Define magnetic field
- Draw magnetic field lines around a straight current

Be a designer: Design Circuits using PhEt interactive.

ART INTEGRATION :DIY night lamp Using Mandala ART.

Collaborative learning: Research on the physicist who worked on light bulb discovery and prepare a timeline.

Experiential learning: Design Circuits using flour dough to verify series and parallel combination of circuits.

Upcycling: Art from Recycled Materials



- **Making an electromagnet.**
- Find the working of an electric generator and electric motor.
- List some electric devices in which a solenoid is used.

- Group discussion and presentation
- Live Worksheets
- Edpuzzle embedded MCQ's
- Lab activity
- MCI assessment using Google form
- Board Game

Diksha Assessment Module:

https://diksha.gov.in/play/content/do_31260171885806387223330

- Group discussion and presentation
- Live Worksheets
- Edpuzzle embedded MCQ's

		<p>carrying conductor ,bar magnet,circular wire and Solenoid.</p> <ul style="list-style-type: none">· Find the direction of force acting on a current carrying conductor in a magnetic field.· Explain electromagnetic magnetic induction <p>Plot V-I graph and find the resistance of the conductor.</p>		<ul style="list-style-type: none">· Lab activity· MCI assessment using Google form· Board Game
--	--	--	--	--

<p>CHEM.</p>	<p>Chapter 5 (periods 8) Periodic classification of elements Historical perspective of the periodic table Mendeleev's classification periodic table— Trends across a period and down a group</p> <p>Chapter 1 (periods 11) Chemical reactions and equations Chemical formulae and equations.</p> <p>Balancing chemical equations https://www.youtube.com/watch?v=tV0bxq3Dz88&list=PLNz32RYOjBeoj5i-MeemU6T92arFF8Rh&index=7&t=0s Types of chemical reactions https://diksha.gov.in/play/collection/do_312796455245733888120257?cont</p>	<p>Each child will be able to :</p> <p>Draw a timeline depicting the historical perspective of the periodic table. Explain the laws in the formation of the table List the advantages and disadvantages of the different forms of the table Discuss the trends across a period and down a group.</p> <p>Interpret the importance of a chemical reaction in daily life. Distinguish between a physical and a chemical change. List the changes to identify a chemical reaction has taken place Identify the correct formula on the basis of valency. Express a chemical reaction through a chemical equation. Write state symbols for the reactants and products</p> <p>Define law of conservation of mass Balance the chemical equations</p>	<p>Activities on periodic classification</p> <ol style="list-style-type: none"> 1. Research on recent elements 2. Pictorial Timeline on the periodic table 3. Poster on elements 4. Crossword <p>Activities on chemical reactions</p> <ol style="list-style-type: none"> 1. Writing of formulae using valency cards <p>Flipped class</p> <ol style="list-style-type: none"> 2. Corrosion (few managed to find corroded materials at home and some of the were assigned to present a ppt) 3. Newspaper activity https://www.youtube.com/watch?v=m8t4btjJd5Y https://www.youtube.com/watch?v=XuoRkcNoeaE https://www.youtube.com/watch?v=VRJcn50b21A <p>Practicals</p> <ol style="list-style-type: none"> 1. Types of reactions (videos) https://amrita.olabs.edu.in/?sub=7 	<p>Assessment using different online resources _padlet, edpuzzle, quizziz etc.)</p> <p>Assignment - question bank</p> <p>Periodic classification of elements -- 1 (MCQ) google form</p> <p>Assessment using different online resources (subject to change as per the concept)</p> <p>Valency cards for writing formulae</p> <p>Google form-- class test Worksheet on balancing equations</p>
---------------------	--	--	---	--

	<p>ntType=TextBook&contentId=do_312795723999215616110713</p> <p>Redox reactions and its applications</p>	<p>Identify and name the different types of chemical reactions. State and list the elements of the reactivity series.</p> <p>Define redox reaction Identify the substance oxidized, reduced, oxidizing agent and reducing agent from the given reactions Explain the process of rancidity and corrosion. Define the processes Name the compounds formed after the process of corrosion.</p>	<p>3&brch=3&sim=79&cnt=1</p> <p>Hands on experiment with materials available at home.</p> <p>Quiz overall chapterhttps://diksha.gov.in/play/colLECTION/do_312796455245733888120257?contentType=TextBook&contentId=do_312795723999215616110713</p>	<p>Activity worksheet on corrosion</p> <p>Oral quiz from the site mentioned.</p> <p>(random questioning)</p>
--	---	---	--	--

BIOLOGY	<p>Life processes Nutrition in plants Autotrophic Nutrition Structure of leaf Conditions necessary for photosynthesis</p> <p>Nutrition in animals Human alimentary canal</p> <p>Respiration in plants & Animals.</p>	<p>1. explain the process of photosynthesis 2. conduct simple investigations to identify the requirements of photosynthesis 3. draw a well labeled diagram of stomata. 4.discuss the process of digestion in humans. 5.draw a well labelled diagram of human digestive system</p> <p>1. Explain the process of respiration in animals. 2. Draw a well labelled diagram of the human respiratory system.</p>	<p>CLASS ACTIVITIES : (VIRTUAL LAB) To prove that CO₂ is needed for photosynthesis (E) To prove that light is needed for photosynthesis (E) Test the presence of salivary amylase in saliva.(E)</p> <p>LAB-ACTIVITY Temporary mount of a leaf to show stomata. DIKSHA PLATFORM FOR STARCH ACTIVITY. Art integration – comic strip on photosynthesis Board game on human digestive system</p> <p>Demonstration of CO₂ released during respiration(E)</p>	<p>Google forms-MCQ</p> <p>Google doc-Assignments</p> <p>Padlet- Class participation</p> <p>Popplet- Graphic organizers</p> <p>Google classroom</p> <p>Google forms-MCQ, Paragraph based assessment Organ 3D- Liveworksheets- Thing link</p> <p>Padlet Mentimeter</p>
----------------	--	--	---	---

<p>Social Science</p>	<p>History: Ch 1:The Rise of Nationalism in Europe</p> <p>Economics: Ch1:Develop- ment</p> <p>Political Science: Ch 1: Power Sharing</p> <p>Political Science: Ch 2: Federalism</p> <p>Resources and development -Definition, - Interdependent relationship between , technology and institution</p>	<ul style="list-style-type: none"> ● *State the objective of the treaty of Vienna ● *Identify the Italian revolutionary thinkers ● List the symbols of the New Britain ● *Give reasons for the uprising of Silesian weavers ● *Define the term allegory <ul style="list-style-type: none"> ● Recall three attributes to good living; ● Define terms like - development, per capita income, literacy rate, mortality rate, attendance ratio, human development index, sustainable development; ● Identify different goals of different people; ● Analyze the importance of education, PDS,. Health; ● Highlight the importance of the WDR; ● Identify the reason why the HDI is a better indicator of development ● State the importance of public facilities. 	<p>Individual Responses to critical thinking based questions</p> <p>Collaborative Activity: Through a presentation</p> <p>Blended Learning</p> <p>Flipped Classroom</p> <p>Memory game on keywords</p> <p>Collaborative learning</p> <p>Blended learning</p> <p>Brainstorming</p> <p>Problem solving</p> <p>Discussions</p> <ul style="list-style-type: none"> •Concept Mapping •Compare-Contrast Chart <p>Blended learning</p> <p>Brainstorming</p> <p>Problem solving</p> <p>Discussions</p>	<p>Assignment in google classroom</p> <p>Worksheet as google form</p> <p>Participation in class discussion</p> <ul style="list-style-type: none"> •Assignment and worksheet google classroom/google form Oral questioning <p>Assignment in google classroom</p> <p>Worksheet as google form</p> <p>Participation in class discussion</p> <p>Assignment in google classroom</p> <p>Worksheet as</p>
------------------------------	---	--	--	---

<p>GEOGRAPHY</p> <p>12 classes</p>	<p>-characteristics. - Human resource - Classification.- origin, ownership ,exhaustibility, And status of development - Resource development and problems - Resource planning -Resource conservation</p> <p>-Land resource - Land use pattern - Land degradation and conservation measures. - Soil – resource - Types of soil -Soil erosion and conservation</p> <p>Chapter - 2 Agriculture</p>	<ul style="list-style-type: none"> ●locate Belgium and Sri Lanka in the Atlas; ●compare the composition of the population of Belgium and Sri Lanka; ●define Accommodation; ●discuss the model of power sharing in Belgium; ●define Majoritarianism; ●discuss the majoritarian measures taken by the Sinhalese govt in Sri Lanka; ●mention the various forms of power sharing in modern democracy; ●give reasons why power sharing is desirable. <ul style="list-style-type: none"> ● Explain the term federalism ● List key features of federalism ● Differentiate between a federal and unitary government ● Identify the features of Indian Federalism ● Assess how federalism is practised in india ● Analyse Centre -state relations ● Evaluate Local Self governing Institutions in India <p>Students will be able to:</p>	<p>Think and share :Why India adopted Federalism</p> <p>Class Discussion on centre -state relations during covid</p> <p>Debate on should Hindi be our national language</p> <p>https://diksha.gov.in/play/collection/do_312796455289274368120446?contentype=TextBook Hands-on Experiential</p> <p>Make a list of resources available in and around your house which can be termed as a resource</p> <p>Categorize them under biotic and abiotic</p> <p>Google doc- Home workassignmnets</p> <p>https://www.youtube.com/watch?v=ouANqty8Hr4</p> <p>CBSE Class 10 Geography - 1 Resources and Development Full Chapter By Shiksha House.mp4</p> <p>Draw a pie diagram</p>	<p>google form</p> <p>Participation in class discussion</p> <p>Worksheet</p> <p>Prepare mind maps</p> <p>Prepare flow diagrams</p> <p>Weekly on 7 MAY 2021</p> <p>Padlet- Class participation</p> <p>Google forms</p> <p>Jamboard</p>
--	--	--	---	---

		<ul style="list-style-type: none"> - Understand and define the characteristics of resources - Identify relationship - Examine importance of Human resource - Classify the resources on different basis - Identify the examples under each Category - discuss resource development and problems -List levels of resource planning.. -Understand the judicious utilization of resources. - Realize the value of resource conservation - Underline Gandhiji's view on resource conservation <ul style="list-style-type: none"> - Understand the importance of land as a resource. - Define essential qualities of land use pattern. - Compare two pie diagrams and give reasons for the increase and decrease of each category. -Define essential qualities of land use pattern.- Compare two pie diagrams and give reasons for the increase and decrease of each category. 	<p>Map on - The major soils of India</p> <p>https://www.youtube.com/watch?v=zXxefIVYAEM</p> <p>ss</p> <p>https://www.youtube.com/watch?v=biG41rsU384</p> <p>https://diksha.gov.in/play/collection/do_312796455289274368120446</p>	<p>Worksheet</p> <p>Identify pictures</p>
--	--	---	--	--

		<ul style="list-style-type: none"> - Find out about the factors that lead to land degradation. -Suggest steps to be taken to control land degradation. - Highlight the importance of soil as a resource - Explain soil profile with the help of a diagram - List the factors affecting soil formation . -Identify the varieties of soil found in India and outline their characteristics. <p>Define the term agriculture</p> <ul style="list-style-type: none"> - Appreciate agriculture and India being and India being an agricultural land - Identify different farming method - list chief characteristics - Identify different farming method - plantation farming list chief characteristics -Identify three cropping seasons of India -Differentiate between the three by highlighting their features –sowing period , harvesting period , name of the crop. 		
--	--	--	--	--

Sanskrit

सेतु पठन-
समास - विभक्ति
तत्पुरुषः
समस्तपद अवबोधन
समासविग्रहज्ञान
(४ कक्षाएँ)

शुचिपर्यावरणम्
कालांश - 6

अव्ययपदानि व
संस्कृत- समयः
कालांश - 4

मई -
व्याकरणम्
व्यंजन सँ
वर्गीयप्रथमाक्षराणां तृतीयवर्णे
परिवर्तनम्,
प्रथमवर्णस्य पंचमवर्णे परिवर्तनम्
शब्दों में संधि व संधि विच्छेद

बुद्धिर्बलवती सदा
कथा पठन-सरलार्थ-स्थितिपरक
कार्य

प्रत्येक छात्र -

- समास प्रकरण बता पाएगा।
- समास को पहचान पाएगा,
- सामासिक शब्दों का प्रयोग काव्य अथवा लेख इत्यादि कला में कर पाएगा।
- समास विग्रह कर पाएगा।
- समास को कला के माध्यम से दर्शा सकेगा। (योग्यता आधारित अधिगम)

अच्छे नागरिक व पारिवारिक सदस्य होने के गुण ग्रहण कर सकेगा।

- श्लोकों को संस्कृत में पढ़ सकेगा।
 - श्लोकों के अर्थ बताएगा,
 - अन्वय कर सकेगा,
 - श्लोकों का अनुवाद कर सकेगा।
- श्लोक आधारित प्रश्नों के उत्तर दे सकेगा।

प्रत्येक छात्र अव्ययों के अर्थ बता सकेगा।

अव्ययों से वाक्य बना सकेगा।

रिक्तस्थान में उचित अव्यय की पूर्ति कर सकेगा।

संस्कृत समय बता सकेगा।

संस्कृत समय का वाक्यप्रयोग कर सकेगा।

- प्रत्येक छात्र व्यंजन संधि के भेद तृतीय अक्षर तथा पंचमाक्षर को बता सकेगा ,
- शब्दों में संधि विच्छेद कर सकेगा।
- तकनीकी साधनों द्वारा संधि कार्य का प्रस्तुतीकरण कर सकेगा।

संधियुक्त शब्दों को अन्तर्जलीय स्थलों पर खोज सकेगा।

सामूहिक गतिविधि-

<https://padlet.com/ussha11/dfq4408j2w/kg4s4>

युगल-पाठन-शिक्षण

समास संबंधी वाचन व प्रश्नों के उत्तर लिखना।

स्वच्छता अभियान पर पांच संस्कृत वाक्य लिखना।

पठन, सरलार्थ व श्लोकान्वय लेखन
प्रश्नरचना, प्रश्नोत्तर अभ्यास-

<https://edpuzzle.com/media/6070b5ed0c539341659f2f44>

शुद्ध पर्यावरण विषयक

प्रदर्शन -वाली कला में चित्रात्मक भित्तिपत्र (पोस्टर) रचना



व्यावहारिक ज्ञान अव्ययों के अर्थ खोजना,
अव्ययों का प्रयोग करते हुए अपने साथ घटित कोई घटना लिखना।

यथा - अहं

तत्र गच्छामि यत्र जनाः न सन्ति। सहसा मम समीपे नूनं एकः सिंहः आगच्छत्।

अव्ययपदों से रिक्तस्थान पूर्ति करना।

संस्कृत समय फलक(बोर्ड) क्रीडा निर्माण

परापरावर्तिता कक्षा (Flipped class)

संधि प्रस्तुतीकरण

संधि की तकनीकी अवबोधन प्रस्तुतीकरण गतिविधि

छात्रों द्वारा वाचन कौशल अभिव्यक्ति- योग्यता आधारित अधिगम के प्रस्तुतीकरण द्वारा, समास के संकल्पनीयचित्र, सामासिक शब्दों की खोज व संस्कृतानुवाद, जैमबोर्ड गूगल प्रपत्र पूर्ति, तथा प्रहेलिका के माध्यम से मूल्यांकन।

गूगल स्लाइड्स,
गूगल प्रपत्र,
संकल्पनीय चित्र वर्गीकरण, कथा रचना के माध्यम से मूल्यांकन।

सतिथा सँ विच्छेद,
प्रस्तुतीकरण तथा गूगलप्रपत्र द्वारा मूल्यांकन।

सामूहिक गतिविधि

		<ul style="list-style-type: none"> · कथानक आधारित प्रश्नों के उत्तर दे सकेगा, · कथा का केन्द्रियबिन्दु लिख सकेगा, · कथा को घटनाक्रमानुसार लिख सकेगा। · कथानकसंबंधी पात्रों का चरित्रवर्णन कर सकेगा। 	<p>संधि संबंधी फलक(बोर्ड) क्रीडा रचना अथवा संधि संबंधी कलात्मक कार्य</p> <hr/> <p>व्यावाहारिक ज्ञान</p> <ul style="list-style-type: none"> * प्रश्नकोष का निर्माण करना * सामूहिक प्रस्तुतिकरण * सामूहिक चर्चा करना * कथा पठन, सरलार्थ, प्रश्नोत्तरादि अभ्यास करना। <p>अनुभवीय अधिगम - "बुद्धि सर्वे सर्वा" कूट वाक्य आधारित प्रस्तुतीकरण</p> <p>स्थितिपरक प्रश्न -</p> <p>यदि आपके समक्ष कथानक में प्रस्तुत ऐसी कोई समस्या आ जाए तो आप क्या करेंगे?</p>	<p>कथा का परिवर्तित रुपांतरण प्रस्तुत करना, वैन डायग्राम - जज़ा (के डब्ल्यू एल चार्ट) के माध्यम से व गूगलालेख , स्थितिपरक प्रश्न के तथा कथानकीय प्रश्नों के उत्तर, कूटवाक्याधारित प्रस्तुतीकरण के द्वारा मूल्यांकन किया जाएगा।</p> <p>कक्षा परीक्षा</p>
--	--	---	---	--

<p>French</p>	<p>Bridge Course (3 classes)</p> <p>Retrouvons nos amis (6 classes)</p> <ul style="list-style-type: none"> · La Corse / Les îles d'Andaman et Nicobar. · Les proverbs · Les fêtes culturelles françaises · Compréhension Écoute <p>Après le bac (6 classes)</p> <ul style="list-style-type: none"> · Le futur antérieur · Le système d'éducation en France et en Inde. · Le CROUS / Le CNOUS · Université de Sorbonne · La forme nominale <p>Chercher un travail (3 classes)</p> <ul style="list-style-type: none"> · Le C.V · Les pronoms relatifs simples et composés · Un bureau · Les petits annonces 	<p>Students will be able to- Identify the tenses of the verbs in each sentence and conjugate it correctly using all the rules of conjugation.</p> <p>Describe the island of Corse and compare it with the Indian islands of Andaman and Nicobar.</p> <p>Elucidate the famous festivals of France like the Tour de France, La fête de la musique , festival d'Avignon, etc.</p> <p>Understand a french poetry and answer questions based on it.</p> <p>Conjugate all verbs in future antérieur form.</p> <p>Describe the education system in France and compare it with that in India.</p> <p>Form the noun form of verbs and vice versa and use them in sentences of their own.</p> <p>Write their C.V in french with all the required rubriques.</p> <p>Rewrite sentences using pronoms relatifs – both simples and composés.</p>	<p>Learning – based Activity :</p> <ul style="list-style-type: none"> · Traductions · Compréhension passage · Letter writing <p>Research-based activity : Tour de France & Fête de la musique.</p> <p>Island of Corse</p> <p>Art Integration : Song “Matar Ghashthi”.</p> <p>Art Integration & Experiential Learning : Students will be divided into groups and they will enact any one festival.</p> <p>Learning Based Activity : Mind map of Education System</p> <p>Assessment Based Activity : Comprehension passage</p> <p>G.K Activity : University of Sorbonne CROUS & CNOUS</p> <p>Value Education: Activity on values of education.</p> <p>Board Game : Category Game – Students will list all the things of a</p>	<p>Assessment Based Activity :</p> <p>Class Tests : Lessons and Grammar</p> <p>Evaluation-based Assessment : Répondez aux questions.</p> <p>Worksheet - Futur et Futur Antérieur</p> <p>Audio Comprehension (Listening Skill) Rubrics:</p> <p>Periodic Test - 21/05/21 - 40 marks - Lessons 1 & 2</p>
----------------------	--	--	---	---

			<p>particular topic given to them.</p> <p>Gender Sensitivity : A debate on gender in work place.</p> <p>Life skill Activity : Unemployment</p> <p>Learning Based Activity : Worksheet on pronom relatif.</p> <p>Cut out les petits-annonces from the newspaper and analyse.</p> <p>Experiential Learning based Activity : Students will write a C.V and apply for a job through classified advertisements.</p>	
--	--	--	--	--

<p>Comp. App.</p>	<p>Python Revision of concepts done in Class 9</p> <ul style="list-style-type: none"> ● Interactive & script mode ● Data types ● Arithmetic operators <p>Comparison operators:</p> <ul style="list-style-type: none"> ● < ● > ● == ● != ● <= ● >= <p>Logical operators:</p> <ul style="list-style-type: none"> ● and ● or ● not <p>Conditional statements in Python</p> <ul style="list-style-type: none"> ● If.....else ● If...elif....else <p>Skills: Logical and analytical Skill of saving money by using available free online portals .</p> <p>Iterative loops in Python</p> <ul style="list-style-type: none"> ● For loop ● While loop 	<p>Each student will be able to:</p> <ul style="list-style-type: none"> ● Compare using comparison operators and deduce the result orally ● Identify the need of conditional statements in a program ● Write the correct syntax of if condition. ● Write a simple program based on single condition programming. 	<p>Worksheet 1 on revision of python</p> <p>Write programs for following :</p> <ul style="list-style-type: none"> ● Accept name and age of a person and check if he is eligible for a driving license .Display appropriate message too. ● Accept 2 no's. And display the larger of the two. ● Accept 3 no's. And display them in ascending order. <p>Worksheet2 on advanced concepts</p> <p>Watch 3 videos of for loop in sequence Followed by video on while loop</p> <p>Write programs for the following:</p>	<p>On the basis of performance in the worksheet.</p> <p>Each student should be able to:</p> <ul style="list-style-type: none"> ● Accept input from the user and display the results . ● Draw logical inferences from the given problem and suggest a solution algorithm . ● Use correct operators ● Identify if a given situation is iterative kind or needs a choice to be made. ● List a few things that accounts for
--------------------------	--	--	---	--

	<p>Cyberethics:</p> <ul style="list-style-type: none"> ● Netiquettes. ● Software licenses and the open source software movement. ● Intellectual property rights ● plagiarism and digital property rights. ● Freedom of information and the digital divide. ● E-commerce: Privacy, fraud, secure data transmission <p>Skills: Life skill of doing secure work on internet Value education of respecting right to Privacy of others</p> <p>Introduction to HTML</p> <ul style="list-style-type: none"> ● Full form and purpose ● Structure of a HTML document ● Open v/s closed tags ● Elements v/s attributes 	<ul style="list-style-type: none"> ● Define the meaning of term 'iteration' ● Give examples of the situations involving repetition of code. ● Distinguish between conditional and iterative loop ● Break a given task into simpler tasks and thereafter write the program . ● The students will be aware of different types of cyber crimes. ● They will learn to appreciate the authenticity of work and give credit to others for the same. ● Distinguish between various types of softwares based on licencing . ● Rules of creating a strong password and the need to keep it a secret. 	<ul style="list-style-type: none"> ● Display * in the pattern as below using for loop: * ** *** ● Accept no. From user and display its first 10 multiples Like if he entered 5 output should be 5,10,15,.....50 ● Do worksheet 3 on iterative concepts. 	<p>conscientious netizen behaviour.</p> <ul style="list-style-type: none"> ● Respect the work done by others and their responsibility to acknowledge the same . ● Feel grateful for the infrastructure that they have . ● On the basis of worksheet and assignment ● Surf a few websites and draw similarities among them . ● On the basis of lab activities done by students .
--	--	---	---	--

	<ul style="list-style-type: none"> ● Basic Tags <ul style="list-style-type: none"> ○ HTML ○ TITLE ○ HEAD ○ BODY with bgcolor ,background ○ H1 TO H6 ○ P ○ CENTER ○ BR ○ HR with color,size,height ○ B,I,U ○ FONT with attributes size, color, face ○ IMG with src,height,width, border <p>Skills:</p> <ul style="list-style-type: none"> ● Art Integration while making web pages which have aesthetics . ● Life skill on making digital portfolio 	<p>Give full form of</p> <ul style="list-style-type: none"> ● HTML ● URL <p>Working on websites and webpages.</p> <p>Create a simple web page , view it and also edit it.</p>		
--	---	---	--	--

<p>Home Science</p>	<p>APRIL BRIDGE COURSE (on deleted topics of class 9)</p> <ul style="list-style-type: none"> - Methods of cooking - Common ways that lead to nutrient losses - Ways of nutrient enhancement- germination, fermentation, supplementation <p>APRIL- MAY</p> <p><u>MEAL PLANNING</u></p> <ul style="list-style-type: none"> ● Concept of meal planning ● Importance of meal planning ● Factors affecting meal planning ● Basic food groups ● Use of food groups in planning balanced meals <p>FOOD AND PERSONAL HYGIENE</p> <ul style="list-style-type: none"> ● Food hygiene and its principles ● Hygienic handling of 	<p>Students will be able to-</p> <ul style="list-style-type: none"> ● Enumerate different cooking methods, their advantages and disadvantages. ● List the common mistakes during food preparation and cooking that cause nutrient losses. ● Suggest suitable ways to prevent loss of nutrients during food preparation. <p>Students will be able to-</p> <ul style="list-style-type: none"> ● Define ‘meal planning’ ● Enumerate the importance of meal planning ● Explain the factors responsible for planning family’s meals ● Bifurcate food products into food groups and list the characteristics of each food group. 	<p>Experiential learning: Plan a balanced meal for self.</p> <p>Art Integration: Prepare a dish using at least 4 out of the 7 food groups.</p>	<p>Classroom discussion</p> <p>Revision worksheet (as google form)</p> <p>Google form</p> <p>Handwritten assignments</p> <p>Crossword puzzle</p>
----------------------------	--	---	--	--

	<p>food</p> <ul style="list-style-type: none"> ● Hygiene in the kitchen ● Personal hygiene ● Hygiene in food storage 	<ul style="list-style-type: none"> ● Use different food groups to plan balanced meals for self and family <p>Students will be able to-</p> <ul style="list-style-type: none"> ● Define ‘food hygiene’ and ‘food handler’ ● Enumerate and explain the various principles of hygienic handling of food ● List the different practices that should be adopted in kitchen to maintain hygiene and prevent food contamination ● Spell out the personal hygiene practices every food handler should adopt ● Specify the factors to consider while hygienically storing food (cold, hot or room temperature) 	<p>Art Integration: Using any form of art (painting, poetry, movie making etc.), outline the importance of hand hygiene to prevent the spread of diseases</p>	<p>Handwritten assignment</p> <p>Class assessment via Peardeck</p>
--	---	---	--	--