



TAGORE INTERNATIONAL SCHOOL

EAST OF KAILASH, NEW DELHI

Class X PARENT SYLLABUS 2026 -2027 MAR,26-SEPT,26


Month	English	Hindi	French	Sanskrit	German	Math	Science	Social Science	IT	HOME SC
March	<p>Topic: First Flight (Prose)</p> <p>Subtopic: - A Letter to God</p> <p>Learning Outcome: - Nelson Mandela</p> <p>Activity 1: Long Walk to Freedom</p> <p>Activity 2: First Flight (Poem)</p> <p>Life Skill: - Dust of snow</p> <p>Value: - Fire and Ice</p> <p>Gender: Footprints Without Feet</p> <p>Health and Wellness: - A Triumph of</p>	<p>स्पर्श - पाठ - बड़े भाई साहब परिचय</p> <p>महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण</p> <p>विषय बोध संबंधी प्रश्नोत्तर</p> <p>स्पर्श- कविता साखी परिचय</p> <p>महत्त्वपूर्ण बिंदुओं का लेखन</p>	<p>Revision of some previous concepts.</p> <p>Après le bac Le futur antérieur</p> <p>Le système d'éducation en France et en Inde.</p> <p>Le CROUS/ Le CNOUS Université de Sorbonne</p> <p>·La forme nominale</p> <p>Expression écrite et compréhension écrite</p> <p>Production</p>	<p>अधिगम-सेतु कारक-प्रयोग व धातुरूपों का चित्र-वर्णन के लिए वाक्यों में प्रयोग।</p> <p>समाचार-पत्र से चित्र संकलन।</p> <p>मणिका (द्वितीयो भागः) वाङ्मय तपः महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण विषय बोध संबंधी प्रश्नोत्तर</p> <p>व्याकरणम्- रचनात्मक-कार्यम्</p>	<p>Revision of concepts done in the previous class.</p> <p>Lektion 6 : Magst du grüne Bohnen</p> <ul style="list-style-type: none"> · Indirekt Frage mit ob · Adjektivendungen : · Nominativ/Akkusativ/Dativ · Email · Dialog · Genetiv Artikel · Während/bevor · Nomen mit Artikel <p>Learning Outcome: Present a topic Explain advantage and disadvantages Food recipes Ingredients Healthy and unhealthy food Utencils</p>	<p>Topic: Real Numbers</p> <p>Subtopics: -Interrelations between the number systems - The Fundamental Theorem of Arithmetic - Prime Factors -Relationship between HCF and LCM - Revisiting Irrational numbers: -Irrationality Proofs</p> <p>Life Skills Critical Thinking Problem Solving Interpersonal Relationships</p> <p>Values Responsibility Gender</p>	<p>Light-Reflection and Refraction</p> <ul style="list-style-type: none"> *Reflection of Light *Spherical Mirrors -Terms with respect to spherical mirrors -Relation between radius of curvature and focal length <p>Learning Outcome -state the laws of reflection of light</p>	<p>HISTORY Topic: The Rise of Nationalism in Europe</p> <p>Subtopics: Introduction – What is a Nation-State?; The French Revolution and the Idea of the Nation; The Making of Nationalism in Europe; The Aristocracy and the Middle Class; Liberal Nationalism – Meaning and Ideas; New Conservatism after 1815; The Revolutionaries; The Age of Revolutions; Romantic Imagination and</p>	<p>Part-A Unit-3: Basic ICT Skills-II</p> <p>Subtopics: Knowing about Operating System, Working with Linux OS (Ubuntu), Basic Computer Maintenance</p> <p>Learning outcomes: •Distinguish between different types of operating systems</p>	<p>PLAY</p> <p>Define play</p> <p>Role of play in development of children</p> <p>Types of play</p> <p>Selection of play material</p> <p>Learning outcomes: Define play.</p> <p>Understand the role of play in growth and development of children.</p> <p>Elaborate the types of play.</p>

<p>Surgery Grammar Integrated Grammar Learning Outcomes: Each student will be able to - sequence the main events of the story, A Letter to God. - present their views on the main ideas contained in each of the two verses of the poem, Dust of Snow.</p>	<p>पठन व स्पष्टीकरण विषय बोध संबंधी प्रश्नोत्तर व्याकरण- मुहावरे सामान्य जागरूकता-बंधुत्व की भावना *जीवन मूल्य- समय नियोजन *लिंग संवेदन शीलता- समानता व सम्मान की भावना *जीवन मूल्य- कर्तव्यनिष्ठा व त्याग अधिगम प्रतिफल -पाठ में प्रयुक्त हुए पाँच नवीन</p>	<p>orale/ exposé Learning Outcome Conjugate all verbs in futur antérieur form. Identify when to use future tense and future antérieur tense in the sentences. · Describe the education system in France and in India. · Compare the two education systems. Chercher du travail Les pronoms relatifs composés. Expression écrite.-Lettres. Learning Outcome</p>	<p>पत्र-पूर्ति: चित्र-वर्णनम् जीवन-मूल्य- विद्याधनं सर्वप्रधानम् जीवनकौशल -विद्या ददाति विनयम् लिंग- संवेदनशीलता समानता व सम्मान स्वास्थ्य एवं कल्याण- मानसिक विकास गतिविधि- भाषायां कला- -श्लोक गायन -चित्रमाध्यमेन श्लोक भावार्थ प्रदर्शन। (वार्ली/मधुबनी कला) अधिगम प्रतिफल -नवीन शब्दों को रेखांकित करके उनके अर्थ जानकर कम से कम पाँच शब्दों के अर्थ बता कर</p>	<p>Values: Health awareness, responsibility towards one's body, respect for food and nature Life Skills: Making healthy food choices, self-care, decision-making, critical thinking</p>	<p>Sensitivity Decision Making Learning Outcome: 1. state and represent the interrelations between number systems 2. state and apply the Fundamental Theorem of Arithmetic. 3. state and apply the relationship between HCF and LCM of given numbers 4. Prove that $\sqrt{2}$, $\sqrt{3}$ etc. are irrational numbers 5. Recall the properties of irrational number in order to prove that whether the sum /difference /product/quotient of 2 numbers is irrational or not Topic: Polynomials Subtopics: -Geometrical meaning of zeroes of polynomial</p>	<p>-distinguish between two types of mirrors -list the terms with respect to spherical mirrors -write the relationship between radius of curvature and focal length of mirrors -solve the numericals on radius of curvature and focal length Activity 1 – Law of Reflection: Students shine a ray on a plane mirror and measure angles → verify $\angle i = \angle r$ Activity 2 –</p>	<p>National Feeling; Hunger, Hardship, and Revolt Learning Outcomes: Identify and list the key elements that constitute a nation-state; Analyze how the French Revolution created a sense of collective identity in France; Understand the enduring idea and importance of a nation-state Activity 1 (Handson/Experimental): Create a visual “Nation-State Model” using chart paper or digital tools to represent elements like shared culture, language, history, and territory Activity 2 (Reflective/Collaborative): In groups, create and present a short podcast or reel explaining the development of nationalism in Europe and reflect on its relevance today Life Skill: Critical</p>	<p>(Windows, Linux, Mobile OS) and understand their primary functions. · Navigate the Ubuntu (Linux) interface, manage files using the file manager, and execute basic system commands. Part-A Unit-1: Communication Skills Subtopics: Methods and Types of Communication, Feedback in Communication, Principles & Barriers to Effective</p>	<p>Select play materials for children. Activity 1: Students while playing indoor games at home will write down what type of development is taking place in them. Activity 2: Students will make a suitable play material for children between birth to 5 years.</p>
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	<p>express opinions on why one needs to be compassionate and kind.</p> <p>- analyse the aspects of Mandela's character revealed in the extract.</p> <p>Activities Class Discussion: How does discrimination of any kind affect lives? Watching the Movie: Long Walk to Freedom</p>	<p>शब्दों को बताकर लेखन में उनका उपयोग कर जाएगा। -पाठ के आधार पर बड़े भाई साहब व छोटे भाई के चरित्र की कम से कम चार विशेषताएं लिख जाएगा। -पढ़ाई व खेल-कूद में सामंजस्य स्थापित करने हेतु कम से कम दो सुझाव बता जाएगा। -वर्तमान में कबीर की साखियों की</p>	<p>Join two related sentences using pronoms relatifs composées.</p>	<p>शुद्ध वर्तनी सहित लिखते हुए लेखन में उपयोग कर लेखन कौशल को विकसित कर जाएगा। -श्लोकों में बताई गई सज्जनता व मानवता की बात को जीवन में आत्मसात कर लाभान्वित हो जाएगा। -किन्हीं दो श्लोकों को शुद्धोच्चारण सहित बोल कर वाचन कौशल को विकसित कर जाएगा। 'वर्तमान में भी श्लोकों के भावार्थ की प्रासंगिकता है'- विषय पर कम से कम दो वाक्य सांझा कर जाएगा। -व्याकरणिक अभ्यास कार्य का शुद्ध वर्तनी सहित लेखन कर लेखन</p>		<p>- Forming a quadratic polynomial - Relationship between the zeroes and coefficients of quadratic and cubic polynomials</p> <p>Life Skills Critical Thinking Communication Time Management Team Work Values Conflict Resolution Gender Sensitivity Discrimination Health and Wellness To be double vaccinated and care for each other</p> <p>Learning Outcome: 1. interpret the type of polynomial and the number of zeroes of the polynomial from its graph 2.find the zeroes of a quadratic</p>	<p>Identify Mirror Type: Students will be shown the mirrors and they will reflect and predict the type of mirror as per its physical appearance and nature of image formed</p> <p>Health and Wellness: Eye safety awareness (Avoid reflecting sunlight directly into eyes) Chemical Reactions and Equations - Writing chemical formulas using symbols and valency Balancing of</p>	<p>Thinking GEOGRAPHY GEOGRAPHY - RESOURCES AND DEVELOPMENT SUB TOPICS Types of Resources Development of Resources Resource Planning in India classify the different types of resources Learning outcomes Each student will be able to: -explain important terms such as, resource, renewable and non-renewable resources, subsistence agriculture, plantation, shifting agriculture, environmental protection, and environmental sustainability</p>	<p>Communication Learning outcomes: • Apply the 7 Cs (Clear, Concise, Concrete, Correct, Coherent, Complete, and Courteous) to ensure effective message delivery. • Recognize physical, linguistic, interpersonal, and cultural barriers and suggest practical methods to overcome them. Students are given a folder with 20 unsorted</p>	
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	<p>Life Skills Problem solving, dealing constructively with problems.</p> <p>Values love, unity</p> <p>Gender Sensitivity Discrimination</p> <p>Health & Wellness Environmental quality for physical and mental health</p>	<p>प्रासंगिकता'- विषय पर कम से कम दो विचार प्रस्तुत कर पाएगा</p> <p>गतिविधि 1 - रोल प्ले(भूमि का निर्वहन) - बड़े भाई साहब के व्यक्तित्व तथा छोटे भाई के व्यक्तित्व में अंतर। गतिविधि 2 - छात्र कबीर की साखियों का गायन करेंगे। यह गायन रैप शैली में होगा। यह सामूहिक गतिविधि रहेगी।</p>		<p>कौशल को विकसित कर पाएगा।</p>		<p>and cubic polynomial and verify the relationship between the zeroes and coefficients of the polynomial 3.obtain a quadratic polynomial, give sum and product of its zeroes Topic: Pair of Linear Equations in Two Variables Subtopics: - Conversion of statement questions into a pair of linear equations in two variables - Graphical solution of a pair of linear equations in two variables - Comparison of coefficients of a pair of linear equations in two variables to state the graphical representation, number of solutions, consistent or inconsistent equations - Algebraic</p>	<p>Chemical Equations</p> <p>Value - Team Work</p> <p>Learning Outcomes</p> <p>-Compare physical and chemical changes</p> <p>-Calculate the number of atoms on the reactant and product side to balance chemical equations - Analyse the need to balance chemical equations</p> <p>Value - Team Work</p> <p>Life Processes - Autotrophic Nutrition - Photosynthesis</p> <p>Heterotrophi</p>		<p>files; they must organize them into subfolders based on file extensions (.jpg, .pdf, .odt) within a 3-minute time limit</p> <p>Students design a set of three visual signs (without text) for a school environment (e.g., "Silence in Library," "Keep Lab Clean") and test if their peers can decode them accurately.</p>	
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						<p>methods of solving a pair of linear equations in two variables:</p> <p>Learning Outcome</p> <ul style="list-style-type: none"> -convert a daily life situation into a pair of linear equations in two variables - find the solution of a given pair of linear equations in two variables graphically -compare the coefficients of a pair of linear equations in two variables to state: <ul style="list-style-type: none"> a) the type of graphical representation b) number of solutions c) whether the pair of equations is consistent or inconsistent - find the solution of a given pair of linear equations in two variables algebraically -apply mathematical knowledge to solve real life situations by 	<p>c Nutrition</p> <ul style="list-style-type: none"> - Steps of Nutrition - Nutrition in Amoeba & Paramecium - Human Digestive System <p>Each student will be able to:</p> <p>Learning Outcome:</p> <ol style="list-style-type: none"> 1. State the two major raw materials required for the process of photosynthesis. 2. Write down the word equation of the process of photosynthesis. 3. Explain at least two events taking place during the process of photosynthesis. 4. Draw the diagram of stomata and label – guard 			
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					<p>converting them into a pair of linear equations in two variables and solving them algebraically</p> <p>Art Integration Graphing Art-Rangoli Students will apply knowledge gained on graphs of linear equations in one or two variables and showcase their creativity on a graph paper. Example:</p>  <p>https://www.youtube.com/watch?v=HfCIPjZ3bEg</p>	<p>cells and stomatal pore.</p> <p>5. State at least four organs that constitute the human digestive system.</p> <p>6. Draw the diagram of the human digestive system and label all the parts</p> <p>Life Processes Autotrophic Nutrition - Photosynthesis is Heterotrophic Nutrition - Steps of Nutrition - Nutrition in Amoeba & Paramecium - Human Digestive System Each student will be able to:</p> <p>1. State the two major raw materials required for</p>		
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						<p>the process of photosynthesis.</p> <p>2. Write down the word equation of the process of photosynthesis.</p> <p>3. Explain at least two events taking place during the process of photosynthesis.</p> <p>4. Draw the diagram of stomata and label – guard cells and stomatal pore</p> <p>5. State at least four organs that constitute the human digestive system.</p> <p>6. Draw the diagram of the human digestive system and label all the parts</p> <p>Activity: Eat</p>			
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							<p>& Tell/ Joyful Learning: Take a piece of chapati, lick it to taste it and write down your observation. Now chew the same piece and then write down the taste.</p> <p>Health and Wellness: - Food and nutrition - Oral hygiene</p>			
<p>April Topic</p> <p>Subtopic</p> <p>Learning Outcome</p> <p>Activity 1</p> <p>Activity 2</p> <p>Life Skill</p> <p>Value</p> <p>Gender</p> <p>Health and</p>	<p>Topic: First Flight (Prose) - Two Stories about Flying I. His First Flight II. Black Aeroplane First Flight (Poem) - A Tiger in the Zoo</p>	<p>स्पर्श-ततारा वामीरो कथा परिचय</p> <p>महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण विषय बोध संबंधी प्रश्नोत्तर स्पर्श-</p>	<p>Chercher du travail</p> <p>Les pronoms relatifs composés (recapitulation)</p> <p>Compréhension orale</p> <p>Production orale/ exposé Learning Outcome</p> <p>Write a curriculum vitae with all the</p>	<p>मणिका(द्वितीयो भागः) नास्ति त्यागसमं सुखम् व्याकरणम् -</p> <p>तत्पुरुष समास(विभक्तिः, नञ्, उपपदः) प्रत्यय- मतुप्, ठक् व्यंजनसंधि- तुकागम स्वर संधि- वृद्धिः, यण् रचनात्मक-कार्य</p>	<p>Lektion 2 : Die App, die den Dieb findet</p> <ul style="list-style-type: none"> Präteritum Lokale proposition Email Dialog Vokabular.. Relativsatz Komparativ und Superlativ <p>Learning Outcome: students will be able to –</p> <p>Ask and explain the directions</p> <p>Create a slogan</p> <p>Create a report</p> <p>Values:</p> <p>Health awareness, responsibility towards</p>	<p>Topic: Quadratic Equations</p> <p>Subtopics:</p> <ul style="list-style-type: none"> Standard form of a quadratic equation representation of a situation into a quadratic equation Solution of quadratic equation by factorization <p>Life Skills</p> <p>Effective Communication</p> <p>Construct logical arguments</p> <p>Comprehension</p>	<p>Light-Reflection and Refraction</p> <p>*Spherical Mirrors</p> <ul style="list-style-type: none"> Rules to represent the image formed by mirrors Image formation by concave mirror Applications of concave mirror Image 	<p>HISTORY Topic: The Rise of Nationalism in Europe (Continued)</p> <p>Subtopics: The Revolution of the Liberals; The Making of Germany; The Making of Italy; The Strange Case of Britain; Visualizing the Nation; Nationalism and Imperialism</p> <p>Learning Outcomes: Do a comparative</p>	<p>Part-B Unit-3: Database Management Systems</p> <p>Subtopics: Creating Database & tables, Working with LibreOffice BASE, Performing operations on Tables, Queries in BASE, Structured</p>	<p>Features of childhood</p> <p>Difference between early and middle childhood</p> <p>Physical development in early and middle childhood</p> <p>Motor development in early and middle childhood</p>

<p>Wellness</p>	<p>- How to Tell Wild Animals - The Ball Poem Footprints Without Feet - The Thief's Story Grammar Integrated Grammar Writing Skills Formal Letters - Letter to the Editor, Letter of Complaint Learning Outcomes: Each student will be able to - justify the title of the lesson,</p>	<p>मीरा के पद परिचय महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण विषय बोध संबंधी प्रश्नोत्तर संचयन - हरिहर काका परिचय महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण विषय बोध संबंधी प्रश्नोत्तर व्याकरण-रचना के आधार पर वाक्य रूपांतर</p>	<p>required rubrics. Join two related sentences using pronoms relatifs composées. Name the various professions in French. Enumerate the various objects found in an office. Le Plaisir de lire Le Petit Prince Le plus-que parfait · Les rubriques d'un journal Bibliothèque Les fables françaises et indiennes. Art Integration- créer une histoire/ bande-dessinée Expression écrite et compréhension écrite Production orale/ exposé Learning Outcome</p>	<p>चित्र-वर्णन , पत्र-पूर्ति, कथा /संवाद-पूर्ति अपठित- गद्यांश जीवन-मूल्य- त्यागमेव सुखम् जीवन कौशल- त्यागं ददाति सुखम् सामान्य जागरूकता- प्राणियों हेतु दयाभाव लिंग संवेदनशीलता समानता व सम्मान स्वास्थ्य एवं कल्याण- मानसिक विकास गतिविधि- भाषायां कला- भूमिका-निर्वहन कथा वाचन श्लोक गायन चित्र-पट्टिका</p>	<p>one's body, respect for food and nature Life Skills: Making healthy food choices, self-care, decision-making, critical thinking</p>	<p>Communication Values Responsibility Gender Sensitivity Awareness Health and Wellness Time Management General Awareness Equity and Equality Health and wellness: To maintain social distancing Learning Outcome: -state the standard form of quadratic equation and check whether the given equation is quadratic or not -obtain the roots of quadratic equation by 2 methods - (a)by using factorization (b)by applying the quadratic formula -represent a given situation</p>	<p>formation by convex mirror -Applications of convex mirror -Sign Convention for reflection by spherical mirrors -Mirror formula and magnification -Refraction of light -Refractive index and related numerical Learning Outcome -draw ray diagrams for image formation for concave and convex mirrors -list the uses of spherical mirrors -write the sign conventions for reflection by spherical</p>	<p>study of the unification of Germany, Italy, and Britain; Understand the processes and challenges in nation-building; Appreciate the importance of unity in diversity Activity 1 (Hands-on/Experimental): Create a comparative chart or map showing the unification processes of Germany, Italy, and Britain with key events and leaders Activity 2 (Reflective/Collaborative): Group activity to create podcasts or reels explaining the unification of a country and present comparisons Life Skill: Appreciation of Diversity – understanding unity among different</p>	<p>Query Language, Form Wizard, Report Wizard Learning outcomes: • Create databases and tables using both the Wizard and Design View within LibreOffice Base. • Perform operations on tables such as inserting, editing, and deleting records, and defining data types for different fields. • Design and execute Queries using the Wizard and Structured</p>	<p>Social development in early and middle childhood Emotional development in early and middle childhood Language development in early and middle childhood Cognitive development in early and middle childhood Learning outcomes: List the features of physical development during early and middle childhood. Trace the motor development during early and middle childhood.</p>
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	<p>A Triumph of Surgery. - write a diary entry as the thief in the lesson, The Thief's Story. - analyse the character sketch of the protagonist in the lesson, His first Flight. - contrast the tiger in the zoo with the tiger in the jungle. - state the specific behaviour of at least two animals</p>	<p>ण - औपचारिक पत्र लेखन -सूचना लेखन -विज्ञापन लेखन जीवन मूल्य - सहयोग की भावना जीवन कौशल – कर्तव्यनिष्ठा व त्याग। -लिंग संवेदन शीलता- प्रेम और वात्सल्य की भावना जीवन मूल्य- वीरता का सम्मान अधिगम प्रतिफल -</p>	<p>Write the verbs in plusque parfait tense and use the tense in story writing. Subscribe to a library and borrowing books from there. Convert the Panchatantra stories into French in their own words.</p>	<p>(वार्ली/मधुबनी कला) अधिगम प्रतिफल -नवीन शब्दों को रेखांकित करके उनके अर्थ जानकर कम से कम पाँच शब्दों के अर्थ बता कर शुद्ध वर्तनी सहित लिखते हुए लेखन में उपयोग कर लेखन कौशल को विकसित कर पाएगा। -कथा में बताए गए त्याग के महत्त्व को जीवन में आत्मसात कर लाभान्वित हो पाएगा। -कथा को संक्षिप्त रूप में बोल कर वाचन कौशल को विकसित कर पाएगा। -वर्तमान में भी त्याग करने में सुख है- विषय पर कम</p>		<p>into a quadratic equation and state whether that given situation is possible or not and solve it, if possible. -compute the discriminant of a quadratic equation and hence comment upon the nature of the roots of quadratic equation. Parabola Mandala Art Concept Covered: - Graph of quadratic equation - Shape of parabola - Vertex, axis of symmetry Topic: Arithmetic Progressions Subtopics: - Arithmetic Progression a) General form b) Finite and infinite AP - nth term of an AP - Sum to nth term of an AP</p>	<p>mirrors -apply mirror formula to get the position of object, image and focal length -calculate the magnification produced by mirror -differentiate between reflection and refraction -relate refractive index with the speed of light -solve numericals on absolute refractive index and relative refractive index Activity 1 – Ray Diagram Groups draw accurate ray diagrams for different object positions. Peer will check the</p>	<p>cultures and regions POLITICAL SCIENCE Topic: Power Sharing Subtopics: Case Study of Belgium and Sri Lanka; Forms of Power Sharing Learning Outcomes: Analyze the significance of power sharing in different political systems; Understand the need and benefits of power sharing; Develop awareness about political stability and unity Activity 1 (Hands-on/Experimental): Create a concept map or collage showing different forms of power sharing with real-life examples Activity 2</p>	<p>Query Language (SQL) commands (SELECT, INSERT, UPDATE, DELETE). Students are given a pre-made table of "Employee Salaries." They must write SQL queries to fetch relevant data from table like names of employees working in a specific department</p>	<p>Highlight social and emotional development. Describe language development during early and middle childhood. Compare the cognitive development during early and middle childhood. Activity 1: Students will make a chart and observe 3 year old child and list the motor development taking place in the child.</p>
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	<p>discussed in the poem, How to Tell Wild Animals.</p> <p>Activities</p> <p>Debate: Punishment does not always reform a criminal</p> <p>Art Integration: Students will brainstorm the theme/message conveyed through the lesson, 'His First Flight' and design a poster on the same.</p> <p>Life Skills</p> <p>Reading</p>	<p>परंपराओं व रीति-रिवाजों के औचित्य तथा अनौचित्य के विषय में चिंतन कर पाएगा।</p> <p>- समाज के दृष्टिकोण में बदलाव करने हेतु कम से कम दो सुझाव बता पाएगा।</p> <p>- हरिहर काका पाठ का पठन कर समाज और परिवार के संबंध को समझ पाएगा।</p> <p>गतिविधि 1- कला समेकित</p>		<p>से कम दो वाक्य सांझा कर पाएगा।</p> <p>- व्याकरणिक अभ्यास कार्य का शुद्ध वर्तनी सहित लेखन कर लेखन कौशल को विकसित कर पाएगा।</p>		<p>Life Skills</p> <p>Critical Thinking Communication Time Management</p> <p>Values</p> <p>Conflict Resolution Responsibility</p> <p>Learning Outcome:</p> <p>- Identify if the given sequence is an AP or not - compute the common difference of an AP and hence write its subsequent terms - interpret and analyze different situations in daily life which can be solved by applying concept of an AP - state two formulae of S_n - apply the formulae for S_n in different situations - find the p^{th} term from the end of a given AP - obtain an AP, given a_n or S_n</p> <p>Lab Activity</p>	<p>ray diagrams as a follow up.</p> <p>Activity 2-</p> <p>To determine the focal length of a concave mirror by obtaining the image of a distant object.</p> <p>Value:</p> <p>Scientific temperament</p> <p>Chemical Reactions and Equations (contd...) -</p> <p>Types of chemical reactions- Combination, Decomposition, Displacement, Double displacement, oxidation reduction reaction.</p> <p>Learning Outcomes:</p>	<p>(Reflective/Collaborative):</p> <p>Group discussion comparing Belgium and Sri Lanka models of governance</p> <p>Value: Respect for Diversity and Inclusiveness – valuing equal participation of different communities</p> <hr/> <p>GEOGRAPHY</p> <p>Topic: Resources and Development (Continued)</p> <p>Subtopics: Land Resources; Land Utilization; Land Use Pattern in India; Land Degradation and Conservation Measures; Soil as a Resource; Classification of Soils; Soil Erosion and Soil Conservation</p> <p>Learning Outcomes:</p> <p>Analyze the</p>		
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	<p>Skills, Speaking Skills, Interpersonal skills Values Balancing emotion and love, honesty Gender Sensitivity Discrimination Health & Wellness Effects of over pampering & over eating</p>	<p>गतिविधि लोककथा का मंचन। गतिविधि 2 - 'परंपराएँ जब रूढ़ियाँ बन बोझ बन जाएं, तो उनका टूट जाना ही उचित होता है'- विषय पर वाद-विवाद का आयोजन।</p>				<p>Identification of an AP Lab Activity Finding the sum of first n natural numbers</p>	<p>--Distinguish between combination and decomposition reaction with chemical equations. -Compare exothermic with endothermic reaction. -Explain displacement reaction and double displacement reaction with equations Acids, Bases and Salts - Chemical properties of acids and bases, what do acids and bases have in common Learning Outcomes -Name some natural, synthetic and olfactory indicators -Classify</p>	<p>impact of overuse of natural resources like groundwater and crude oil; Assess the importance of conservation for sustainable development; Identify methods of soil and resource conservation; List types and causes of soil erosion; Suggest measures for soil conservation Activity 1 (Hands-on/Experimental): Create a soil profile model or conduct a simple soil test experiment to observe texture and composition Activity 2 (Reflective/Collaborative): Group discussion on conservation practices in local areas and</p>		
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						<p>acids and bases in terms of physical properties and write their reactions.</p> <p>-State examples of strong and weak acids and bases</p> <p>Activity 1 – - To observe and classify the types of chemical reactions.</p> <p>-To study the properties of acids and bases with litmus solution, Zn metal and Na_2CO_3 solution.</p> <p>Activity-2 Art Integration</p> <p>Create a collage with different shades of</p>	<p>presentation of findings</p> <p>Life Skill: Environmental Awareness – developing responsibility towards natural resource conservation</p> <hr/> <p>ECONOMICS Topic: Development Subtopics: What Development Promises – Different People, Different Goals; Income and Other Goals; National Development; How to Compare Different Countries or States; Classification using indicators like GDP, HDI, Life Expectancy, Infant Mortality Rate</p> <p>Learning Outcomes: Understand that development</p>	
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						<p>coloured paper strips. (making home-made natural indicator/ litmus paper using turmeric</p> <p>Life Skill- Communication</p> <p>Life Processes (Continued)</p> <p>Respiration</p> <ul style="list-style-type: none"> - Pathways of glucose breakdown - Aerobic & Anaerobic Respiration - Human Respiratory system <p>Transportation in Animals</p> <ul style="list-style-type: none"> - Components of blood - Blood Vessels - Human Heart - Heart in other animals - Double circulation 	<p>goals vary among individuals;</p> <p>Analyze different indicators of development;</p> <p>Compare countries and states based on economic data;</p> <p>Classify countries using development indicators</p> <p>Activity 1 (Hands-on/Experimental): Collect and organize data of different countries/states (GDP, HDI, etc.) and create charts or tables</p> <p>Activity 2 (Reflective/Collaborative): Group activity to compare countries and present findings through discussion or presentation</p> <p>Life Skill: Analytical Thinking – interpreting data and making informed</p>	
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						<p>Transportation in other animals Each student will be able to:</p> <p>Learning Outcomes</p> <ol style="list-style-type: none">1. Differentiate between aerobic and anaerobic respiration on at least two points.2. Name at least four parts of the human respiratory tract.3. Draw the diagram of the human respiratory system and label the parts.4. Differentiate between oxygenated and deoxygenated blood.5. Name the four chambers of the human.6. Compare	comparisons		
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							and contrast arteries and veins. 7. Describe double circulation of blood through the human heart. Activity: To prepare a temporary mount of a leaf peel to show stomata.			
May	Topic: First Flight (Prose) - The Proposal First Flight (Poem) - Amanda ! Footprints Without Feet - The Midnight Visitor - A Question of Trust	स्पर्श-मनुष्यता (कविता) परिचय महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण विषय बोध संबंधी प्रश्नोत्तर स्पर्श-पर्वत प्रदेश में पावस(कविता)	Les Médias Les Journaux et les Magazines Les chaînes de la Télé et la radio L'Impératif Pronoms Y et EN Gender Sensitivity- La Négation Art Integration- une affiche/ jeu de rôle Expression écrite et compréhension	मणिका (द्वितीयो भागः) आज्ञा हि गुरुणाम् अविचारणीया रमणीया हि सृष्टिः एषा व्याकरणम्- समास- द्वंद्व समास स्वर संधि- अयादिः, पूर्वरूप व्यंजन संधि- परसवर्णः(अनुस्वारस्थाने पञ्चमवर्णस्य प्रयोगः), जश्त्व(वर्गीय	Lektion 2 : Die App, die den Dieb findet · Praeteritum · Lokale Praepositionn : Akkusativ, Dativ · Email · Dialog · Vokabular · Relativsatz · Komparativ und Superlativ Learning outcome.. Each student will be able to- · Conjugate verbs in Past tense. · Create questions and answers in Past form. · Answer questions based on the lesson. · Learn about different forms of	Topic: Triangles Subtopics: - Similar figures - Similarity of triangles - Basic Proportionality Theorem and its Converse - Criterion for similarity of triangles: a) AAA/AA b) SSS c) SAS Life Skills Problem Solving Analytical Thinking Time	Light-Reflection and Refraction -Image formation by lenses -Lens formula and numericals -Power of a lens, its unit and related numericals Learning Outcome -draw ray diagrams for image formation by lenses -write lens	HISTORY Topic: Nationalism in India Subtopics: Introduction – What is Nationalism in Indian Context?; The Idea of Satyagraha and the Rowlatt Act; Non-Cooperation Movement; Different Strands within the Movement; Civil Disobedience Movement; Sense of Collective	Part-B Unit-3: Database Management Systems Subtopics : Creating Database & tables, Working with LibreOffice BASE, Performing operations on Tables, Queries in BASE, Structure d Query Language	Features and Problems of Adolescents Physical and biological changes in adolescents Age specific milestones: physical, social, emotional, cognitive, and language Learning outcomes: Define the term adolescence

<p>Wellness</p>	<p>Grammar Integrated Grammar Writing Skills Formal Letter – Letter of Enquiry Learning Outcome es: Each student will be able to - analyse the character traits of Amanda - write a conversation between Ausable and Fowler, discussing how Ausable executed the plan to get rid</p>	<p>स्पर्श- *तोप (कविता) परिचय महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण विषय बोध संबंधी प्रश्नोत्तर स्पर्श- *डायरी का एक पत्रा परिचय महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण विषय बोध संबंधी प्रश्नोत्तर व्याकरण- समास - औपचारिक</p>	<p>Production orale/ exposé Learning Outcome Name the various columns in French newspapers and magazines. Ennumerate the various radio and TV channels in France. Replace the underlined nouns with the appropriate pronoms personnels in sentences. Change a sentence into its negative form using the appropriate negation words.</p>	<p>प्रथमवर्णस्य तृतीयवर्णे परिवर्तनम्) आंतरिक मूल्यांकनम् - श्रवणकौशल-परीक्षणम् जीवन-मूल्य-गुरूणाम् आज्ञा हितकारि प्राकृतिक-संसाधनानां रक्षा जीवन कौशल-विचार्य कार्य करणीयम् सामान्य जागरुकता-प्रकृते: रक्षा लिंग संवेदनशीलता समानता व सम्मान स्वास्थ्य एवं कल्याण-मानसिक विकास गतिविधि-भाषायां कला-भूमिका-निर्वहन</p>	<p>adjectives, kompartiv und superlative forms Wie wichtig ist, jeden tag Apps zu benutzen ? Values: Responsible use of technology, balance between digital and real life, self-discipline Life Skills: Digital literacy, time management, critical thinking, responsible decision-making Project 1: App Safety Poster (Group) Task: Design a poster on safe use of apps. Include: Do's and Don'ts</p>	<p>Management Values Courtesy Gender sensitivity: Status of women in India Learning Outcome: Each student will be able to: -identify congruent and similar figures between congruency and similarity of triangles. -state and apply the rules for similarity of plane figures -state, prove and apply Basic Proportionality Theorem -state, explain and apply the rules for similarity of Δs in different situations viz. AAA/AA, SSS, SAS Art Integration: - Students will use digital tools like GeoGebra or other graphic</p>	<p>formula and apply it to get u, v and f. -solve the numericals on power of a lens Activity 1- To determine the focal length of a convex lens by obtaining the image of a distant object. Activity 2- Ray Diagram Challenges: Provide various object placements for both convex and concave lenses. Students should draw ray diagrams to determine image characteristics (size, orientation, type). Peers will check the ray diagrams</p>	<p>Belonging Learning Outcomes: Evaluate the extent of nationalism in India; Express views on different strands of the movement; Critically analyze and compare various movements Activity 1 (Hands-on/Experiment al): Create a comparative chart showing features, leaders, and outcomes of Non-Cooperation and Civil Disobedience Movements Activity 2 (Reflective/Collaborative): Group discussion or debate on the effectiveness of different nationalist movements and their impact Life Skill:</p>	<p>, Form Wizard, Report Wizard Learning outcome s: • Design and execute Queries using the Wizard and Structure d Query Language (SQL) commands (SELECT, INSERT, UPDATE, DELETE). • Generate user-friendly Forms for data entry and professional Reports for data presentation using respective</p>	<p>Identify the physical features of adolescent girls and boys. List the social and emotional characteristics of adolescents. Activity 1: List 5 areas of agreement and disagreement with parents,</p>
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<p>of Max. - justify the title of the text, A Question of Trust - identify the use of satire in the story, The Proposal.</p> <p>Activities: Art Integrated Activity: Compose a short poem expressing your fantasies as a teenager. Art Integration: Compose any two newspaper headlines to sum</p>	<p>क पत्र लेखन -सूचना लेखन -विज्ञापन लेखन -लिंग संवेदन शीलता-कर्तव्य एवं उत्तरदायित्व -सामान्य जागरूकता -बंधुत्व की भावना -मूल्य-संस्कृति बोध कौशल-चरित्र-निर्माण -चिंतन-प्रवृत्ति -आत्म जागरूकता - स्वाध्याय क्षमता स्वास्थ्य एवं कल्याण-मानसिक</p>	<p>कथा वाचन श्लोक गायन चित्र-पट्टिका (वार्त्ता/मधुबनी कला) अधिगम प्रतिफल -नवीन शब्दों को रेखांकित करके उनके अर्थ जानकर कम से कम पाँच शब्दों के अर्थ बता कर शुद्ध वर्तनी सहित लिखते हुए लेखन में उपयोग कर लेखन कौशल को विकसित कर पाएगा। -कथा में बताए गए बड़ों की बात मानने के लाभ को जीवन में आत्मसात कर लाभान्वित हो पाएगा। -कथा को संक्षिप्त रूप</p>		<p>design software to create tessellations, exploring transformations like translation, rotation</p>	<p>for the follow up feedback.</p> <p>Human Eye and the Colourful World *Structure of eye</p> <p>Learning Outcome -draw the structure of human eye -write the function of the parts of human eye</p> <p>Activity 1- To trace the path of a ray of light passing through a rectangular glass slab for a particular angle of incidence.</p> <p>Activity 2- Flash cards – for the working of each part of human eye</p> <p>Life Skills:</p>	<p>Critical Thinking – evaluating different historical movements and forming reasoned opinions</p> <p>ECONOMICS Topic: Development (Continued) Subtopics: What Development Promises – Different People, Different Goals; Income and Other Goals; National Development; How to Compare Countries or States; Income and Other Criteria; Public Facilities; Sustainability of Development Learning Outcomes: Evaluate the importance of human development in economic growth; Analyze different</p>	<p>Wizards. Students create two linked tables (e.g., "Students" and "Fees") and establish a relationship to see how Primary and Foreign keys prevent data inconsistency.</p>	<p>Siblings, friends and teachers.</p> <p>Meal Planning Concepts of meal planning Factors affecting meal planning Basic food groups given by ICMR. Use of food groups in planning balanced meal for self and family.</p> <p>Learning Outcomes: Define meal planning and explain the factors affecting meal planning List the basic food groups as suggested by ICMR.</p>
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	<p>up the content of the lesson. Life Skills Creative and critical thinking Values Self Awareness, Critical Thinking Gender Sensitivity Discrimination Health & Wellness Learning how to cope during stressful times</p>	<p>विकास अधिगम प्रतिफल -विषय में प्रयुक्त हुए पाँच नवीन शब्दों को बताकर लेखन में उनका उपयोग कर पाएगा। - कम से कम दो स्वतंत्रता सेनानियों के नाम बता पाएगा। - वर्षा ऋतु की कम से कम चार विशेषताएं लिख पाएगा। - जड़ वस्तुओं के मानवीय रूप का आभास कर पाएगा।</p>	<p>में बोल कर, प्रकृति आधारित नाटक- प्रस्तुति द्वारा वाचन कौशल को विकसित कर पाएगा। - 'वर्तमान में भी बड़ों की बात मानने में लाभ है'- विषय पर कम से कम दो वाक्य सांझा कर पाएगा। - 'समय आने पर प्रकृति के सभी घटकों का महत्त्व होता है'- विषय पर कम से कम दो वाक्य सांझा कर पाएगा। - व्याकरणिक अभ्यास कार्य का शुद्ध वर्तनी सहित लेखन कर लेखन कौशल को विकसित कर</p>			<p>Critical Thinking Acids, Bases and Salts (contd...) - pH and its importance, more about salts. - some common salts - preparation, properties and uses. Learning outcomes: - List the pH values of acidic, basic and neutral salts - appreciate the importance of pH in stomach, tooth soil etc. - write the reactions, properties of some common salts like NaOH, Na₂CO₃, NaHCO₃, CaOCl₂, POP Activity- 1 To study the properties of acid(HCl) and base (NaOH).</p>	<p>development indicators; Create new indicators to measure development; Interpret sustainability in development Activity 1 (Hands-on/Experimental): Design your own 3 indicators (beyond HDI) to measure development and present them using charts Activity 2 (Reflective/Collaborative): Group discussion analyzing the statement: "The earth has enough resources to meet our needs but not our greed" Value: Sustainability and Responsibility – promoting mindful use of resources Health & Wellness:</p>		<p>Understand the use of food groups in planning balanced diet for self and family diets. Use the RDA tables as suggested by ICMR. Modify normal diets on the basis of consistency and cooking methods. Activity 2: Each student will plan a balanced meal for their family.</p>
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						<ol style="list-style-type: none"> 1. Differentiate between xylem and phloem. 2. Compare transpiration and translocation in plants. 3. State at least three advantages of transpiration in plants. 4. Draw the diagram of the human excretory system and label the parts. 5. Identify and label parts of nephron and state its function. 6. List the three steps of urine formation. 7. State at least three excretory products of plants. <p>Activity: Art Integration: Design a Flyer to</p>	<p>rice and wheat on the map of India</p> <ul style="list-style-type: none"> - explains factors responsible for production of different crops in India -analyse changes in cropping pattern, trade and culture - explain why only some regions of India are developed -analyse the impact of trade on culture <p>Identify the main features of Indian Agriculture</p> <p>Classify the types of farming done in India.</p> <p>List the Climatic requirements for growing crops</p> <p>Differentiate between food and cash crops</p> <p>List the Technological and Institutional Reforms</p> <p>Activity- 1 Prepare a</p>	
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							sensitize people about Kidney Health	comparative chart for the climatic conditions, areas of their growth		
<p>July</p> <p>Topic</p> <p>Subtopic</p> <p>Learning Outcome</p> <p>Activity 1</p> <p>Activity 2</p> <p>Life Skill</p> <p>Value</p> <p>Gender</p> <p>Health and Wellness</p>	<p>Topic: First Flight (Prose) - From the Diary of Anne Frank - Glimpse of India I. A Baker from India II. Coorg III. Tea from Assam First Flight (Poem) - The Trees Footprints Without Feet - Footprints Without Feet</p>	<p>स्पर्श- *तीसरी कसम के शिल्पकार परिचय</p> <p>महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण</p> <p>विषय बोध संबंधी प्रश्नोत्तर</p> <p>स्पर्श- आत्मत्राण (कविता) परिचय</p> <p>महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण</p> <p>विषय</p>	<p>Chacun Ses Goûts</p> <p>: Les romans et les bandes dessinées. · Les musées et les théâtres · Les films - Revue d'un film</p> <p>Learning Outcomes Discuss various hobbies in France- museums, theatres, etc. Students will be able to use adjectif et pronoms demonstratifs</p> <p>En Pleine Forme Les Pronoms Possessifs Les Parties du corps Les Maladies La Sécurité Sociale</p>	<p>मणिका (द्वितीयो भागः) अभ्यासवशगं मनः राष्ट्रं संरक्ष्यमेव हि व्याकरण – समासः--</p> <p>अव्ययीभावः(अनु, उप, सह, निर, प्रति, यथा)</p> <p>प्रत्यय- तव्यत्, अनीयर्</p> <p>वाच्यपरिवर्तन-(केवलं लट् लकारे)-(कर्तृ-कर्म-क्रिया)</p> <p>समयः (अंकानां स्थाने शब्देषु समयलेखनम्) (सामान्य-सपाद-सार्ध-पादोन)</p> <p>जीवन-मूल्य- अभ्यासेन मनवशीकरणम्</p>	<p>·Vokabular · Email · Dialog Lesen Gegenteile Prsentation Redemittels Adjektivendung: nominativ,akkusat iv und dativ</p> <p>Learning Outcomes Students will be able to – Express their opinions and ask the same to others How one can agree or disagree with the statements And what they would like to become</p> <p>Values: Respect for other cultures, open-mindedness, global awareness</p> <p>Life Skills: Communication skills, confidence building, critical thinking</p>	<p>Topic: Coordinate Geometry Subtopics:</p> <p>- Distance formula - Section Formula Life Skills Effective Communication Construct logical arguments Comprehension Communication</p> <p>Value Responsibility</p> <p>Gender Sensitivity Awareness</p> <p>Health and Wellness Time Management</p> <p>General Awareness Equity and Equality</p> <p>Learning Outcomes</p> <p>Each student will be able to:</p>	<p>Human Eye and the Colourful World *Defects and their corrections *Dispersion *Atmospheric refraction *Scattering *Tyndall effect</p> <p>Learning Outcome -list the causes of eye defects -state the corrective lens required for the defective eye -discuss the cause of formation of rainbow -write the conditions required to observe the rainbow -state the</p>	<p>POLITICAL SCIENCE Topic: Federalism Subtopics: What is Federalism?; What Makes India a Federal Country?; How is Federalism Practised in India?; Decentralisation in India; Rural Local Government; Urban Local Government Learning Outcomes: Infer how federalism is practised in India; Analyze the policies and political developments that have strengthened federalism Activity 1 (Hands-on/Experimental): Create a</p>	<p>Part-B Unit-2: Electronic Spreadsheets (Advanced) Subtopics : Scenarios Analysis, Linking Spreadsheet Data, Share and Review Spreadsheet, Macros in Spreadsheets</p> <p>Learning outcomes: • Use advanced tools like Scenarios, Goal Seek, and Solver to</p>	<p>Food and Personal hygiene</p> <p>Principles of hygiene handling while selecting food, cooking food, serving food.</p> <p>Hygiene in kitchen</p> <p>Personal hygiene of food handler.</p> <p>Hygiene during food storage.</p> <p>Define food hygiene and food handler.</p> <p>List the principles and hygienic handling of food.</p>

<p>Grammar Integrated Grammar Writing Skills Analytical Paragraph</p> <p>Learning Outcome Each student will be able to - debate on the given topic and put forth their viewpoint. - discuss how misuse of a scientific discovery can play havoc with humanity</p>	<p>बोध संबंधी प्रश्नोत्तर</p> <p>संचयन* सपनों के से दिन परिचय</p> <p>महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण</p> <p>विषय बोध संबंधी प्रश्नोत्तर</p> <p>व्याकरण- पदबंध लेखन: लघु कथा लेखन अनुच्छेद लेखन</p> <p>*सामान्य जागरूकता- आत्मरक्षा के लिए सक्षम बनाना</p> <p>स्वास्थ्य और</p>	<p>Learning Outcome Use Possessive Pronouns in sentences. List out the different illnesses in French. Understand the importance of good health and exercise.</p>	<p>राष्ट्ररक्षा सर्वोपरि जीवन कौशल- मनः इन्द्रिणां सारथी सामान्य जागरूकता- रक्षणीयम् राष्ट्रम् लिंग संवेदन-शीलता- समानता व सम्मान स्वास्थ्य एवं कल्याण- मानसिक विकास गतिविधि-भाषायां कला- -भूमिका-निर्वहन -श्लोक गायन -चित्रमाध्यमेन श्लोक भावार्थ प्रदर्शन। चित्रकला(वार्ता/मधुबनी कला)</p> <p>अधिगम प्रतिफल -नवीन शब्दों को रेखांकित करके उनके</p>		<p>(i) state the distance formula (ii) apply distance formula to: (a) calculate the distance between two points (a) determine if the three given points are collinear or not (b) calculate the coordinates of a point equidistant from the two given points (c) interpret the type of triangle or quadrilateral (d) calculate the distance of a point from origin (iii) state the section formula and apply it : (a) to obtain the ratio in which a point divides the line segment internally (b) given the ratio, to obtain the coordinates of the points dividing the line segment.</p> <p>Art Integration Students will create amazing patterns and</p>	<p>cause of atmospheric refraction -list the various layers of atmosphere -give examples on the basis of atmospheric refraction -list the applications of scattering of light Tyndall effect -write daily life examples of Tyndall effect</p> <p>Activity 1- To trace the path of a ray of light passing through a glass prism for a particular angle of incidence. using prisms to show dispersion).</p>	<p>flowchart or model showing different levels of government (Union, State, Local) and their functions Activity 2 (Reflective/Collaborative): Group discussion or role-play on decision-making at different levels of government (village, state, national) Value: Democratic Participation – understanding the importance of sharing power and citizen involvement</p> <p>ECONOMICS Topic: Sectors of the Indian Economy Subtopics: Sectors of Economic Activities; Comparing the Three Sectors; Primary, Secondary and Tertiary Sectors</p>	<p>perform "What-if" analysis for business and financial decision-making.</p> <ul style="list-style-type: none"> Consolidate data from multiple sources and sheets into a single master summary. Create and manage hyperlinks and external references to link data across different spreadsheets and workbooks <p>Students create a simple</p>	<p>Maintain hygiene in kitchen.</p> <p>Adopt personal hygiene while handling food.</p> <p>Practice hygiene during food storage.</p> <p>Activity 1: Students will practice hygiene of food handler and kitchen while making and presenting their dishes in the school.</p> <p>Activity 2: Students will plan a poster on storage of leftovers.</p>
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<p>y - contribute meaning fully to a discussion on Goan culture. - summarise the main points in the text on Coorg. - analyse the given data and write a paragraph keeping in mind the given tips. Activities Art Integrated Activity - Panel Discussion: Form</p>	<p>कल्याण - शारीरिक, मानसिक तथा आध्यात्मिक विकास -लिंग संवेदन शीलता सम्मान की भावना जीवन मूल्य- कर्तव्यनिष्ठा व त्याग स्वास्थ्य एवं कल्याण- मानसिक विकास अधिगम प्रतिफल - पाठ में प्रयुक्त हुए पाँच नवीन शब्दों को बताकर लेखन में उनका उपयोग कर</p>		<p>अर्थ जानकर कम से कम पाँच शब्दों के अर्थ बता कर शुद्ध वर्तनी सहित लिखते हुए लेखन में उपयोग कर लेखन कौशल को विकसित कर पाएगा। -श्लोकों में बताई गई अभ्यास द्वारा मन को वश में करने की बात को जानकर जीवन में आत्मसात कर लाभान्वित हो पाएगा। -किन्हीं दो श्लोकों को शुद्धोच्चारण सहित बोल कर वाचन कौशल को विकसित कर पाएगा। -नाटक में बताए गए देश रक्षा के उपायों को जीवन में आत्मसात कर लाभान्वित हो पाएगा।</p>		<p>designs using the coordinate axes https://youtu.be/i hGijLYrNWw Experiential Activity: Using graph paper - Hands on The students will verify Basic Proportionality Theorem using coloured paper Topic: Introduction To Trigonometry Subtopics: -Trigonometric Ratios -Trigonometric Ratios of some specific angles -Trigonometric Identities Life Skills Comprehension Communication Critical Thinking Logical Reasoning Problem solving Value Responsibility Gender Sensitivity Awareness Health and Wellness</p>	<p>Activity 2-Art Integration (Photography) Students may submit two photographs of "Natural Phenomenon (e.g., Rainbow formation, scattering of light, etc.) they observe in day-to-day life." Electricity *Electric charge and its properties *Electric Current *Electric Potential and Potential Difference *Ohm's law Learning Outcome -list the properties of electric charge -infer the conventional direction of electric current</p>	<p>in India; Organised and Unorganised Sectors; Public and Private Sector Learning Outcomes: Analyze how different sectors contribute to economic growth; Propose solutions to problems in various sectors; Understand employment patterns in organised and unorganised sectors; Evaluate the role of public and private sectors and PPP models Activity 1 (Hands-on/Experimental): Classify real-life occupations into primary, secondary, and tertiary sectors and present data using charts Activity 2 (Reflective/Collaborative):</p>	<p>loan calculator and use Scenarios to compare different interest rates and loan tenures to see which option results in the lowest monthly payment. Part-A Unit-2: Self-Management Skills Subtopics : Stress management, Self-awareness, Self-motivation, Goal setting, Time management Learning outcomes: • Exhibit</p>	
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<p>small groups to research about Goa. Select one student from each group to be a panellist for a panel discussion about the state. Debate: A real friend vs a diary</p> <p>Life Skills Critical Thinking</p> <p>Collaboration</p> <p>Values Honesty, mutual trust</p> <p>Gender Sensitivity Patriarchy</p> <p>Health</p>	<p>पाएगा। - रवींद्रनाथ ठाकुर की किसी एक रचना का नाम बता पाएगा। - प्रार्थना में निहित शक्ति के विषय में दो बिंदुओं का लेखन कर पाएगा। - 'हर परिस्थिति में ईश्वर पर विश्वास बनाए रखना चाहिए', इस पर चर्चा करते हुए कम से कम दो वाक्य बोल पाएगा। - स्वयं पर भरोसा</p>	<p>-वर्तमान में भी अभ्यास के द्वारा मन को वश में किया जा सकता है'- विषय पर कम से कम दो वाक्य सांझा कर पाएगा। -वर्तमान में भी देश व विश्व की रक्षा अनिवार्य है'- विषय पर कम से कम दो वाक्य सांझा कर पाएगा। -व्याकरणिक अभ्यास कार्य का शुद्ध वर्तनी सहित लेखन कर लेखन कौशल को विकसित कर पाएगा।</p>		<p>Time Management</p> <p>General Awareness Equity and Equality</p> <p>Learning Outcomes Each student will be able to:</p> <p>i) define and calculate all the T-ratios of acute angles from a given right Δ, given any one t-ratio</p> <p>(ii) state and apply T-ratios of specific angles viz. $0^\circ, 30^\circ, 45^\circ, 60^\circ$ and 90°</p> <p>(iii) prove and obtain the T-ratios of $30^\circ, 45^\circ$ and 60°</p> <p>(iv) state and prove the basic trigonometric identities using Pythagoras Theorem</p> <p>(v) apply the basic</p>	<p>-differentiate between potential and potential difference</p> <p>-state Ohm's law and express it mathematically</p> <p>Activity 1- Verification of Ohm's law</p> <p>Activity 2- Water-flow analogy activity to visualize potential difference.</p> <p>Gender Sensitivity: Inclusivity</p> <p>Metals and Non - Metals- Physical properties of metals and non-metals- Malleability, ductility, sonority, lustre etc..</p> <p>-Chemical properties of metals and non- metals- reaction with oxygen and water , Reaction with</p>	<p>Group discussion on challenges faced by unorganised sector workers and suggest improvements</p> <p>Life Skill: Analytical Thinking – interpreting economic data and proposing solutions</p> <p>Gender Sensitivity: Recognizing the role and challenges of women in both organised and unorganised sectors</p> <p>Geography WATER RESOURCES SUB TOPICS Water Scarcity and The Need for Water Conservation and Management Multi-Purpose River Projects and Integrated Water Resources Management Rainwater</p>	<p>self-motivation strategies to maintain focus and drive without relying on external encouragement.</p> <ul style="list-style-type: none"> Formulate clear, actionable goals using the SMART framework (Specific, Measurable, Achievable, Realistic, Time-bound). Students can create a list of things that motivate them and classify 	
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	<p>& Wellnes s Family support</p>	<p>क्यों रखा जाए? इसके दो कारण बता पाएगा। - बचपन की अवस्था को सपनों जैसा कहा जाता है, इस कथन को सिद्ध करने हेतु दो कारण बता पाएगा। - शारीरिक दंड बच्चों के विकास में बाधक है पर पर कम से कम चार वाक्य बोल पाएगा। गतिविधि 1- नाट्य प्रस्तुति</p>				<p>trigonometric identities in different situations to prove the given trigonometric identities</p>	<p>dilute acids, reactivity series. Displacement reaction Learning Outcome List the physical and chemical properties of metals and non-metals Explain acidic, basic, neutral and amphoteric oxides with examples Write reactions of metals with O₂, H₂O and dilute acids Name the metals which react with water in different condition. Activity-1 -To find the pH of the given samples using pH paper ? universal indicator. Activity-2 - Observing the action of Zn,</p>	<p>Harvesting Learning Outcome Examine the reasons for conservation of water resources in India. Analyse and infer how the Multipurpose projects are supporting the requirement of water in India. GEOGRAPHY- Forest and wildlife Conservation of forest and wildlife in India Types and distribution of forests and wildlife resources Community and Conservation Learning outcomes Examine the importance of conserving forests and wildlife and their interdependency in maintaining the ecology for the sustainable development of India.</p>	<p>each one as an extrinsic or intrinsic motivator. • Students write down one academic goal (eg.: scoring 90% in IT-402) and break it down into the Specific, Measurable, Achievable, Realistic, and Time-bound components</p>	
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						<p>- Feedback Mechanism</p> <p>Learning Outcome</p> <p>Each student will be able to:</p> <ol style="list-style-type: none"> 1. Recall and describe at least three types of sensory receptors and their functions. 2. Explain the structure and function of a neuron, including the roles of the cell body, axon, and dendrite. 3. Identify and illustrate at least two examples of reflex actions in daily life and explain their significance. 4. List and describe the three major parts of the human brain and their functions. 5. Compare 	<p>gender, religion, and caste on democracy;</p> <p>Analyze whether such differences strengthen or weaken democracy</p> <p>Activity 1 (Hands-on/Experimental): Create a chart or infographic showing examples of gender inequality, caste influence, and religious diversity in society and politics</p> <p>Activity 2 (Reflective/Collaborative): Group discussion or debate on whether caste and religion should influence politics in a democracy</p> <p>Gender Sensitivity: Awareness of Gender Equality – recognizing discrimination and promoting equal</p>		
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							and contrast voluntary and involuntary actions, providing at least one key difference. 6. Explain how the brain is protected by the skull, meninges, and cerebrospinal fluid. 7. Differentiate between tropic and nastic movements in plants, citing relevant examples. 8. Identify at least three plant hormones and describe their specific functions in plant growth and development. 9. Name at least four endocrine glands and the hormones they secrete. 10. Explain the role of at	opportunities		
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							<p>least three animal hormones along with their corresponding endocrine glands.</p> <p>Life Skill: Interpersonal relationship</p> <p>Health and Wellness: Mental Health</p> <p>Value: Compassion</p> <p>Gender Sensitivity: Menstrual cycle is a normal biological process</p> <p>Activity: Experimentally show that carbon dioxide is given out during respiration.</p>			
<p>August Topic</p> <p>Subtopic</p> <p>Learning Outcome</p> <p>Activity</p>	<p>Topic: First Flight (Prose)</p> <p>- Mijbil the Otter</p> <p>- Madam Rides</p>	<p>स्पर्श-कारतूस परिचय</p> <p>महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण</p>	<p>L'Environnement Protéger l'environnement Le Subjonctif</p> <p>Learning Outcomes Students will debate about</p>	<p>मणिका (द्वितीयो भागः) साधुवृत्ति समाचरेत् तिरुक्कुरल-सूक्ति-सौरभम् व्याकरण -</p>	<p>Lektion 8 Einfach Sprachen lernen</p> <ul style="list-style-type: none"> · Feste Präposition · Dialog · Email · Partzip Perfekt · Redemittals <p>Obwohl</p> <p>Learning Outcome Students will be able</p>	<p>Topic: Some Applications of Trigonometry</p> <p>Subtopics:</p> <ul style="list-style-type: none"> - Heights and distances - Angle of elevation - Angle of 	<p>Electricity</p> <ul style="list-style-type: none"> *Resistance and Resistivity *Combination of resistors in series and parallel *Heating 	<p>POLITICAL SCIENCE (1)</p> <p>Topic: Outcomes of Democracy</p> <p>Subtopics: How Do We Assess the Outcomes of Democracy?;</p>	<p>Part-B Unit-4: Maintain Healthy, Safe & Secure Working Environment</p> <p>Subtopics</p>	<p>PRACTICAL</p> <p>Time and Energy management</p> <p>Time management: definition, importance.</p>

<p>1</p> <p>Activity2</p> <p>Life Skill</p> <p>Value</p> <p>Gender</p> <p>Health and Wellness</p>	<p>the Bus First Flight (Poem) - Fog - The Tale of Custard the Dragon Footprints Without Feet - The Book That Saved the Earth - The Making of a Scientist Grammar Integrated Grammar Writing Skills Formal Letter – Letter for Placing an Order, Letter of Enquiry</p>	<p>ण विषय बोध संबंधी प्रश्नोत्तर</p> <p>स्पर्श- अब कहाँ दूसरों के दुख से दुखी होने वाले परिचय</p> <p>महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण</p> <p>विषय बोध संबंधी प्रश्नोत्तर</p> <p>स्पर्श- कर चले हम फिदा परिचय</p> <p>महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण</p> <p>विषय</p>	<p>different types of pollution, its hazards and methods to save the earth. They will use the subjunctive form of the verb</p> <p>Revision for the Mid-Term Exams Leçons 2-7</p> <p>Learning outcome Recapitulate the concepts done -Answer the questions based on the syllabus covered -Develop an understanding of the concepts done -Participate in the revision discussion and activities</p>	<p>अव्ययपदानि अशुद्धि- संशोधनम्(वचन-लिंग-पुरुष-लकार-दृष्ट्या संशोधनम्) विसर्ग संधि- उत्त्वम्, रत्वम्, विसर्गलोपः, सत्वम्(स्, श्, ष्)</p> <p>रचनात्मक-कार्य चित्र-वर्णनम् जीवन-मूल्य- स्वभावं निर्मलं भवेत् जीवन कौशल- सदाचारं समाचरेत् सामान्य जागरूकता- रक्षणीयम् शीलम् लिंग संवेदनशीलता- समानता व सम्मान स्वास्थ्य एवं कल्याण- मानसिक विकास</p> <p>गतिविधि-भाषायां</p>	<p>to – Express about their past experiences. Create Dialog and Email using fixed Präposition Importance of foreign language Advantage/disadvantage</p> <p>SDG 3 – Good Health and Well-Being Helping others supports emotional well-being, reduces stress, and builds a caring community</p>	<p>depression</p> <p>Life Skills Effective Communication Construct logical arguments Comprehension Communication</p> <p>Values Responsibility</p> <p>Gender Sensitivity Awareness</p> <p>Health and Wellness Time Management</p> <p>General Awareness Equity and Equality</p> <p>Learning Outcome Each student will be able to: (i) identify and define angle of elevation and angle of depression (ii) represent given situation via figure depicting the angle of elevation and depression and hence solve for computing the</p>	<p>Effect of current and its applications *Electric Power and Electric energy</p> <p>Learning Outcome -analyse the dependence of resistance and resistivity on various factors - draw circuits for series and parallel combination - apply formulae to solve numericals on series and parallel -discuss the cause of heating effect of current - list the different materials used for making heating elements -compare the</p>	<p>Democracy as an Accountable, Responsive and Legitimate Government; Economic Growth and Development; Reduction of Inequality and Poverty; Accommodation of Social Diversity; Dignity and Freedom of Citizens</p> <p>Learning Outcomes: Explain the outcomes of democracy; Discuss why democracy is accountable and responsive; Analyze why inequalities persist in democratic countries; Explain how democracy accommodates social diversity</p> <p>Activity 1 (Hands-on/Experimental): Create a chart comparing democratic and non-democratic</p>	<p>: Health Safety Security at workplace , Workplace Quality measures , Preventing Accidents and emergencies</p> <p>Learning outcomes: • Apply workplace quality measures , including proper lighting, ventilation , and ergonomic seating to prevent long-term health issues. • Describe common types of accidents</p>	<p>Time plan</p> <p>Energy management: definition, importance.</p> <p>Fatigue: types, ways to reduce fatigue.</p> <p>Work simplification</p> <p>Learning outcomes: Understand the importance of managing time. Prepare a time plan considering all factors influencing it. Understand the significance of energy management. Explain various types of fatigue with their reasons. Suggest various ways of simplifying</p>
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<p>Learning Outcomes: Each student will be able to - analyse the hidden message/ meaning of the poem, The Tale of Custard the Dragon. - list changes that they would like to bring in the society - participate in the debate cum discussion on the given topic - comment</p>	<p>बोध संबंधी प्रश्नोत्तर</p> <p>संचयन टोपी शुक्ला परिचय</p> <p>महत्त्वपूर्ण बिंदुओं का लेखन पठन व स्पष्टीकरण</p> <p>विषय बोध संबंधी प्रश्नोत्तर</p> <p>व्याकरण-समास लेखन: ई मेल लेखन सामान्य जागरूकता-लिंग संवेदनशीलता सम्मान की भावना</p> <p>जीवन मूल्य-</p>	<p>कला-साधुवृत्ति समाचरेत् तिरुक्कुरल-सूक्ति-सौरभम् भूमिका-निर्वहन कथा वाचन चित्र-पट्टिका (वार्ली/मधुबनी कला) -श्लोक-गायन। -चित्र माध्यम से श्लोक-भावार्थ।</p> <p>अधिगम प्रतिफल</p> <p>-नवीन शब्दों को रेखांकित करके उनके अर्थ जानकर कम से कम पाँच शब्दों के अर्थ बता कर शुद्ध वर्तनी सहित लिखते हुए लेखन में उपयोग कर लेखन कौशल को विकसित कर पाएगा। -कथा में बताए गए सद्वृत्ति</p>		<p>height of a tower, tree, pole, building, distance of a ship from a light house or two objects on opposite sides of a hill, width of a river etc. by applying the T-Ratios of the angles involved</p> <p>Topic: Circles Subtopics: -Tangent to a circle -Number of tangents to a circle -Theorem: The tangent at any point of a circle is perpendicular to the radius through the point of contact -Theorem: The lengths of the two tangents from an external point to a circle are equal</p> <p>Life Skills Effective Communication Construct logical arguments Comprehension Communication</p>	<p>properties of materials -derive SI unit of power and electrical energy - solve numericals based on power and energy</p> <p>Activity 1- DIY night lamp Using Mandala ART Research on the physicist who worked on light bulb discovery and prepare a timeline.</p> <p>Activity 2- To determine the equivalent resistance of two resistors when connected in series.</p> <p>Value: Responsibility for Sustainable Use of Energy</p> <p>Metals and</p>	<p>countries based on indicators like equality, freedom, and development</p> <p>Activity 2 (Reflective/Collaborative): Group discussion on whether democracy has successfully reduced inequality and poverty</p> <p>Value: Respect for Freedom and Equality – understanding rights, dignity, and justice in a democracy</p> <p>POLITICAL SCIENCE (2) Topic: Political Parties Subtopics: Why Do We Need Political Parties?; How Many Parties Should We Have?; National Political Parties; State Parties; Challenges to Political Parties; Reforms in Political Parties</p> <p>Learning</p>	<p>and demonstrate readiness for emergencies like fires, electrical shocks, and medical crises.</p> <p>Identify various types of hazards (physical, chemical, biological, and mechanical) and their potential sources within an IT workplace.</p> <p>Part-A Unit-4: Entrepreneurial Skills Subtopics: Entrepreneurship & its impact,</p>	<p>household work.</p> <p>Food safety and consumer education</p> <p>Problems faced by consumers</p> <p>Food adulteration</p> <p>Food Safety Standards</p> <p>Learning outcomes: Identify consumer.</p> <p>Describe the malpractices of traders.</p> <p>Define food adulteration.</p> <p>Indicate the common adulterants found in foods.</p> <p>Activity 1: Students will make a 1 day time plan for themselves and evaluate if its fruitful or</p>
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<p>t on the hidden message and meaning of the lesson, The Book that Saved the Earth. Activities Discussion: Barking dogs seldom bite ~ relevance to real life Discussion: The ability and courage to take risk is essential to fulfil one's dream. Art Integrated Activity: Design a business</p>	<p>देशभक्ति, उदारता और विनम्रता का भाव स्वास्थ्य एवं कल्याण-मानसिक विकास अधिगम प्रतिफल - मनुष्यता के कम से कम दो गुण लिख पाएगा। भावात्मक-परोपकार से जुड़ी कथाएं सुनकर भावनात्मक रूप से उन पर विचार कर पाएगा। - मनुष्य ने धरती को</p>	<p>के लाभ को जानकर जीवन में आत्मसात कर लाभान्वित हो पाएगा। -कथा को संक्षिप्त रूप में बोल कर वाचन कौशल को विकसित कर पाएगा। -श्लोकों में बताई गई सज्जनता व मानवता की बात को जीवन में आत्मसात कर लाभान्वित हो पाएगा। -किन्हीं दो श्लोकों को शुद्धोच्चारण सहित बोल कर वाचन कौशल को विकसित कर पाएगा। -श्लोकों में बताई गई मानवोपयोगी बातों को जीवन में आत्मसात कर लाभान्वित हो पाएगा।</p>		<p>Values Responsibility Gender Sensitivity Awareness Health and Wellness Time Management General Awareness Equity and Equality</p> <p>Learning Outcomes</p> <p>Each student will be able to:</p> <p>(i) define circle and its related terms, including tangent and secant</p> <p>(ii) state the number of tangents that can be drawn to a circle</p> <p>(iii) state, prove and apply theorem: The tangent to a circle is perpendicular to the radius through the point of contact</p> <p>(iv) state, prove</p>	<p>Non-Metals (Contd..) -properties of ionic compounds - Occurrence of metals -Metallurgy - Corrosion Carbon and its Compounds -Versatile nature of carbon Catenation, Tetravalency -Allotropes of carbon solving Learning Outcome 1) Show the formation of ionic compounds by transfer of electrons 2) List the properties of ionic compounds. 3) Draw flow diagram to show various reduction process 4) Draw diagram for electrolytic refining of copper</p>	<p>Outcomes: Analyze the meaning and importance of political parties; Classify parties as national and state; Evaluate challenges faced by political parties; Suggest reforms; Understand their role in democracy in India Activity 1 (Hands-on/Experimental): Create a chart classifying major political parties into national and state categories with symbols and key leaders Activity 2 (Reflective/Collaborative): Group discussion on challenges faced by political parties and suggesting reforms Life Skill: Decision-Making – understanding</p>	<p>Entrepreneurial Role & qualities, Entrepreneurship as a career Learning outcomes: • Mindset Development: Develop a professional entrepreneurial mindset characterized by critical thinking and innovation. • Business Basics: Understand the core fundamentals of business and how they operate</p>	<p>not. Activity 2: Students will write a report on any five malpractices they have observed in the market and write their responsibilities as a consumer.</p>
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<p>s card for Ebright from the story. Debate/ Discussion: Dowry system in India – Is it still prevalent?</p> <p>Life Skills Thinking</p> <p>Analytical Skills</p> <p>Values Hard work, determination</p> <p>Gender Sensitivity Gender stereotypes</p> <p>Health & Wellness Promoting physical activity</p>	<p>कितना बदल दिया है, इस पर चिंतन कर पाएगा।</p> <p>- पर्यावरण की रक्षा हेतु कम से कम दो सुझाव दे पाएगा।</p> <p>- कारगिल युद्ध में शहीद कम से कम दो सैनिकों के नाम बता पाएगा।</p> <p>- सैनिकों के संघर्ष के किस्से सुनकर भावनात्मक रूप से उन पर विचार कर पाएगा।</p> <p>देश में शांति बनाए</p>	<p>-किन्ही दो श्लोकों को शुद्धोच्चारण सहित बोल कर वाचन कौशल को विकसित कर पाएगा।</p> <p>-वर्तमान में भी अच्छा व्यवहार जीवन में अनिवार्य है- विषय पर कम से कम दो वाक्य सांझा कर पाएगा।</p> <p>-व्याकरणिक अभ्यास कार्य का शुद्ध वर्तनी सहित लेखन कौशल को विकसित कर पाएगा।</p>		<p>and apply the theorem on tangents to a circle: The lengths of two tangents from an external point to a circle are equal</p> <p>Art Integrated Question – Rangoli Design and Circles Riya is designing a Rangoli pattern for a festival. She draws a circle with centre O and radius 7 cm. From an external point P, she draws two tangents PA and PB touching the circle at points A and B. Answer the following:</p> <ol style="list-style-type: none"> 1. Prove that PA = PB. 2. If $\angle APB = 60^\circ$, find the measure of $\angle AOB$. 3. Find the length of each tangent if OP = 10 cm. <p>Topic: Areas Related to Circles Subtopics:</p>	<p>5) Explain tetravalency and catenation</p> <p>6) Draw electron dot structures of the compounds to show covalent bond and its type.</p> <p>Activity-1 ART INTEGRATION CARTOON STRIPS</p> <p>Make cartoon strips that help you remember how to compare metals, non-metals</p> <p>Activity-2 Study the following properties of acetic acid: odour, solubility in water, effect on litmus, reaction with NaHCO_3 - Study the comparative cleansing capacity of a</p>	<p>choices in political participation and governance</p> <p>HISTORY Topic: Print Culture and the Modern World Subtopics: The First Printed Books; Print Comes to Europe; The Print Revolution and Its Impact; The Reading Mania; The Nineteenth Century</p> <p>Learning Outcomes: Identify the link between print culture and circulation of ideas; Explain the development of print culture in Europe; Analyze how print culture contributed to events like the French Revolution; Describe print culture in Japan</p> <p>Activity 1 (Hands-on/Experimental</p>	<p>within the economy.</p>
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		<p>रखने हेतु कम से कम दो सुझाव दे पाएगा। गतिविधि 1- प्रकृति में असंतुलन - जिम्मेदार कौन?'- विषय पर कक्षा चर्चा। गतिविधि 2- कॉमिक स्ट्रिप</p> <p>पाठ की घटनाओं को 5-6 चित्रों में क्रमवार प्रस्तुत करें।</p>				<p>-Area of a circle -Circumference of a circle -segment -Sector _quadrant -Arc</p> <p>Life Skills Effective Communication Construct logical arguments Comprehension Communication Critical Thinking</p> <p>Values Sharing, Compassion, Empathy</p> <p>Gender Sensitivity Awareness</p> <p>Health and Wellness Time Management</p> <p>General Awareness Equity and Equality</p> <p>Learning Outcomes</p> <p>Each student will be able to: (i) state and apply formulae to compute area and circumference of</p>	<p>sample of soap in soft and hard water</p> <p>Value- Problem Solving</p> <p>How do Organisms Reproduce -DNA Copying Mechanism & Variations -Asexual Reproduction - Binary fission - Multiple fission - Budding - Regeneration - Fragmentation - Spore Formation - Vegetative propagation -Sexual Reproduction in Plants - Pollination- Self & Cross - Complete flower - Fruit & Seed formation - Sexual Reproduction</p>	<p>): Create a model or timeline showing the evolution of printing technology and spread of books</p> <p>Activity 2 (Reflective/Collaborative): Group discussion on how print media influences society today compared to the past</p> <p>Health & Wellness: Media Awareness – understanding the impact of information consumption on thoughts and well-being</p> <p>Geography Minerals and energy resources SUB TOPICS What is a mineral? Mode of occurrence of Minerals – Where are these minerals found?</p>		
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						<p>a circle, area of sector, minor and major segments of a circle.</p> <p>(ii) distinguish between a sector and a quadrant</p> <p>Art Integration Design and Calculate: Students will design the border of a handkerchief or a saree using circles and find the area of circles used in designing the border</p>	<p>n in Animals - Male reproductive system - Female reproductive system -Reproductive Health</p> <p><u>Learning Outcomes</u></p> <p>Each student will be able to:</p> <ol style="list-style-type: none"> 1. State at least four modes of asexual reproduction. 2. Differentiate between binary fission & multiple fission on at least one point . 3. Draw the three stages of budding in hydra. 4. Describe at least two advantages of vegetative propagation. 5. Draw diagram showing the structure of a complete 	<p>Ferrous Minerals, Non-Ferrous Minerals,</p> <p>Learning Outcome Differentiates between the conventional and nonconventional sources of energy. Analyses the importance of minerals and natural resources for economic development of the country. Suggests strategies for sustainable use of natural resources</p> <p>GEOGRAPHY - Manufacturing Industries <u>SUB TOPICS</u> Industrial Location Agro-based industries Mineral based industries Chemical Industries Control of environmental degradation</p>	
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						<p>flower and label at least four parts in it.</p> <p>6. Distinguish between the stamen and pistil based on their structure & function.</p> <p>7. Compare & contrast self-pollination & cross-pollination.</p> <p>8. Describe the structure and function of at least two parts of the female reproductive system.</p> <p>9. Draw the diagram of the female reproductive system and label at least three parts in it.</p> <p>10. Describe the structure and function of at least two parts of the</p>	<p>Learning Outcome Enumerates the impact of manufacturing industries on the environment and develop strategies for sustainable development of the manufacturing sector. Differentiates between various types of manufacturing industries based on their input materials, processes, and end products, and analyse their significance in the Indian economy. Analyses the relation between the availability of raw material and location of the industry</p> <p>HISTORY Topic: Making of a Global World Subtopics: The Pre-Modern World; The</p>		
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						<p>male reproductive system.</p> <p>11. Explain two advantages of adopting contraceptive measures.</p> <p>12. List at least three ways to prevent contraction of sexually transmitted diseases.</p> <p>Life Skill: Decision Making</p> <p>Health and Wellness: Reproductive Health</p> <p>Value: Integrity</p> <p>Gender Sensitivity: Menstruation is normal Activity: Identification of the different parts of an embryo of a dicot seed (Pea,</p>	<p>Expansion of Europe; The Growth of Trade and Commerce</p> <p>Learning Outcomes: Summarise the changes that transformed the world in different regions; Explain global interconnectedness from the pre-modern period to the present; Analyze the destructive impact of colonialism on the livelihoods of colonised people</p> <p>Activity 1 (Hands-on/Experimental): Create a world map tracing major trade routes (Silk Route, sea routes) showing exchange of goods, ideas, and cultures</p> <p>Activity 2 (Reflective/Collaborative): Group</p>	
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							gram, or red kidney bean).	discussion on how early globalization affected different societies, including positive and negative impacts Life Skill: Global Awareness – understanding interdependence and historical connections across regions		
September Topic Subtopic Learning Outcome Activity 1 Activity 2 Life Skill Value Gender	Topic: Footprints Without Feet - The Making of a Scientist Learning Outcome Activity 1 Each student will be able to - analyse the character traits	पुनरावृत्ति मध्यावधि परीक्षा *जीवन मूल्य-समय नियोजन *लिंग संवेदन शीलता-समानता व सम्मान की भावना *जीवन मूल्य-कर्तव्यनिष्ठा व त्याग	Revision for the Mid-Term Exams Leçons 2-7 Learning Outcome Recapitulate the concepts done -Answer the questions based on the syllabus covered -Develop an understanding of the concepts done -Participate in the revision discussion and activities	पुनरावृत्ति मणिका (द्वितीयो भागः) व्याकरण रचनात्मक-कार्य अपठित-गद्यांश जीवन-मूल्य-विद्याधनं सर्वप्रधानम् जीवन कौशल-विद्या ददाति विनयम् सामान्य जागरुकता-अक्षरधनम्	Wiederholung für die Prüfung. Life Skills Self-evaluation	Topic: Probability Subtopics: Probability-A theoretical Approach Probability of an event Life Skill Problem Solving Value Sensitivity to Environment Gender Sensitivity Awareness Health and Wellness Time Management General	REVISION FOR MID TERM EXAM Learning Outcome -solve numericals on spherical mirrors, lenses and eye defects -apply the concepts to solve the questions -draw diagrams on the basis of mirrors, lenses, defects of	GEOGRAPHY - Manufacturing Industries (Continue the lesson) REVISION FOR MID- TERM EXAMS	Revision for Midterm Examination	Revision for the Mid-Term Exams

<p>Health and Wellness</p>	<p>of Ebright. Activities: Design a business card for Ebright from the story. The business card should be relevant to the context and should indicate the details of the character as they are presented in the story. Life Skills Perseverance & Resilience: Learning from failures and</p>	<p>स्वास्थ्य एवं कल्याण-मानसिक विकास अधिगम प्रतिफल - पाठों के मुख्य बिंदुओं का लेखन कर जाएगा।</p> <p>- व्याकरण, अपठित गद्यांश एवं लेखन खंड का पुनर्स्मरण कर जाएगा।</p> <p>- लेखन शैली का विकास कर जाएगा।</p> <p>- प्रश्नपत्र को सुचारु रूप से हल करने हेतु कम</p>		<p>आवश्यकम् लिंग संवेदनशीलता- समानता व सम्मान स्वास्थ्य एवं कल्याण-मानसिक विकास अधिगम-प्रतिफल- पाठों, व्याकरण, अपठित गद्यांश तथा रचनात्मक लेखन की अभ्यास द्वारा परीक्षा हेतु पुनरावृत्ति कर जाएगा।</p>		<p>Awareness Equity and Equality</p> <p>Learning Outcome Each student will be able to:</p> <p>(i) cite the examples from daily life situations based on applications of probability</p> <p>(ii) distinguish between experimental and theoretical probability</p> <p>(iii) apply the formulae and numerically compute / explain the probability of events such as tossing a coin, deck of cards, rolling a die etc.</p> <p>(iv) interpret the probability of a sure event, impossible event, elementary and complementary Events</p> <p>(v) prove that the</p>	<p>eye, circuits, etc -clear queries, if any Carbon and its Compounds (contd..) Functional groups, homologous series, IUPAC nomenclature, properties of organic compounds Learning Outcome</p> <ol style="list-style-type: none"> 1) Name the allotropes of carbon and list their physical properties 2) Compare saturated and unsaturated hydrocarbons 3) Write IUPAC names of organic compounds. 4) Identify the functional groups in given organic compounds. <p>Activity-1 Students will make molecular model using</p>			
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	<p>continuing efforts despite setbacks.</p> <p>Values: Honesty in Effort: Genuine learning vs shortcuts.</p> <p>Gender Sensitivity: Breaking Stereotypes: Science is for everyone—boys and girls equally capable of research and discovery.</p> <p>Health and Wellness Balanced Lifestyle: Importa</p>	<p>से कम दो सुझाव दे पाएगा।</p>				<p>sum of probabilities of all the elementary events in an experiment always 1</p>	<p>tooth picks or clay to represent covalent bonds in hydrocarbons.</p> <p>Activity-2 Ball and stick model to show structures of some common covalent compounds.</p> <p>Health and Wellness- Health, diet and Nutrition.</p> <p>Heredity Accumulation of Variation during Reproduction Inherited Traits Rules for the Inheritance of Traits Mendel's Contributions How do these Traits get Expressed? Sex Determination</p> <p>Learning Outcome 1. Compare genotypes</p>			
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	nce of balancin g studies, hobbies, and rest.						and phenotypes. 2. Apply Punnett squares to predict the outcomes of simple genetic crosses. 3. Describe the sex determination in human beings. 4. State the rules for the inheritance of traits. 5. Differentiate between a dominant and a recessive trait.			
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