



# TAGORE INTERNATIONAL SCHOOL

## EAST OF KAILASH, NEW DELHI

### Class IX PARENT SYLLABUS 2026 -2027 APRIL '2026 - SEPT'2026

Month	English	Hindi	French	Sanskrit	German	Math	Science	Social Science	IT	HOME SC
April	<p><b>Bridge Course - Grammar:</b> Reported Speech</p> <p>Writing Skill: Diary Entry</p> <p>Essential Concepts Worksheet</p> <p><b>Learning Outcomes:</b> Each student will be able to:</p> <p>1. Recall and apply the rules of Reported Speech</p> <p>2. Organise</p>	<p><b>अधिगम-सेतु</b> भाषा , लिपि, वर्ण विचार , शब्द विचार , वाक्य</p> <p>आवश्यक अवधारणा - पुनरावृत्ति कार्य</p> <p><b>साहित्य</b> पाठ-दो बैलों की कथा</p> <p><b>व्याकरण -</b> -संज्ञा , -सर्वनाम , -निपात - शब्द निर्माण (उपसर्ग-प्रत्यय )</p> <p><b>अधिगम प्रतिफल -</b> १.पूर्व कक्षा में पढाए गए विभिन्न व्याकरणिक बिंदुओं</p>	<p><b>Revision of concepts done in the previous class.</b></p> <p><b>La famille</b> Présenter quel qu'un Se Présenter Un arbre de famille Les Articles <b>Values :</b> Appreciating Family and friends</p> <p>Les</p>	<p><b>अधिगम-सेतु</b> कारक-प्रयोग व धातुरूपों का चित्र-वर्णन के लिए वाक्यों में प्रयोग।</p> <p><b>शारदा-कक्षा-नवमी पाठ-वर्णोच्चारण शिक्षा व्याकरण - वर्ण-उच्चारण स्थान। शब्दरूपाणि -</b> पुल्लिंग-बालकवत्, कविवत्</p>	<p><b>Revision of concepts done in the previous class.</b></p> <p><b>Lektion 1 : Allein zu Hause</b></p> <p><b>Konnektor en : wenn Zu + infinitiv</b></p> <p><b>Brauchen ++zu+infinitiv</b> Email <b>Dialog Genetiv Artikel</b></p>	<p><b>Revision of Essential concepts of previous class</b></p> <p><b>Topic:</b> Number Systems</p> <p><b>Sub Topics:</b> -Irrational numbers - Real numbers and their decimal expansions -Representing real numbers on the number line -Operations on real numbers - Laws of exponents of real numbers</p>	<p>Biology: Bridge Class</p> <p>- Structure of a plant - Types of roots - Microorganisms</p> <p><b>The Fundamental Unit of Life</b> -Discovery of cell - Plasma Membrane &amp; the Cell Wall -Nucleus -Cell Organelles - ER -Golgi Apparatus -Lysosomes -Mitochondria -Plastids</p> <p><b>Learning Outcomes</b></p>	<p><b>Social Sc-Essential Concepts Revision</b></p> <p><b>Topic: Understanding Social Science Learning Outcomes</b> Each student will be able to - -State the meaning, scope and relevance of Social Science - Understand Social Science from an Indian perspective <b>Values / Lifeskills- -</b> Patriotism, - Respect for</p>	<p><b>Part A Unit 1 : Communication Skills-I</b> -Methods, Importance of communication skills - Communication cycle - Factors affecting - Communication skills -Basic Writing skills <b>Part B Unit 1: Introduction to IT-</b></p>	<p><b>Concept and scope of Home Science</b> - Definition of home science - Importance of Home Science - Interdisciplinary Nature of Home Science - Fields of Home Science - Relevance of study of Home Science and Career Options - Recent trends</p> <p><b>Learning Outcomes:</b> - Students will be able to: - Define Home Science and</p>

<p>ideas coherently in a diary entry while reflecting emotions, experiences, etc.</p> <p>3. Demonstrate understanding by independently attempting the essential concepts worksheet</p> <p><b>Writing Skill: Letter to the Editor</b></p> <p><b>Learning Outcomes: Each student will be able to:</b> Draft well structured Letter to the Editor using appropriate tone, language and format</p> <p><b>Activity 1:</b> Research Work: Ten</p>	<p>की अवधारणा को और अच्छी तरह से जानना । -किसी कहानी /रचना को पढ़कर उसके सामाजिक मूल्यों पर चर्चा करना । -अपने आसपास हो रही घटनाओंकेप्रति संवेदनशील बनना ।</p> <p><b>गतिविधियाँ</b> -- किसी पशु/पक्षी के जीवन स्थिति का अध्ययन करना । -समूह द्वारा पाठ में प्रयुक्त पात्रों का भूमिका निर्वहन</p> <p><b>जीवन कौशल</b> - १.समस्या समाधान २. रचनात्मक सोच</p> <p><b>जीवन मूल्य</b> - १.पशु पक्षियों के प्रति प्रेम एवं उत्तदायित्व २.आत्मसम्मान की रक्षा</p>	<p>Verbes Les Nombres La Carte de la France La Carte de l'Inde</p> <p><b>Expression Ecrite</b> Décrivez votre famille / camarade</p> <p>Se présenter</p> <p><b>Learning Outcomes</b></p> <p>Correctly relate the various members of the family and describe each member. Apply the correct articles before each noun. Conjugate all regular</p>	<p>स्त्रीलिंग- लतावत्, नदीवत् नपुंसकलिंग- फलवत् सर्वनामश ब्दाः – किम्(त्रिषु लिंगेषु), अस्मद्, युष्मद्</p> <p><b>धातरूपाणि-</b> पठ्, गम्, भू अस्, पा(पिब)- (पंच लकारेषु) <b>प्रत्यय-</b> क्त्वा, तुमुन्, ल्यप् <b>संधि-</b> स्वर- संधिः- दीर्घ, गुण । व्यंजन- संधिः- 'म्' स्थाने अनुस्वार, तुगागमः <b>अव्ययपदानि-</b> द्वि प्रकारक- <b>स्थानबोधकानि-</b> अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र <b>कालबोधका</b></p>	<p><b>Während Nomen mit Artikel Learning Outcomes</b></p> <p><b>Students will be able to – Give and take suggestions from each other Plan and organize Party, distribute responsibilities</b></p> <p><b>Values:</b> Responsibility, cleanliness, cooperation, respect for others Life Skills: Organization skills, social skills, communication, adaptability, teamwork</p>	<p><b>Life Skills</b> Interpersonal relationships Problem Solving <b>Values:</b> Responsibility <b>Gender Sensitivity</b> Decision making</p> <p><b>Art Integration</b> Students to collect / draw pictures of naturally occurring square root spiral</p> <p><b>Topic:</b> Lines and angles <b>Sub topics:</b> -Introduction -Basic terms and Definitions -Intersecting lines and non-intersecting lines -Pairs of angles</p> <p><b>Life Skills</b> Interpersonal relationships Problem Solving <b>Values:</b> Responsibility <b>Gender</b></p>	<p><b>Each student will be able to</b> 1. Describe the discovery of the cell and contributions of scientists. 2. Identify the three basic components of a living cell. 3. Differentiate between cell membrane &amp; cell wall on at least one point. 4. Compare the processes of osmosis &amp; diffusion.</p> <p><b>Physics:</b> Bridge course: 1. Motion, Types of motion. 2. Force, Contact and non-contact forces.</p> <p><b>MOTION:</b> - Motion along a straight line. -Uniform and non uniform motion. -Scalar and vector quantity. -Distance and Displacement. - Speed and</p>	<p>nature -Take pride in your past - Use your rights carefully</p> <p><b>Topic: Shaping of the Earth's Surface Learning Outcomes- Each student will be able to</b> -Describe the Theory of plate tectonics -Interior of the Earth -Explain the role of weathering and erosion; - Describe the agents of gradation – river, waves and currents, wind, glaciers, and underground water -Establish a connection between the landforms and disasters: like earthquakes, landslides, avalanches, Glacial Lake Outburst Flood (GLOF) and dust storms.</p>	<p><b>ITeS industry</b> Introduction to IT and ITeS • BPM industry in India, • Structure of the IT-BPM industry, • Applications of IT in home computing, everyday life, library, workplace, education, entertainment, communication, business, science and engineering, banking, insurance, marketing, health care, IT in the government and public service.</p> <p><b>Learning Outcomes</b></p>	<p>explain its importance in daily life. - Identify and describe the interdisciplinary nature of Home Science. - List and explain the five fields of Home Science. - Analyze the relevance of Home Science in real-life situations. - Identify career opportunities and higher education options in this field.</p> <p><b>Human Growth and Development</b> Concept of growth and development Principles of growth and development Factors affecting growth and development Age specific milestones (Birth to 3 years) <b>Learning</b></p>
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<p>powerful and formal words/phrases used in Letter to the Editor</p> <p><b>Activity 2:</b> Debate: Are E-mails replacing formal letters?</p> <p><b>Prose: How I Taught My Grandmother to Read</b></p> <p><b>Learning Outcomes: Each student will be able to:</b> 1. Read the lesson and identify difficult vocabulary, using context clues or a dictionary to understand their meanings. 2. Analyse the main characters in the lesson by describing their traits, actions, and development.</p>	<p>and irregular verbs in the present tense. Describe the physical features of France and compare them to those of India.</p> <p><b>Au Lycée</b> Les Objets dans un sac Décrivez quel qu'un Les Adjectifs Possessifs Les Adjectifs Démonstratifs Les Adjectifs Qualificatifs Les Prépositions</p> <p><b>Expression écrite-</b></p>	<p>नि- यदा,तदा,सर्वदा,एकदा,पुरा,अधुना,अद्य,श्वः, ह्यः संख्या(१-३०), संख्यावाची शब्दरूप(१-४ केवलं प्रथमा विभक्तौ) <b>रचनात्मक-कार्य</b> चित्र-वर्णन संवाद-पूर्ति <b>अपठित-गद्यांश</b> <b>जीवन-मूल्य-विद्याधनं सर्वप्रधानम्</b> <b>जीवन कौशल-विद्या ददाति विनयम्</b> <b>लिंग संवेदनशीलता-समानता व सम्मान</b> <b>स्वास्थ्य एवं कल्याण-मानसिक विकास</b> <b>गतिविधि-भाषायां कला-</b></p>	<p><b>Sensitivity</b> Decision making</p> <p><b>LEARNING OUTCOME</b> State and explain properties and theorems related to angles (e.g., angles on a straight line, vertically opposite angles are equal, angles corresponding to parallel lines and a transversal).</p> <p>Identify different types of angles and pairs of angles in diagrams.</p> <p>Apply the properties of angles formed by intersecting lines and parallel lines with a transversal to solve problems..</p> <p>Differentiate</p>	<p>velocity. -acceleration</p> <p><b>LEARNING OUTCOMES:</b> Students will be able to: 1. Describe motion in terms of distance and time. 2. Identify situations representing motion along a straight path in daily life. 3. Define uniform motion and non-uniform motion. 4. Differentiate between distance and displacement. 5. Define speed and velocity. 6. Calculate average speed and velocity. 7. Define acceleration as the rate of change of velocity. 8. Classify physical quantities as scalar and vector quantities. 9. Solve numericals on speed, velocity</p>	<p><b>Life skills -</b> Critical Thinking -Observation Skills -Problem-Solving Ability -Analytical Skills -Decision-Making Skills</p> <p><b>Topic: Building Blocks in Economics Learning Outcomes</b> <b>Each student will be able to-</b> Explain the meaning of Scarcity of resources, - opportunity cost and the need for making choice. -What do economists do? -Describe how a decision is taken about - What to produce, how to produce, and for whom to produce? -Differentiate between market, centrally planned, and mixed economic systems</p>	<p><b>Part A</b> Draw the mind map of 7c of Communication</p> <p><b>Part B</b> Identify and list the various IT-enabled services, Observe the application of IT in various areas.</p> <p>List the various IT-enabled services, and the application of IT in various areas.</p>	<p><b>outcomes:</b> - Differentiate between growth and development. - Explain key principles of development (cephalocaudal, proximodistal, etc.). - Identify factors affecting development (heredity &amp; environment). - Describe developmental milestones (0-3 years) <b>Value:</b> Understanding humans, respecting differences, valuing care roles. <b>Health and wellness:</b> Good development = good health = better life outcomes. <b>Gender sensitivity:</b> Equality in learning, care, and opportunities.</p>
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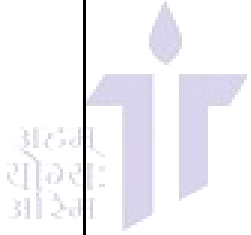
	<p><b>Activity 1:</b> Research about the writer Sudha Murty</p> <p><b>Activity 2</b> Turncoat Debate</p> <p><b>Value:</b> Importance of Education (Lifelong Learning)</p> <p><b>Poem:</b> Bharat Our Land</p> <p><b>Learning Outcomes: Each student will be able to:</b></p> <ol style="list-style-type: none"> <li>Analyse the poem by interpreting its theme, tone, and message about India's unity and beauty.</li> <li>Identify and explain poetic devices such as imagery, hyperbole, and allusion</li> </ol>		<p>Décrire une personne.</p> <p><b>Art Integration</b></p> <p>Jeu de rôle</p> <p><b>Learning Outcomes</b></p> <p>Identify stationary items in French.</p> <p>Describe some famous personalities</p> <p>Place correct prepositions.</p>	<p>वर्ण-उच्चारण स्थान- तालिका व चित्र। प्रत्यय- रंगोलिका</p> <p><b>अधिगम प्रतिफल</b></p> <p>-वर्णों के उच्चारण स्थानों को शुद्ध वर्तनी सहित लिखकर लेखन कौशल को विकसित कर पाएगा।</p> <p>-उचित शब्दरूपों व धातुरूपों द्वारा कम से कम पाँच वाक्यों की पूर्ति शुद्ध वर्तनी सहित करके लेखन कौशल को विकसित कर पाएगा।</p> <p>-प्रत्ययों व उसके भेदों को नियमों सहित समझकर क्त्वा, तुमुन्</p>		<p>between corresponding, alternate interior, alternate exterior, and co-interior angles, line, ray, angle, linear pair, vertically opposite angles, and transversal.</p> <p>State and explain properties and theorems related to angles (e.g., angles on a straight line, vertically opposite angles are equal, angles corresponding to parallel lines and a transversal).</p>	<p>and acceleration.</p> <p><b>Activity:</b> To determine the speed of a longitudinal pulse propagated through a stretched slinky.</p> <p><b>Health &amp; Wellness:</b> Understanding safe speeds → road safety awareness.</p> <p><b>Chemistry</b></p> <p>Bridge Course</p> <p>-Solutions</p> <p>-Volume</p> <p>-Density</p> <p>Exploring Mixtures and their separation</p> <p>-Homogeneous and Heterogeneous Mixtures</p> <p>-Solutions, suspensions, colloids and their properties</p> <p>-Various ways to express concentration of solutions</p> <p>Learning</p>	<p>-State the features of welfare economy</p> <p><b>Activity:</b> "Budget Challenge Game"</p> <p><b>Objective:</b> To understand scarcity, choice, and opportunity cost</p> <p><b>Values -</b></p> <p>Responsible - Decision-Making - Fairness and Social Responsibility - Critical Thinking</p>		<p><b>Life skills:</b> Understanding people → better thinking + better behaviour.</p> <p><b>Activity:</b> Students will make a list of items they can see around them which can be categorised in different fields of home science.</p> <p><b>Activity:</b> Students will observe the developments taken place in them and categorise them according to different age groups.</p>
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	<p>with examples from the poem.</p> <p><b>Activity 1:</b> Research about the writer Subramania Bharati</p> <p><b>Activity 2</b> Indian National Anthem Explorer</p> <p><b>Value:</b> Unity in Diversity</p> <p><b>Grammar:</b> <b>Past Perfect Tense (Tenses)</b></p> <p><b>Learning Outcomes:</b> <b>Each student will be able to:</b> 1. Recall the rules of past perfect tense and apply them to answer given questions accurately</p> <p><b>Activity 1:</b> Practice Drill</p>		<p>और ल्यप् प्रत्ययोंके कम से कम पाँच शब्दों की संयोजन अथवा वियोजन शुद्ध वर्तनी सहित लिखकर लेखन कौशल को विकसित कर पाएगा। -संधि व उसके भेदों को नियमों सहित समझकर संधि के कम से कम पाँच शब्दों की संधि अथवा संधिविच्छेद शुद्ध वर्तनी सहित लिखकर लेखन कौशल को विकसित कर पाएगा। -उचित अव्ययपदों द्वारा कम से कम पाँच वाक्यों की पूर्ति शुद्ध वर्तनी सहित करके लेखन</p>			<p>outcomes</p> <p>Students will be able to:</p> <ol style="list-style-type: none"> <li>1. Differentiate between homogeneous and heterogeneous mixtures on the basis of their properties</li> <li>2. Classify mixtures as solutions, suspensions, or colloids based on their properties</li> <li>3. Define and calculate the concentration of solutions using mass by mass percentage, mass by volume percentage, volume by volume percentage</li> </ol> <p><b>Value:</b> Respecting differences</p>			
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**Activity 2:**  
Worksheet  
Task

**Life Skill:**  
Critical  
Thinking

कौशल को विकसित कर पाएगा।  
-संख्या(१-३०), (१-४ केवल प्रथमा-विभक्तौ) द्वारा प्रदत्त वाक्यों की पूर्ति कर पाएगा।  
-प्रदत्त चित्र का वर्णन संस्कृत-वाक्यों द्वारा युग्मरूप में शुद्ध वर्तनी सहित करके लेखन कौशल को विकसित कर पाएगा।  
-संवाद की पूर्ति उचितशब्दों द्वारा शुद्ध वर्तनी सहित लिखकर लेखन कौशल को विकसित कर पाएगा।  
-अपठित गद्यांश पर आधारित प्रश्नों के उत्तरों का उचित प्रकार से शुद्ध वर्तनी



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EAST OF LASH, NEW DELHI

				सहित लिखकर लेखन कौशल को विकसित कर जाएगा।						
May	<p><b>Prose: The Pot Maker</b></p> <p><b>Learning Outcomes:</b> <b>Each student will be able to:</b> 1. Read and comprehend the lesson, identifying key ideas and details 2. Analyse the character of the pot maker and explain the theme of dignity of labour</p> <p><b>Activity 1:</b> Role play of the life of the pot maker <b>Activity 2:</b> Class Discussion: Is manual work valued enough in today's society?</p>	<p><b>साहित्य –</b> रैदास के पद (पद्य ) <b>क्या लिखूँ ? (गद्य)</b> <b>अधिगम प्रतिफल</b> १.स्मरण- पाठों में आए कठिन शब्दों और उनके अर्थों को पहचान सकना २.समझ-पाठों की मुख्य घटना और संदेश को अपने शब्दों में स्पष्ट कर पाना।पदों को अपने शब्दों में अभिव्यक्ति दे पाना। ३.अनुप्रयोग- पाठ के विचारों को अपने जीवन के अनुभवों से जोड़कर उदाहरण दे पाने में सक्षम होना । <b>गतिविधियाँ</b> -- माइंड मैप द्वारा विद्यार्थी भक्त और भगवान के आपसी सम्बन्ध का विश्लेषण करेंगे अपने किसी प्रिय मित्र /सखी को अपने मन के वे भाव लिखिए जो आप बड़े दिनों से उसे कह नहीं पा रहे थे ।</p>	<p><b>Une journée de Pauline.</b></p> <p>L'Heure Les jours / Les mois Les Repas La vie quotidienne Les verbes pronominaux Les messages La lettre <b>Expression Écrite-</b> Écrivez votre journée en utilisant enfin, d'abord, puis, etc. <b>Values :</b> Helping with household chores.</p> <p><b>Gender</b></p>	<p><b>शारदा-कक्षा-नवमी पाठ-सुखस्य मूलं धर्मः धर्मस्य मूलम् अर्थः</b> <b>पाठ-सत्यं शिवं सुन्दरं संस्कृतम् व्याकरण – शब्दरूपाणि</b> पुल्लिंग- पितृवत्, भवत् स्त्रीलिंग- मतिवत्, मातृवत् नपुंसकलिंग- जगत् सर्वनामशब्दाः –तत्, इदम्(त्रिषु लिंगेषु) <b>धातरूपाणि-</b> कृ (पंच लकारेषु), सेव् (लट्- लृट्लकारयोः) <b>प्रत्यय-</b> क्त, क्तवतु</p>	<p><b>Lektion 2 : Wir kaufen nichts</b> · damit · um..z u+ infinitive · Email · Dialog · Vokabular..</p> <p><b>Learning Outcomes</b> <b>Students will be able to – Use the concept of um zu and Damit in sentences to express their purpose in life And how one can live without</b></p>	<p><b>Topic:</b> Introduction to linear Polynomials <b>Sub Topics:</b> -Polynomials in one variable -Zeroes of a polynomial -Remainder theorem -Linear pattern -Linear Growth -Linear Decay -Linear Relationships -Graph of linear equations.</p> <p><b>Life Skills</b> Interpretation Analytical skills Problem solving skills Critical thinking</p> <p><b>Values:</b> Discipline</p> <p><b>Health and Wellness:</b> Importance of healthy eating</p> <p><b>Gender</b></p>	<p><b>PHYSICS: MOTION</b> - Graphical representation of motion. -Equations of motion. <b>Learning Outcomes:</b> 1. Understand and interpret different types of motion graphs such as: Distance–time graphs. Velocity–time graphs. 2. Distinguish between uniform and non-uniform motion using graphs. 3. Analyze the slope of a graph to determine: - Speed from a distance–time graph. - Acceleration from a velocity–time graph. 4. Interpret real-life motion situations through graphical</p>	<p><b>Topic: Democracy</b> <b>Learning Outcomes</b> <b>Each student will be able to-</b> State the meaning, features and types of democracy Explain the roots of democracy in India Enlist some challenges to democracy in India Understand the democratic systems in the world <b>Values / Skills -</b> Equality and Gender Sensitivity - Respect for - Diversity and Inclusion - Responsibility and Active Citizenship <b>Art Integration</b> Create poster</p>	<p><b>Part B Unit 2: Data Entry &amp; Keyboarding Skills</b></p> <p>Keyboarding Skills, • Types of keys on the keyboard, Numeric keypad, • Home keys, Guide keys, • Typing and deleting text, • Typing ergonomics , • Positioning of fingers on the keyboard, Allocation of keys to fingers on four different</p>	<p><b>Family and Values</b></p> <p>Concept and types of family</p> <p>Role of family in Holistic development of an individual</p> <p>Ethical and value-based society</p> <p>Importance of Girl Child</p> <p>Influence of various factors on a family</p> <p><b>Learning Outcomes:</b> - Define family and explain its characteristics and types. - Differentiate between nuclear, joint, and extended families.</p>

<p><b>Value:</b> Dignity of Labour</p> <p><b>Poem: Gifts of Grace: Honouring Our Vacations</b></p> <p><b>Learning Outcomes: Each student will be able to:</b> 1. Interpret the poem and identify its theme and message 2. Connect the poem with their personal experiences and express their reflections</p> <p><b>Activity 1:</b> Art Integration- collage or poster depicting 'gift of grace'</p> <p><b>Value:</b> Gratitude</p>	<p><b>जीवन कौशल -</b> १.समस्या समाधान २. रचनात्मक सोच <b>जीवन मूल्य -</b> १.त्याग, समर्पण , आस्था , भक्ति, आत्मविश्वास</p>	<p><b>Sensitivity -</b> Talk about boys and girls helping in the kitchen and equally distributing housework</p> <p><b>Health &amp; Wellness :</b> Eating a balanced meal.</p> <p><b>Art Integration- une affiche (une fête à votre lycée)</b></p> <p><b>Learning Outcomes</b></p> <p>Conjugate pronominal verbs in the present, past and future tenses. Describe a day in their life using pronominal verbs.</p>	<p><b>संधि- स्वर संधि- वृद्धि, यण्</b></p> <p>व्यंजन-संधि: -जश्त्व</p> <p>विसर्ग-संधि: -उत्त्व</p> <p><b>कारक- उपपद- विभक्त्यः- द्वितीया- धिक्, समया, निकषा, प्रति, विना, परितः, उभयतः</b></p> <p><b>तृतीया- सह, साकम्, समम्, सार्धम्, विना, अलम्, सदृश, हीन</b></p> <p><b>चतुर्थी -रुच्, दा(यच्छ्), नमः, कुप्, स्वस्ति</b></p> <p><b>रचनात्मक- कार्य</b> चित्र-वर्णन पत्र-पूर्ति कथा/संवाद-पूर्ति</p> <p><b>अपठित- गद्यांश</b></p> <p><b>गतिविधि-</b></p>	<p><b>money.</b></p> <p><b>Values: Sustainability, Financial Responsibility Life Skills: Decision-making</b></p>	<p><b>Sensitivity</b> Decision making</p> <p><b>Learning Outcomes</b></p> <p><b>Each student will be able to</b></p> <p>- identify/classify polynomials among algebraic expressions</p> <p>-Identify Linear patterns</p> <p>-plot linear graph by finding solutions.</p> <p><b>Topic :</b> Exploring Algebraic Identities</p> <p>Subtopic : Identities and factorisation</p> <p>Splitting the middle term.</p> <p>Learning Outcome</p> <p>•Factorise polynomials</p>	<p>representation.</p> <p>5. Calculate distance or displacement using the area under a velocity–time graph.</p> <p>6. Recall and write the three equations of motion.</p> <p>7. Apply equations of motion to solve numerical problems.</p> <p>8. Analyze real-life situations involving motion using these equations.</p> <p><b>Activity:</b> To determine the speed of a longitudinal pulse propagated through a stretched slinky.</p> <p><b>Values:</b> Respect rules (Traffic rules)</p> <p><b>Chemistry</b> Exploring Mixtures and their separation (continued) -Solubility of substances</p>	<p>on “Features of Democracy” on your school Canva account</p> <p><b>Topic: Early Humans and Beginning of Civilization Learning Outcomes</b></p> <p><b>Each student will be able to-</b></p> <p>-Explain the Cultural development from 2 million years ago</p> <p>-Find out the early human history,</p> <p>-State the periodisation: Archaeological ages</p> <p>-Explain as to Who were human ancestors? In Palaeolithic age how there were hunter-gatherers living and using stone tools</p> <p>– How in Mesolithic period there was transition to food production:</p>	<p>rows,</p> <ul style="list-style-type: none"> <li>• Pointing device – Mouse, Mouse operations.</li> <li>• Touch typing technique,</li> <li>• User interface of Typing Tutor,</li> <li>• Typing text and interpreting results,</li> <li>• Working with the lesson editor,</li> <li>• Calculating typing speed,</li> <li>• Typing rhythm.</li> </ul> <p><b>Learning Outcomes</b></p> <ul style="list-style-type: none"> <li>• Identify the keys and their use on the keyboard,</li> <li>• Demonstrate to use of</li> </ul>	<p>- Explain the role of family in holistic development.</p> <p>- Demonstrate understanding of values like: Respect Care Dignity of labour</p> <p>- Analyze the importance of the girl child.</p> <p>- Evaluate how factors like technology, globalization, and migration affect families.</p> <p><b>Food Nutrition and Health</b></p> <p>- Definition of terms: Food</p> <ul style="list-style-type: none"> <li>• Nutrition</li> <li>• Nutrient</li> <li>• Health</li> <li>• Nutritional Status</li> </ul> <p>- Food and its functions</p> <p>- Relationship of Food, Health and Diseases</p> <p>- Malnutrition</p> <p>- Concept of</p>
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<p><b>Prose: Winds of Change</b></p> <p><b>Learning Outcomes: Each student will be able to:</b></p> <p>1. Comprehend the lesson and identify how change affects individuals</p> <p>2. Analyse the theme of change and express their viewpoints on adapting to it</p> <p><b>Activity 1: Debate-</b> Change is always beneficial</p> <p><b>Activity 2:</b> Role play enacting situations showing resistance and acceptance of change</p> <p><b>Life Skill:</b> Adaptability</p>			<p>List the various food items eaten for each meal. Write messages in French. Tell time in French.</p>	<p><b>भाषायां कला-</b> गीत-गायनम् वित्त-संबन्धी- परियोजना संवाद-वाचन कारक- उपपद- विभक्ति- रंगोलिका <b>अधिगम प्रतिफल</b> -उचित शब्दरूपों व धातुरूपों द्वारा कम से कम पाँच वाक्यों की पूर्ति शुद्ध वर्तनी सहित करके लेखन कौशल को विकसित कर पाएगा। -प्रत्ययों व उसके भेदों को नियमों सहित समझकर प्रत्ययोंके कम से कम पाँच शब्दों की संयोजन अथवा वियोजन शुद्ध वर्तनी सहित</p>		<p>using appropriate algebraic identities -Factorise using splitting the middle term. - Divide a polynomial with other polynomial</p> <p><b>ACTIVITY 1 :</b> PLOTTING A LINEAR GRAPH OF GIVEN CASE STUDY IN LAB MANUAL.</p> <p><b>Activity 2 :</b> verify <math>(a + b)^2</math> using paper cutting pasting method.</p>	<p>-Methods of separation of components of homogeneous mixtures -Methods of separation of components of heterogeneous mixtures <b>Learning Outcomes:</b> 1. Analyse graphs of solubility and explain how the solubility of substances changes with temperature 2. Demonstrate various separation techniques for various mixtures 3. Explain the scientific principles behind different separation techniques</p> <p><b>Health and wellness:</b> Separation techniques used in wellness sector Biology <b>The Fundamental Unit of Life</b> (Continued)</p>	<p>-Name some Mesolithic sites and tools Explain how in Neolithic age there was and the beginning of farming: - Neolithic revolution - Domestication of plants and animals - Compare the Harappan and contemporary cultures - Mesopotamian, Egyptian, and Chinese civilisation</p> <p><b>Art Integration</b> Draw a pencil sketch of a cave paintings</p> <p><b>Values- -</b> Appreciation of Cultural Heritage -Appreciation of Cultural Heritage -Respect for Human Effort and Innovation - Environmental Awareness <b>Summer Holiday HW</b></p>	<p>various keys on the keyboard, • Demonstrate typing the text, numbers, and special characters using appropriate keys on the keyboard, • Practice the correct typing ergonomics , • Practice placing fingers on the correct key in four different row of keyboard, • Practice various mouse operations. • Practice typing text in typing tutor software</p>	<p>Balanced Diet - Nutrients: sources and functions • Macro- nutrients: Carbohydrates, Protein and Fats</p> <p><b>Learning Outcomes:</b> - Define key terms: food, nutrition, nutrient, health, nutritional status.  - Explain functions of food (physiological, social, psychological).  - Explain the relationship between diet, health, and disease. - Differentiate between undernutrition and overnutrition.  - Plan a balanced diet for different individuals.</p>
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	<p><b>Poem:</b> <b>Canvas of Soil</b></p> <p><b>Learning Outcomes:</b> <b>Each student will be able to:</b></p> <ol style="list-style-type: none"> <li>Analyse the poem and interpret its theme related to nature</li> <li>Identify poetic devices such as imagery and symbolism</li> </ol> <p><b>Activity 1:</b> Art Integration- Students create a digital canvas inspired by the poem</p> <p><b>Activity 2:</b> Imagery Sharing Circle (Class Discussion) Students describe the mental images formed while reading the</p>		<p>लिखकर लेखन कौशल को विकसित कर पाएगा। -संधि व उसके भेदों को नियमों सहित समझकर संधि के कम से कम पाँच शब्दों की संधि अथवा संधिविच्छेद शुद्ध वर्तनी सहित लिखकर लेखन कौशल को विकसित कर पाएगा। -उचित उपपदविभक्तिपदों द्वारा कम से कम पाँच वाक्यों की पूर्ति शुद्ध वर्तनी सहित करके लेखन कौशल को विकसित कर पाएगा। -प्रदत्त चित्र का वर्णन संस्कृत-वाक्यों द्वारा युग्मरूप में</p>			<p><b>-Cell Organelles</b> - ER – SER; RER - Golgi Apparatus - Lysosomes - Mitochondria - Plastids - Vacuole <b>- Plant Cell Vs Animal Cell</b> Learning Outcome: 1. Distinguish between rough endoplasmic reticulum and smooth endoplasmic reticulum based on their structure &amp; function. 2. Differentiate between prokaryotes &amp; eukaryotes on at least three points. 3. List at least three cell organelles and cite their functions. 4. Classify plastids based on the substance they store. 5. Write at least three points of</p>		<p>and interpreting the results.</p>	<p>- Classify nutrients into macro and micro nutrients</p> <p>- Identify sources and functions of each nutrient.</p> <p><b>Values:</b> Family values and food habits together shape behaviour and lifestyle.</p> <p><b>Health and Wellness:</b> Healthy family practices and healthy individuals.</p> <p><b>Gender sensitivity:</b> Equality in both care work and nutrition access.</p> <p><b>Life skills:</b> Daily life habits (food + family roles)</p> <p><b>Activity 1:</b> Students debate about how their nuclear/ joint family is better</p>
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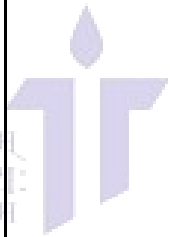
<p>poem</p> <p><b>Value:</b> Respect for Nature</p> <p><b>Writing Skill: Formal E-mail</b></p> <p><b>Learning Outcomes: Each student will be able to:</b> 1. recall the format and features of a formal email 2. draft a formal email using appropriate tone and structure</p> <p><b>Activity 1:</b> Role Play- Students simulate real-life scenarios (complaint, request) and discuss what email they would write <b>Activity 2:</b> Peer Review Discussion- Students exchange</p>			<p>शुद्ध वर्तनी सहित करके लेखन कौशल को विकसित कर जाएगा। -प्रदत्त पत्र की पूर्ति मंजूषा में दिए गए शब्दों द्वारा युग्मरूप में शुद्ध वर्तनी सहित करके लेखन कौशल को विकसित कर जाएगा। -कथा व संवाद की पूर्ति उचितशब्दों द्वारा शुद्ध वर्तनी सहित लिखकर लेखन कौशल को विकसित कर जाएगा। -अपठित गद्यांश पर आधारित प्रश्नों के उत्तरों का उचित प्रकार से शुद्ध वर्तनी सहित लिखकर लेखन कौशल को विकसित कर जाएगा।</p>		<p>differences between a plant cell and an animal cell.</p> <p><b>Activity:</b> Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells &amp; to record observations and draw their labelled diagrams. <b>Health and Wellness:</b> Eat in moderation (Limit sugary and caffeinated beverages.)</p>			<p>than the other arrangement.</p> <p><b>Activity 2:</b> Students present any food item which is rich in macronutrient.</p>
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emails and give feedback on tone, clarity, and format.  
**Life Skill:**  
Effective Communication  
**Writing Skill:**  
**Factual Description**

**Learning Outcomes:**  
**Each student will be able to:**  
1. Organise factual information logically  
2. present clear and structured descriptions

**Activity 1:**  
Observation-Based Activity (Class Discussion) - Students observe an object/place and discuss key details before writing.

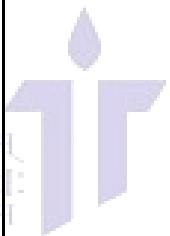
**Activity 2:**



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Art  
Integration-  
Students  
draw a  
scene/object  
and then  
write a  
factual  
description  
based on it.  
**Life Skill:**  
Organisation  
Skills  
**Grammar:**  
**Modal  
Auxiliaries**

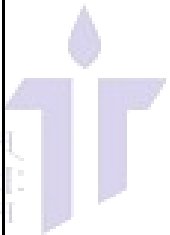
**Learning  
Outcomes:**  
**Each  
student will  
be able to:**  
1. Identify  
different  
modal  
auxiliaries  
and their  
uses.  
2. Apply  
modals  
correctly in  
sentences to  
express  
ability,  
permission,  
obligation,  
and  
possibility.  
**Activity 1:**  
Role Play-  
Students act



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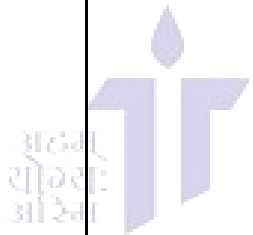
	<p>out situations (asking permission, giving advice, expressing obligation) using modals.</p> <p><b>Activity 2:</b> Class Discussion- Students frame sentences based on real-life situations using different modals.</p>									
<p>July</p> <p><b>Topic</b></p> <p><b>Subtopic</b></p> <p><b>Learning Outcome</b></p> <p><b>Activity1</b></p> <p><b>Activity2</b></p> <p><b>Life Skill</b></p> <p><b>Value</b></p> <p><b>Gender</b></p> <p><b>Health and Wellness</b></p>	<p><b>Prose:</b> <b>Vitamin-M Learning</b> <b>Outcomes:</b> <b>Each student will be able to:</b></p> <p>1. Comprehend the lesson and identify its central theme and message. 2. Analyse the role of money in relationships and express their</p>	<p><b>साहित्य -</b> राम परशुराम संवाद (पद्य) रीढ़ की हड्डी (गद्य) <b>व्याकरण -</b> -विराम चिह्न -समानार्थी शब्द <b>- लेखन कौशल</b> - अनुच्छेद -लेखन - संवाद -लेखन <b>अधिगम प्रतिफल</b> • पात्रों के व्यवहार का विश्लेषण करना -सामाजिक कुरीतियों पर आलोचनात्मक सोच विकसित करना - अपने विचार तर्क</p>	<p><b>Les Saisons</b> exprimer la cause/conséquence La météo Les Saisons et Les Vêtements Quel temps fait-il ? L'Impératif</p>	<p><b>शारदा-कक्षा-नवमी पाठ-आत्मवत्सर्व भूतेषु यः पश्यति सः पाठ-उपायं चिन्तयेत् प्राज्ञस्तथापायम् व्याकरण-व्यंजन संधि-मोऽनुस्वार,(जशत्व) वर्गीय-प्रथमवर्णस्य</b></p>	<p><b>Lektion 3 : Das würde ich nie tun !</b></p> <p><b>Vokabular</b></p> <p><b>Email</b></p> <p><b>Dialog</b></p> <p><b>Frage wort : Wo(r) + Präposition.</b></p> <p><b>Pronomen</b></p>	<p><b>TOPIC :</b>The use of coordinates Subtopics : -The Cartesian Coordinate System -Plotting and Location - The Distance Formula -Advanced Applications: Midpoints, collinearity of points <b>Life skills</b> Interpretation skill</p>	<p><b>Biology: Tissues</b> - Plant Tissues -Epidermis -Meristematic Tissues -Parenchyma Tissues -Collenchyma Tissues -Sclerenchyma Tissues <b>Learning Outcomes</b> Each student will be able to: 1. Differentiate between plant and animal tissues by</p>	<p><b>Topic: Atmosphere</b> – Structure and composition; elements of weather and climate – Seasons of India and monsoons – Climate change – Floods – Carbon footprint <b>Topic: The Price Puzzle</b> – Laws of</p>	<p><b>Part A Unit 2: Self-Management Skills</b></p> <p>• Introduction to • Self-Management • Strength and Weakness Analysis • Self-Confidence • Positive Thinking • Personal Hygiene</p>	<p><b>Food, Nutrition and Health</b></p> <p>Nutrients: sources and functions Micro-nutrients: Vitamin A, Vitamin B complex, Vitamin C, Vitamin D, Calcium, Iron, Iodine <b>Learning Outcomes:</b> - Classify nutrients into</p>

<p>viewpoints critically.</p> <p><b>Activity 1:</b> Class Discussion- Topic: 'Is money the most important factor in life?'</p> <p><b>Activity 2:</b> Role Play- Students enact situations showing the impact of money on relationships (positive/negative).</p> <p><b>Value:</b> Contentment</p> <p><b>Poem: I Cannot Remember My Mother</b></p> <p><b>Learning Outcomes:</b> Each student will be able to:</p> <ol style="list-style-type: none"> <li>1. Interpret the poem and understand its theme of memory and loss.</li> <li>2. Analyse the emotions</li> </ol>	<p>सहित व्यक्त कर पाने में सक्षम होना</p> <p><b>गतिविधियाँ --</b></p> <p><b>कला समेकित अधिगम</b></p> <p>अभिनय -</p> <ol style="list-style-type: none"> <li>१. उमा और गोपाल प्रसाद के बीच संवाद वाचन</li> <li>२. प्रश्न: "क्या उमा का विरोध सही था?" पहले सोचें → जोड़ी में चर्चा → पूरी कक्षा में साझा करें</li> </ol> <p><b>जीवन कौशल -</b></p> <ol style="list-style-type: none"> <li>१. संचार कौशल</li> <li>२. निर्णय लेने की क्षमता</li> </ol> <p><b>जीवन मूल्य -</b></p> <ol style="list-style-type: none"> <li>१. सहानुभूति - दूसरों के दुख को समझना</li> <li>२. साहस - अन्याय के खिलाफ आवाज उठाना</li> </ol>	<p>Le FuturProche</p> <ul style="list-style-type: none"> <li>Le Futur Simple</li> <li>La Basilique de Fourvière</li> <li>Le Théâtre de Guignol</li> </ul> <p>Learning Outcomes</p> <p>Describe each season of France and compare them with the seasons in India. List the various dresses which are worn in various seasons. Report the weather of a place in</p>	<p><b>तृतीयवर्ण परिवर्तनम् उपपद-विभक्तिः</b></p> <p><b>द्वितीया-समया / निकषा, प्रति, विना, परितः, उभयतः</b></p> <p><b>तृतीया-सह/समम्/सार्धम्, विना, अलम्, हीनचतुर्थी -रुच्, दा(यच्छ), नमः, कुप्, अलम् (सामर्थ्ये)</b></p> <p><b>शब्दरूप-कविवत्, नदीवत्, अस्मद्, युष्मद् धातुरूप-भू, नम्, क्षाल् (पंच लकारेषु)</b></p> <p><b>रचनात्मक-कार्य कथा/संवाद-पूर्ति चित्र-वर्णनम्</b></p> <p><b>जीवन-मूल्य-बन्धुभावः जीवन</b></p>	<p>da(r) + Präposition.</p> <p>Würden + infinitive.</p> <p>Wiederholung</p> <p>Learning Outcomes</p> <p>Students will be able to – Express their opinions and ask the same to others</p> <p>How one can agree or disagree with the statements</p> <p>And what they would like to become</p>	<p>Problem solving skills</p> <p>Communication</p> <p><b>Values:</b> Responsibility</p> <p><b>Health and Wellness:</b> Mental and emotional well being</p> <p><b>TOPIC :</b> The world of numbers</p> <p><b>Subtopics</b> Rational Numbers: Density of rational numbers on the number line and arithmetic laws.</p> <p>Decimal Expansions: Analyzing rational numbers through terminating, repeating, and non-repeating decimal expansions.</p> <p>Irrational Numbers: Identification, definition, and proof of irrationality for numbers.</p>	<p>identifying at least two distinct points of difference.</p> <ol style="list-style-type: none"> <li>2. Describe at least two key characteristics of meristematic, parenchyma, collenchyma, and sclerenchyma tissues.</li> <li>3. Explain at least three major functions of the epidermis in plants.</li> <li>4. Classify simple permanent tissues based on the nature and composition of their cell walls.</li> <li>5. Analyze the role of each type of meristematic tissue in plant growth and development.</li> </ol> <p><b>Chemistry</b></p> <p><b>Topic: Journey inside the atom</b></p> <p><b>Sub-topics:</b> -Atoms are the basic units of elements -Atoms consist of sub-atomic particles</p>	<p>demand and supply – Real-world deviations from textbook theory, such as in case of necessities, luxury goods, perishable items, and expectations – Some related concepts: price ceilings and market failures (externalities, information asymmetry, public goods)</p> <p><b>Multi-Disciplinary Project-Types of Markets &amp; Price Ceiling</b></p>	<p>and Grooming</p> <ul style="list-style-type: none"> <li>• Time Management</li> </ul> <p><b>Learning Outcomes</b></p> <ul style="list-style-type: none"> <li>• Demonstrate the positive results of self-management.</li> <li>• Identify the factors that help in building self-confidence.</li> <li>• Demonstrate self-management skills</li> </ul> <p>Digital poster on motivational quotes</p> <p><b>Part B</b></p> <p><b>Unit 2: Data Entry &amp; Keyboarding Skills</b></p> <p>Keyboarding Skills,</p>	<p>macro and micro nutrients. Identify sources and functions of each nutrient.</p> <p><b>Fibre and Fabric</b></p> <p>Definition of Fibre and Yarn</p> <p>Classification of fibre</p> <p>Characteristics of fibres</p> <p><b>Learning Outcomes:</b></p> <ul style="list-style-type: none"> <li>- Define fibre and yarn.</li> <li>- Classify fibres based on: Origin (natural/man-made) Length (staple/filament)</li> <li>- Identify examples like cotton, wool, silk, nylon, polyester.</li> <li>- Explain properties of</li> </ul>
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<p>conveyed through imagery and poetic expression.</p> <p><b>Activity 1:</b> 1. Imagery Sharing Circle (Class Discussion) Students share what images and feelings the poem evokes.</p> <p><b>Activity 2:</b> Art Integration Students create a visual representation of memories associated with loved ones.</p> <p><b>Value:</b> Emotional Sensitivity</p> <p><b>Writing Skill: Article Writing Learning Outcomes:</b> <b>Each student will be able to:</b> 1. Understand</p>		<p><b>French. Use the Imperative form of verbs in sentences</b></p> <p><b>Differentiate when to use futur simple and futur proche in sentences and conjugate the verbs correctly. Name the monuments of Lyon.</b></p> <p><b>Les Voyages</b> Les moyens de transport à la Gare La Publicité Les Cartes Postales Les Express</p>	<p><b>कौशल- प्राणिषु बन्धुभावः लिंग संवेदनशीलता- समानता व सम्मान स्वास्थ्य एवं कल्याण- मानसिक विकास गतिविधि- भाषायां कला- भूमिका- निर्वहन -श्लोक गायन - चित्रमाध्यमेन श्लोक भावार्थ प्रदर्शन। चित्रकला(वाली/मधुबनी कला)</b></p> <p><b>अधिगम प्रतिफल -नवीन शब्दों को रेखांकित करके उनके अर्थ जानकर</b></p>		<p><b>Real Numbers:</b> Representation of real numbers on the number line using the square root spiral.</p> <p><b>Advanced/Conceptual Topics:</b> Introduction to Cyclic Numbers and a preliminary look at Imaginary Numbers.</p> <p><b>Rationalizing the Denominator:</b> Techniques to rationalize denominators involving surds.</p> <p><b>Learning Outcomes</b> Understand and Apply Number Types: Classify, define, and operate with natural numbers, integers, rational, and irrational numbers. Visualize Number Line</p>	<p><b>-Atomic models (Thomson's Model, Rutherford's Model and Bohr's Model)</b></p> <p><b>Learning outcomes:</b> 1. Differentiate between subatomic particles (electrons, protons and neutrons) based on their charges and position in the atom 2. List the features and limitations of various atomic models 3. Co-relate the results and conclusions of different models of atomic structure</p> <p><b>Physics</b></p> <p><b>Topic – Motion (Contd.)</b></p> <p><b>Sub-topics:</b> <b>-Graphical representation of motion: velocity - time</b></p>		<ul style="list-style-type: none"> <li>• Types of keys on the keyboard, Numeric keypad,</li> <li>• Home keys, Guide keys,</li> <li>• Typing and deleting text,</li> <li>• Typing ergonomics</li> <li>• Positioning of fingers on the keyboard, Allocation of keys to fingers on four different rows,</li> <li>• Pointing device – Mouse, Mouse operations.</li> <li>• Touch typing technique,</li> <li>• User interface of Typing Tutor,</li> <li>• Typing text and</li> </ul>	<p>fibres</p> <p>- Apply knowledge to select suitable fabrics for different uses.</p> <p><b>Values:</b> Responsible daily choices improve quality of life.</p> <p><b>Health and wellness:</b> Nutrition and proper clothing leads to protection and healthy living.</p> <p><b>Gender sensitivity:</b> Equal participation in personal and family care roles.</p> <p><b>Life skills:</b> Everyday choices help make smarter, healthier living.</p> <p><b>Activity:</b> Students will present a dish and explain the micronutrients</p>
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	<p>the format and structure of an article. 2. Write a well-organised article expressing ideas clearly with relevant examples.</p> <p><b>Activity 1: Debate</b> Topic: 'Social media: Boon or bane' (to generate ideas for article writing).</p> <p><b>Activity 2: Peer Review Discussion</b> Students exchange articles and provide feedback on content, organisation, and language.</p> <p><b>Life Skill:</b> Critical Thinking <b>Grammar:</b> Reported Speech <b>Learning Outcomes:</b> Each</p>		<p>ssions avec être &amp; avoir Le Passé Comp osé</p> <p><u>Learning Outcomes</u></p> <p>Speak about SNCF, Air France and other modes of transport of France. Write dialogues for booking travel tickets. Write a postcard using the correct format. Conjugate all regular and irregular verbs in the past tense.</p>	<p>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 को संक्षिप्त रूप में बोल कर वाचन कौशल को विकसित कर 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>Structure: Represent rational and irrational numbers the number line using geometric construction. Execute Proofs: Prove the irrationality of using the proof by contradiction technique. Convert Decimal Forms: Convert terminating and non-terminating recurring decimal expansions into p/q form. <b>Topic :</b> Measuring <b>Space:</b> Perimeter and Area Subtopics Perimeter of Standard Shapes: Calculating the total distance around 2D shapes regular polygons). Introduction to (Pi):</p>	<p>graphs. <b>-Equations of motion: Derivation by graphical method and qualitative analysis with numericals.</b> <b>-Uniform circular motion.</b></p> <p><u>Learning Outcomes:</u> - Derive 3 equations of motion by graphical method. - Solve numerical problems based on equations of motion. - Construct and interpret the velocity-time graph for different types of motion - Evaluate slope and area under the given graph - Relate uniform circular motion with motion of celestial body - Calculate speed of an object travelling in a uniform</p>		<p>interpreting results, • Working with the lesson editor, • Calculating typing speed, • Typing rhythm.</p> <p><u>Learning Outcomes</u></p> <ul style="list-style-type: none"> <li>• Identify the keys and their use on the keyboard,</li> <li>• Demonstrate to use of various keys on the keyboard,</li> <li>• Demonstrate typing the text, numbers, and special characters using appropriate keys on the keyboard,</li> <li>• Practice the correct typing</li> </ul>	<p>present in it.</p> <p><b>Activity 2:</b> Students will burn different kind of fabrics and tell its name.</p>
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	<p><b>student will be able to:</b>  1. Identify the rules of direct and indirect speech.  2. convert sentences from direct to indirect speech accurately.  <b>Activity 1:</b>  <b>Role Play -</b>  Students enact short dialogues and then convert them into reported speech.  <b>Activity 2:</b>  <b>Class Discussion-</b>  The teacher gives real-life statements; students orally convert them into indirect speech.  <b>Life Skill:</b>  Effective Communication</p>			<p>-'वर्तमान में भी जीवन में सभी को अपने समान ही समझना चाहिए'-  विषय पर कम से कम दो वाक्य सांझा कर पाएगा ।  -  व्याकरणिक अभ्यास व रचनात्मक कार्य का शुद्ध वर्तनी सहित लेखन कर लेखन कौशल को विकसित कर पाएगा ।</p>		<p>Circumference and Area of a Circle: Deriving the formulas for circumference and area of a circle, with methods from ancient Indian mathematicians like Nilakantha Somayaji.  Area of Rectangles, Parallelograms, and Triangles: Understanding the measurement of the space inside these 2D shapes.  Heron's Formula: Applying Heron's formula for finding the area of a triangle .  Area of Paths/Borders:  <b>Life skills</b>  Interpretation skill  Problem solving skills  Communication  <b>Values:</b>  Responsibility  Health and</p>	<p><b>circular motion</b>  <b>TOPIC: HOW FORCES AFFECT MOTION</b>  <b>Sub-topics:</b>  -Force and its effects  -Balanced and unbalanced forces  -Galileo's experiment.  <b>Learning outcomes:</b>  - List the effects of force  - Examine forces acting on a body in order to determine change in body's motion as a consequence of resultant force  - Illustrate balanced and unbalanced forces  - Determine the impact of frictional force on the motion of an object  - State Newton's first law of motion</p>		<p>ergonomics</p>	
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**Wellness:**

Mental and emotional well being

**Learning Outcomes**

Differentiate &

Define:

Distinguish between perimeter (linear unit) and area (square unit).

Apply

Formulas:

Calculate the perimeter and area of squares, rectangles, triangles, and circles efficiently.

Understand

Spatial Relationship:

Deduce the relationship between perimeter and the length of a boundary, and area and the space enclosed.

Analyze

Complex

Figures: Find

**- Identify examples and situations that illustrate the use of Newton's first law of motion and inertia.**

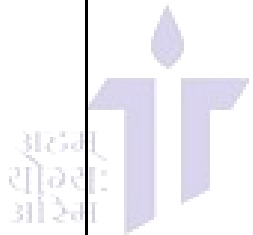
**Values:**

**Respect rules (Traffic rules)**

**Health &**

**Wellness:**

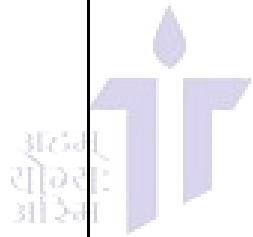
**Road Safety: Use of helmets and seat belts (Newton's First Law).**



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the area of composite shapes by breaking them into simpler figures (triangles, rectangles)  
Solve Practical Problems:  
Apply concepts to real-life contexts, such as calculating the amount of material needed for fencing, flooring, or paths.

-Define key terms such as coordinate axes, origin, quadrants, abscissa, and ordinate.  
-Plot points with given coordinates on a Cartesian plane.  
-Analyze the relationship between the coordinates of a point and its specific quadrant location.



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-Apply the distance formula to find the distance between two points in a plane.  
-Calculate the midpoint of a line segment.

The student will be able to:

- Recognise cuboids and cubes in real-life situations.
- Compute the surface area and volume of a cuboid.
- Explain how a cube is a 'special case' of a cuboid.
- Describe a right circular cylinder using its radius and height.
- Compute the surface area and volume of a cylinder.
- Recognise cones in daily

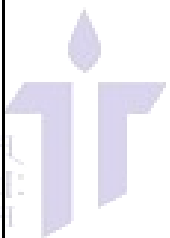
						life, and describe them using radius and height. • Compute the surface area and volume of a cone				
August	<p><b>Prose: The World of Limitless Possibilities Learning Outcomes: Each student will be able to:</b></p> <p>1. Comprehend the lesson and identify its central idea about potential and opportunities.</p> <p>2. Analyse how determination and mindset influence success and express their views.</p> <p><b>Activity 1:</b> Class Discussion- Topic: 'Are our limits real</p>	<p><b>साहित्य -</b> आखरी चट्टान तक (गद्य) झांसी की रानी (पद्य)</p> <p><b>अधिगम प्रतिफल -</b> -प्राकृतिक दृश्य (समुद्र, सूर्यास्त, चट्टान) का भावपूर्ण वर्णन कर सकेंगे। लेखक के अनुभवों से भावनात्मक एवं कल्पनात्मक अभिव्यक्ति विकसित करेंगे। -शब्द भंडार (जैसे— क्षितिज, विस्तार, स्याह, झुरमुट आदि) का सही प्रयोग कर सकेंगे। -साहस एवं देशभक्ति की भावना को और विकसित कर सकेंगे।</p> <p><b>गतिविधियाँ</b> १. कक्षा को ३ समूहों में बाँटा जाएगा -</p>	<p><b>Les Loisirs et les Sports</b> Les Loisirs Les Sports L'Imparfait Exprimer! Obligation La Tour de France</p> <p><b>Learning Outcomes</b> <b>List the various hobbies of french students and compare them with those of the Indian students. Conjugate verbs in the</b></p>	<p><b>शारदा-कक्षा-नवमी न खलु वयस्तेजसो हेतुः व्याकरण - उपपद-विभक्ति:- पंचमी -</b> विना, बहिः, भी, रक्ष <b>षष्ठी</b> -उपरि, अधः, पुरतः, पृष्ठतः, वामतः, दक्षिणतः <b>सप्तमी -</b> स्निह, विश्वस्, निपुण, कुशल <b>विसर्ग संधि</b> - उत्वम् संख्या(१-५०), (१-४ केवलं प्रथमा-विभक्तौ)</p>	<p><b>Lektion 3 Das würde ich nie tun !</b></p> <p>· Feste Präposition · Dialog · Email · Partzip Perfekt · Redemittals · Modalverben Konnektoren learning outcome: Each student will be</p>	<p><b>Topic : (ctd) Measuring Space: Perimeter and Area (same as above)</b></p> <p><b>Topic I'm Up and Down, and Round and Round</b></p> <p><b>Subtopic</b></p> <p>Basic Terms: Circle, center, radius, diameter, circumference, chord. Circle Regions: Interior, exterior, and boundary (circle). Parts of a Circle: Arcs (major/minor),</p>	<p><b>Chemistry</b></p> <p><b>Topic: Journey inside the atom (continued)</b></p> <p><b>Sub topics:</b></p> <ol style="list-style-type: none"> <li>1. Symbols of elements</li> <li>2. Atomic number</li> <li>3. Mass number</li> <li>4. Electronic configuration of atoms</li> <li>5. Valency, valence shell and valence electrons</li> <li>6. Isotopes and isobars</li> </ol> <p><b>Learning outcomes:</b> Students will be able to: 1. Identify and write the symbols of common elements using standard notation. 2. Differentiate</p>	<p>Awaiting availability of Social science NCERT textbook for Grade IX</p>	<p><b>Part B Unit 3: Digital Documentation</b></p> <p>• Introduction to Libre office writer • Creating a document, Parts of a Word Processor Window, • Text editing – Undo and Redo, • Moving and copying text, • Copy and Paste, • Selecting text, • Selection criteria, • Selecting non - consecutive text items, • Selecting a</p>	<p><b>Resource Management</b></p> <p>Resources</p> <p>Types of resources</p> <p>Waste management</p> <p>Proper disposal of kitchen waste</p> <p><b>Learning Outcomes:</b></p> <p>- Define resources and explain their characteristics. - Classify resources into: Human (time, energy, knowledge) Non-human (money,</p>

<p>or self-created?'</p> <p><b>Activity 2:</b> Role Play Students enact situations showing how a positive mindset can overcome challenges.</p> <p><b>Life Skill:</b> Self-awareness</p> <p><b>Poem: Nine Gold Medals Learning Outcomes:</b> <b>Each student will be able to:</b></p> <ol style="list-style-type: none"> <li>1. interpret the poem and identify its theme of empathy and sportsmanship.</li> <li>2. analyse the message conveyed through the actions of the athletes.</li> </ol> <p><b>Activity 1:</b> Role Play- Students recreate the final race scene to</p>	<p>एक समूह प्राकृतिक दृश्य का वर्णन करेगा</p> <p>-दूसरा समूह लेखक की भावनाएं बताएगा</p> <p>-तीसरा समूह सामाजिक समस्या (बेकारी) पर प्रकाश डालेगा</p> <p><b>२. कला समेकित कार्य -</b> सूर्यास्त/समुद्र का चित्र बनाकर उसका वर्णन करना</p> <p><b>जीवन कौशल -</b> १. संवेदनशीलता बेरोजगार युवाओं की स्थिति समझना २. साहस और आत्मविश्वास ३. डर के बावजूद आगे बढ़ना</p>	<p><b>Imparfait form and use them in sentences .</b></p> <p><b>Understand a comprehension passage on Tour de France and answer questions based on it.</b></p> <p><b>L'argent de poche.</b> Comment gagner / Comment dépenser / Comment économiser La Carte junior Les Adjectifs interrogatifs Les Pronoms Personnels La Négation</p>	<p><b>रचनात्मक-कार्यम्-</b> कथा/संवाद-पूर्ति पत्र-पूर्ति <b>अपठित-गद्यांश</b> जीवन-मूल्य-देशभक्ति: जीवन कौशल-देशाय समर्पणभाव: लिंग संवेदनशीलता-समानता व सम्मान स्वास्थ्य एवं कल्याण-मानसिक विकास</p> <p><b>गतिविधि-भाषायां कला-</b> -भूमिका-निर्वहन -चित्रपट्टिका माध्यमेन भावार्थ प्रदर्शन। चित्रकला(वाली/मधुबनी कला) <b>अधिगम-</b></p>	<p>able to- · Conjugate verbs in Partizip perfekt. · Answer questions based on the lesson. · Express about their past experiences. using partizip perfekt · Create Dialog and Email using fixed Proposition · Create sentences using modal verbs</p> <p><b>Was ist dein Traum ?</b></p> <p><b>Values:</b> Self-belief, motivation,</p>	<p>sector, and segment. Angle Subtended by a Chord: Theorems regarding the angle formed at the center by a chord. Perpendicular from Center Proof that the perpendicular from the center to a chord bisects the chord. Equal Chords and Distance: Properties of chords that are equidistant from the center. Angle Subtended by an Arc: Relationship between angles subtended by an arc at the center and at the circumference. Cyclic Quadrilaterals: Definitions and properties</p> <p><b>Life skills</b> Interpretation</p>	<p>between atomic number and mass number and relate them to the number of protons, neutrons and electrons.</p> <ol style="list-style-type: none"> <li>3. Determine the valency of an element based on its electronic configuration.</li> <li>4. Apply their understanding to solve simple problems related to atomic structure.</li> </ol> <p>Biology <b>Tissues (Contd.)</b></p> <p><b>-Complex Permanent Plant Tissues</b> <b>-Animal Tissues</b> <b>- Epithelium Tissues</b> <b>- Connective Tissues</b> <b>- Muscular Tissues</b> <b>- Nervous Tissues</b> Learning Outcomes: Each student will be able to:</p>	<p>vertical block of text, • Find and replace option, • Jumping to the page number, • Non-printing characters, • Checking spelling and grammar, • Using Synonyms and Thesaurus. Page style dialog • Formatting text – Removing manual formatting, Common text formatting, Changing text case, Superscript and Subscript • Formatting paragraph – Indenting paragraphs, Aligning paragraphs, Font colour, highlighting, and background colour, Using</p>	<p>materials) - Demonstrate understanding of efficient resource use.</p> <p>- Explain the concept of 5 Rs (Refuse, Reduce, Reuse, Repair, Recycle). - Differentiate between biodegradable and non-biodegradable waste. - Suggest appropriate methods of waste disposal (composting, recycling, etc.).</p> <p>- Apply resource management skills in daily life situations.</p> <p><b>Values:</b> Use resources wisely, not carelessly.</p> <p><b>Health and Wellness:</b> Organized life is healthier life.</p>
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<p>highlight emotions and values. <b>Activity 2:</b> Class Discussion Topic: 'What matters more—winning or humanity?' <b>Value:</b> Empathy <b>Writing</b> <b>Skill: Notice Writing</b> <b>Learning Outcomes:</b> <b>Each student will be able to:</b> 1. recall the format and essential elements of a notice. 2. draft a clear and concise notice for different situations. <b>Activity 1:</b> Role Play- Students act as school authorities announcing events and discuss what details must</p>	<p>highlight emotions and values. <b>Activity 2:</b> Class Discussion Topic: 'What matters more—winning or humanity?' <b>Value:</b> Empathy <b>Writing</b> <b>Skill: Notice Writing</b> <b>Learning Outcomes:</b> <b>Each student will be able to:</b> 1. recall the format and essential elements of a notice. 2. draft a clear and concise notice for different situations. <b>Activity 1:</b> Role Play- Students act as school authorities announcing events and discuss what details must</p>	<p><b>Learning Outcomes</b> Talk about pocket money – how to earn it, how to spend it, how to save it, etc. Open a bank account. Convert sentences into their negative forms.</p>	<p><b>प्रतिफल-</b> 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 जाएगा । -कथा को संक्षिप्त रूप में बोल कर वाचन कौशल को विकसित कर जाएगा । -वर्तमान में भी जीवन में सभी स्वतंत्रता सेनानियों के बलिदान व योगदान सराहनीय है ।'- विषय पर कम से कम दो वाक्य सांझा कर जाएगा । -व्याकरणिक अभ्यास कार्य</p>	<p>perseverance, positivity  <b>Life Skills:</b> Goal setting, self-expression, confidence building, decision-making  <b>Aktivitat: Einen Freund belügen</b>  <b>Welche würdest du nie tun und warum?</b></p>	<p>skill Problem solving skills Communication <b>Values:</b> Responsibility <b>Health and Wellness:</b> Mental and emotional well being <b>Gender Sensitivity:</b> Treating all with respect</p>	<ol style="list-style-type: none"> <li>differentiate between xylem &amp; phloem tissues based on their structure &amp; function</li> <li>state at least three types of epithelial tissues &amp; their location in the animal body</li> <li>distinguish among tendon, ligament &amp; cartilage</li> <li>state at least three components of blood along with their functions</li> <li>differentiate between striated and un-striated muscles based on their structure &amp; function</li> <li>describe at least one function of the nerve cell</li> </ol> <p><b>Activity:</b> Identification of striped, smooth, and cardiac muscle fibers and nerve cells in animals, from</p>	<p>bullets and numbering, Assigning colour, border and background to paragraph. • Page formatting – setting up basic page layout using styles, Inserting page break, Creating header/footer and page numbers, • Defining borders and backgrounds, Inserting images shapes, special characters in a document, Dividing page into columns, Formatting the shape or image. • Creating table in Word Processor • Inserting row and column in a table • Deleting rows and</p>	<p><b>Gender sensitivity:</b> Resource management is everyone's responsibility.  <b>Life skills:</b> Smart planning is better living.  <b>Activity:</b> Create slogan or poster for proper disposal of domestic waste.</p>
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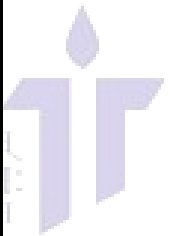
	<p>be included in a notice.  <b>Activity 2:</b>  Peer Review Discussion- Students exchange notices and give feedback on clarity, format, and relevance.  <b>Life Skill:</b>  Effective Communication  <b>Writing Skill: Poster Making Learning Outcomes: Each student will be able to:</b>  1. identify key elements of an effective poster (slogan, visuals, message).  2. design a creative poster conveying a clear message.  <b>Activity 1:</b>  Art</p>			<p>का शुद्ध वर्तनी सहित लेखन कर लेखन कौशल को विकसित कर पाएगा।</p>			<p>prepared slides.  Draw their labeled diagrams.  <b>Value:</b>  Integrity</p> <p><b>Physics</b>  <b>TOPIC: HOW FORCES AFFECT MOTION</b></p> <p><b>Sub-topics:</b>  - Inertia and mass.  - Newton's second law of motion.  - Newton's third law of motion.  - Forces acting on a system of objects.</p> <p><b>Learning Outcomes:</b>  - Relate mass and inertia.  - State Newton's second law and apply it in daily life.  - Interpret SI unit of force and use formulas to calculate mass of an object.  - Apply Newton's second law of motion and calculate rate of</p>		<p>columns</p> <ul style="list-style-type: none"> <li>• Splitting and merging tables</li> <li>• Deleting a table</li> <li>• Copying a table</li> <li>• Moving a table</li> </ul> <p><b>Learning Outcomes</b>  List the available word processing applications.</p> <ul style="list-style-type: none"> <li>• Introduction with the parts of the main window.</li> <li>• Change document views.</li> <li>• Start a new document.</li> <li>• Open an existing document.</li> <li>• Save a document.</li> <li>• Close a document.</li> <li>• Editing of text in a document</li> <li>• Demonstrate to use undo and redo option,</li> <li>• Use the keyboard and</li> </ul>	
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	<p>Integration- Students design posters on themes like environment, health, or awareness.</p> <p><b>Activity 2:</b> Gallery Walk- (Class Discussion) Students display posters and explain their ideas while peers give feedback.</p> <p><b>Life Skill:</b> Creativity</p> <p><b>Grammar:</b> Subject-Verb Concord</p> <p><b>Learning Outcomes:</b> Each student will be able to:</p> <ol style="list-style-type: none"> <li>1. understand and identify rules of subject-verb agreement.</li> <li>2. apply correct subject-verb agreement in sentences.</li> </ol>						<p>change of momentum in objects.</p> <ul style="list-style-type: none"> <li>- State Newton's third law and apply it in practical life</li> <li>- Illustrate Newton's third law of motion.</li> <li>- List simple examples on action-reaction forces</li> <li>- Identify situations that demonstrate the application of Newton's third law of motion.</li> </ul> <p><b>Activity:</b> To study the third law of motion using two spring balances.</p> <p><b>Health &amp; Wellness:</b> Road Safety: Use of helmets and seat belts (Newton's First Law).</p>		<p>mouse options to select, cut, copy, paste, and move text.</p>	
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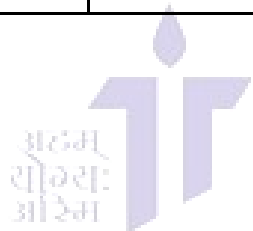


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	<p><b>Activity 1:</b> Class Discussion Activity- Students correct incorrect sentences and justify their answers.</p> <p><b>Activity 2:</b> Role Play- Students create short dialogues and ensure correct subject-verb usage. Life Skill: Attention to Detail</p>									
<p>September</p> <p><b>Topic</b></p> <p><b>Subtopic</b></p> <p><b>Learning Outcome</b></p> <p><b>Activity1</b></p> <p><b>Activity2</b></p> <p><b>Life Skill</b></p> <p><b>Value</b></p> <p><b>Gender</b></p> <p><b>Health and</b></p>	<p><b>Mid-term Revision:</b></p> <p>Prose, Poetry, Writing Skill, Grammar</p> <p><b>Learning Outcomes:</b> Each child will be able to:</p> <p>1. Recall main value points of the stories</p>	<p><b>मध्यावधि परीक्षा - पुनरावृत्ति कार्य</b> - गद्य, पद्य, व्याकरण लेखन कौशल <b>अधिगम प्रतिफल -</b> प्रत्येक छात्र - १. सभी प्रकरणों को ध्यान से समझेगा २. साहित्य के अंतर्गत सभी पाठों में वर्णित सभी पात्रों का चरित्र चित्रण कर पाएगा ३. व्याकरण के बिंदुओं को नियमानुसार प्रयोग में ला पाएगा</p>	<p><b>Revision for the Half-Yearly exam</b></p> <p><b>Les temps des Verbes</b> <b>Les verbes pronominaux</b> <b>La Lettre</b> <b>La Carte</b></p>	<p><b>पुनरावृत्ति</b> व्याकरण रचनात्मक-कार्य अपठित-गद्यांश <b>जीवन मूल्य-</b> समय नियोजन <b>जीवन मूल्य-</b> कर्तव्यनिष्ठा व त्याग <b>लिंग संवेदनशीलता-</b></p>	<p><b>Wiederholung für die Prüfung.</b></p> <p><b>Life Skill</b> Problem Solving</p>	<p><b>Topic: Probability</b> Subtopics: Probability-A theoretical Approach Probability of an event</p> <p><b>Life Skill</b> Problem Solving <b>Value</b> Sensitivity to Environment <b>Gender</b> <b>Sensitivity</b></p>	<p><b>Revision for the Half-Yearly exam</b></p>	<p><b>Revision</b></p>	<p><b>Revision</b></p>	<p><b>Revision</b></p>

<p><b>Wellness</b></p>	<p>and poems</p> <p>2. Recall Character traits</p> <p>3. Recall the Writing formats</p> <p>4. Apply the Grammar structures taught</p>		<p><b>Postale</b></p> <p><u>Learning Outcomes</u> <b>Practise conjugation of all regular and irregular verbs and pronominal verbs in all the tenses done so far. Identify which tense the verb should be conjugated in depending on the sentence</b></p>	<p>समानता व सम्मान की भावना <b>स्वास्थ्य एवं कल्याण-</b> मानसिक विकास</p> <p><b>अधिगम-प्रतिफल-</b> -पाठों, व्याकरण, अपठित गद्यांश तथा रचनात्मक लेखन की अभ्यास द्वारा परीक्षा हेतु पुनरावृत्ति कर पाएगा।</p>		<p><b>Awareness Health and Wellness</b> Time Management <b>General Awareness</b> Equity and Equality</p> <p><b>Learning Outcome</b> Each student will be able to: (i) cite the examples from daily life situations based on applications of probability  (ii) distinguish between experimental and theoretical probability  (iii) apply the formulae and numerically compute / explain the probability of events such as tossing a coin, deck of cards, rolling a die etc.  (iv) interpret the</p>				
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						<p>probability of a sure event, impossible event, elementary and complementary Events</p> <p>(v) prove that the sum of probabilities of all the elementary events in an experiment always 1</p>				
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