



TAGORE INTERNATIONAL SCHOOL EAST OF KAILASH, NEW DELHI

Class XI PARENT SYLLABUS 2025 -2026 HUMANITIES

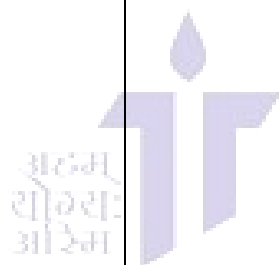
Month	English	Geography	Political science	History	Psychology	Ped.	Home Sc	Math	IP	Economics	Painting
July	<p>Topic: 1. Prose: <u>The Summer of the Beautiful White Horse-</u></p> <p>Learning Outcomes</p> <p>Each student will be able to</p> <p>-paraphrase the text and explain the ideas</p> <p>-justify the title</p> <p>-write character sketches analysing the actions of the characters</p> <p>-filter value points from the text to answer the questions asked</p> <p>-write a speech in about 150</p>	<p>L- 5. Geomorphic Processes</p> <p>-Factors affecting formation of land forms</p> <p>-Types of geomorphic processes</p> <p>Weathering: physical, chemical and biological</p> <p>-Mass wasting</p> <p>-Factors affecting soil formation</p> <p>Learning Outcomes</p> <p>Define geomorphic process</p> <p>Explain diastrophic movements</p> <p>Describe weathering and its role in soil</p>	<p>Topic: Election and Representation</p> <p>Sub topic: The Concept of Representation</p> <p>Elections as a Democratic Tool</p> <p>Types of Electoral Systems</p> <p>Factors Influencing Representation</p> <p>Fair and Democratic Elections</p> <p>Learning Outcomes</p> <p>Identify</p>	<p>An Empire Across Three Continents</p> <p>Learning Outcomes</p> <p>-Introduction</p> <p>-The Early Empire</p> <p>-The Third Century Crisis</p> <p>-Gender, Literacy, Culture</p> <p>-Economic Expansion</p> <p>-Controlling Workers</p> <p>-Social Hierarchies</p> <p>-Late Antiquity</p> <p>Learning Outcomes</p> <p>Each Student will be able to-</p> <p>- List the sources for the</p>	<p>Unit 2: Methods of Enquiry</p> <p>Psychological Testing</p> <p>Case Study</p> <p>Limitations of enquiry</p> <p>Ethical issues</p> <p>Learning Outcomes</p> <p>Each student will be able to:</p> <p>Explain case study method</p>	<p>Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang)</p> <p>Concept of Disability and Disorder</p> <p>Types of Disability, its causes & nature (Intellectual disability, Physical disability)</p> <p>Disability Etiquette</p> <p>Aim & Objective of Adaptive Physical Education</p> <p>Role of various professionals for children with special needs (Counsellor,</p>	<p>Health and wellness</p> <p>-Introduction, healthy persons, BMI, fitness</p> <p>-Wellness, stress and coping with stress</p> <p>NUTRITION, HEALTH, AND HYGIENE</p> <p>Health and its dimensions, indicators of health, nutrition, and health</p> <p>Nutrients, factors affecting nutritional well-being</p>	<p>Topic: Straight Lines</p> <p>Sub- Topics</p> <p>*Introduction</p> <p>*Slope of a line</p> <p>*Slope of line when coordinates of any two points on the line are given</p> <p>* Condition of parallelism and perpendicularity of lines in terms of their slopes</p> <p>*Angle between two lines</p> <p>*Various forms of equations of lines</p> <p>*Distance of a point from a line</p> <p>Learning Outcomes</p> <p>Each child will be able to:</p> <p>*find the slope of a line</p> <p>*Various forms</p>	<p>Unit 1: Computer Systems</p> <p>• Basic computer organisation</p> <p>Introduction to Computer System</p> <p>Unit 3: Basics of Python</p> <p>Basics of Python programming, execution modes: - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operator, precedence of operators,</p>	<p>Unit1: Introduction to Microeconomics</p> <p>*Meaning of Microeconomics and Macroeconomics;</p> <p>*Positive and Normative Economics</p> <p>*What is an economy?</p> <p>*Central problems of an economy- what, how and for whom to produce</p> <p>*Concepts of PPC and Opportunity Cost, MOC and MRT</p> <p>Learning Outcomes:</p> <p>1. Und</p>	<p>Theory:</p> <p>*Introduction of Art in Mauryan period</p> <p>*Lion Capital from Sarnath</p> <p>*Chauri Bearer from Didar Ganj (Yaksh)</p> <p>*Introduction of art in post-Mauryan period (Shunga, Kushana</p>

<p>words, following a proper format</p> <p>-add at least 3-4 new words to his/her vocabulary</p> <p><u>2. Writing Skill:</u></p> <p><u>Debate Writing</u></p> <p>Learning Outcome</p> <p>Each student will be able to:</p> <p>-differentiate between the writing skills- Speech and Debate</p> <p>-comment on the style and diction that should be adopted while writing a debate</p> <p>-frame at least 2-3 phrases to be used in a debate</p> <p><u>3. Poem:</u></p> <p><u>The Laburnum Top</u></p> <p>Learning Outcome</p>	<p>formation</p> <p>Define mass wasting and list its types</p> <p>Explain slow movements and rapid movements</p> <p>Case Study:</p> <p>https://www.downtoearth.org.in/ne</p> <p>ws/natural-disasters/out-of-the</p> <p>abyss-56977</p> <p>L 6. Landforms and their Evolution</p> <p>-Agents of change</p> <p>-Working with running water, glaciers and wind</p> <p>-Erosional and depositional landformsCoastal topography, desert landforms</p> <p>Learning Outcome</p> <p>Explain stages</p>	<p>different types and methods of election</p> <p>Develop critical thinking about the role of various stakeholders in ensuring free and fair elections.</p> <p>Demonstrate the innate role played by Election Commission</p> <p>Compare election systems of different countries of the world.</p> <p>Topic: Executive</p> <p>Subtopics:</p> <p>a) What is an executive?</p> <p>b) What are the different types of executives?</p>	<p>study of the Roman empire</p> <p>-Compare in 8 points the Iranian and the Roman empires</p> <p>-Write the importance of the Mediterranean Sea in at least 3 points.</p> <p>-Define the terms- Republic, Princep Principate, Civil war</p> <p>-Write a note on the three main players of the political history of theRoman empire</p> <p>-Explain the causes of the Third century crisis in at least 3 points</p> <p>-Compare in 8 points the position of Women in Rome with those of today.</p> <p>-Write a note</p>	<p>Describe the limitations of psychological enquiry</p> <p>Explain ethical considerations of research</p> <p>UNIT 9</p> <p>Motivation and Emotion</p> <p>Nature of motivation</p> <p>Types of motives</p> <p>Theories of emotion.</p> <p>Managing negative emotions</p> <p>Enhancing positive emotions</p> <p>Learning</p>	<p>Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist & Special Educator)</p> <p>Learning Outcomes</p> <p>Each student will be able to:</p> <p>Identify the concept of Disability and Disorder</p> <p>Outline types of disability and describe their causes and nature</p> <p>Adhere to and respect children with special needs by following etiquettes</p> <p>Identify possibilities and scope in adaptive physical education</p>	<p>Nutritional problems and their consequences, hygiene and sanitation</p> <p>NUTRITION, HEALTH, AND WELL-BEING, AND WATER SAFETY</p> <p>Nutrition, health and hygiene during infancy, , breast feeding, complementary foods</p> <p>- immunization, common deficiency diseases</p> <p>-factors influencing diet intake, healthy habits.</p> <p>Properties of potable water, tradition and modern methods of</p>	<p>of a line</p> <p>1.one-point form,</p> <p>2. two-point form,</p> <p>3. slope-intercept form,</p> <p>4. intercept form,</p> <p>*find the equation of a line using the various forms of Line.</p> <p>*Calculate the distance of a point from a line</p> <p>Topic: Conic Sections</p> <p>Subtopics:</p> <p>*Introduction</p> <p>*Sections of a cone</p> <p>* Circle, ellipse, parabola and hyperbola</p> <p>* Degenerated conic sections</p> <p>* Circle</p> <p>*Introduction</p> <p>*Sections of a cone</p> <p>* Parabola</p> <p>* Latus rectum</p> <p>* Ellipse</p> <p>* Relationship between semi-major axis, semi-minor axis and the distance of the focus from</p>	<p>data types, mutable and immutable data types, statements, expression evaluation. Comments, input and output statements, data type conversion, debugging. Control Statements: if-else, if-elif-else, loops, for and while loop, Nested Loop</p> <p>Learning Outcomes</p> <p>Each child will be able to:</p> <p>1.Understand the structure of a computer system, hardware and software within a computer system, CPU, memory, and input/output</p>	<p>erst and the concept of scarcity</p> <p>2. State the reasons behind emergence of</p> <p>Problem of choice</p> <p>3. Analyse the Central Problems</p> <p>4. Apply the concept of PPC understanding its</p>	<p>and Gupta period) * Seated Buddha from Katra Mound, Mathura</p> <p>* Jain Tirathankara (Gupta period)</p> <p>*Cave tradition in India: Chaitya caves & Vihara caves</p> <p>Practical -</p> <p>Sports composition</p> <p>Learning Outcome</p> <p>Each child will</p>
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Each student will be able to	of the river. Illustrate the formation of v-shaped valleys, waterfalls, moraines.	c) Parliamentary executive in India Power and position of President Discretionary Powers of the President d) Prime Minister and Council of ministers e) Permanent Executive: Bureaucracy	on the economic expansion of the Roman empire. -Analyze the working of the institution of slavery in the Roman empire in at least 8 points. -Explain the social hierarchies of the empire in at least 8 points. -List the reforms carried out by Diocletian and Constantine	Outcome Describe nature of motivation Describe types of motives Explain theories of emotion Explain ways of managing negative emotions Explain ways to enhance positive emotions UNIT 4 Human Development Meaning of	Relate various types of professional support for children with special needs along with their roles and responsibilities Unit V Physical Fitness, Health and Wellness Meaning and Importance of Wellness, Health and Physical Fitness Components/Dimensions of Wellness, Health and Physical Fitness Traditional Sports & Regional Games for promoting wellness Leadership through Physical Activity and Sports Introduction to First Aid – PRICE	water purification MANAGEMENT OF RESOURCES -introduction, types of resources -characteristics of resources, management process LEARNING OUTCOME -Students will be able to outline the importance of health and fitness and analyze various health concerns by identifying their causes, effects, and preventive measures. -Students will value the concept of wellness and demonstrate a commitment	the centre of the ellipse * Special cases of an ellipse * Eccentricity * Standard equations of an ellipse * Latus rectum * Hyperbola * Eccentricity * Standard equations of a hyperbola * Latus rectum Learning Outcomes Each child will be able to: *define a parabola and recognize/find the standard equation of parabola *define/find the coordinates of focus, axis, equation of directrix and length of latus rectum of a parabola *define an ellipse and recognize /find the standard equations of an ellipse *state the relationship between semi-	devices, Hardware Components, memory (primary, cache, and secondary) 2. Recognize different memory types, Compiler, Interpreter, Application Software: 3. Write and run basic Python programs. 4. Use print statements to output information. 5. Work with simple data types such as integers, floats, and strings. 6. Use if..else statements for decision-making and loops for repetitive tasks. 7. Use of loops like for, while and nested loops	characteristics and shifts 5. Solve for MOC and MRT numerically 6. Distinguish between positive and normative economics <u>Microeconomics</u> <u>Demand and Elasticity of Demand</u> *Demand;	be able to: explain most important features of lion capital of sarnath and Didarganj yakshini differentiate art and architecture of Mauryan and post Mauryan period demonstrate the process of turning sketch into a finished painting Ability to interpret and logical selection of ideas for assignment
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<p>We're Not Afraid to Die...if We Can All Be Together</p> <p>Learning Outcome</p> <p>Each student will be able to</p> <p>-justify the title of the story</p> <p>-identify the personal traits of the characters</p> <p>-summarise the plot in their own style</p> <p>-comment on the values highlighted in the story</p> <p>-filter value points from the text to answer the questions asked</p> <p>-add at least 3-4 new words in his/her vocabulary</p>	<p>Describe the significance of water vapour and dust particles in the atmosphere. Explain the importance of troposphere and stratosphere</p>	<p>functioning of the executive. Know the significance of the administrative machinery.</p>	<p>organization</p> <p>-Conquests and relations with other states.</p> <p>- Historians' views on nomadic societies and state formation</p> <p>Learning Outcomes</p> <p>Each student will be able to-</p> <p>-Analyze the nature of nomadic empires in 8 points.</p> <p>-Trace the different processes through which nomadic empires were formed.</p> <p>-Critique the different invasions of nomadic tribes in 8 points</p>	<p>development</p> <p>Life-span perspective on development</p> <p>Bronfenbrenner's contextual view of development</p> <p>Prenatal development</p> <p>Childhood developmental stages</p> <p>Development during adolescence</p> <p>Learning Outcome</p> <p>Each student will be able to:</p> <p>Describe the meaning and process of development</p>	<p>Learning Outcomes</p> <p>Each student will be able to:</p> <p>Explain wellness and its importance and define the components of wellness</p> <p>Classify physical fitness and recognize its importance in life</p> <p>Distinguish between skill related and health-related components of physical fitness</p> <p>Explain traditional sports and regional games to promote wellness</p> <p>Relate leadership through physical activity and sports</p> <p>Know the different steps</p>	<p>to making informed choices that promote a healthy lifestyle.</p> <p>-Students will demonstrate practical steps to promote good health by engaging in activities such as meal planning, physical exercises, and stress management techniques.</p> <p>-Students will be able to discuss the significance of health and critically examine its various dimensions.</p> <p>-Students will develop and awareness of the impact of nutrition on overall health and demonstrate a responsible attitude towards</p>	<p>major axis, semi-minor axis and the distance of focus from the centre of the ellipse</p> <p>*define eccentricity</p> <p>*define/find the coordinates of foci, vertices, lengths of major axis, and minor axis, eccentricity and length of latus rectum of the given ellipse</p> <p>*define a hyperbola and recognize/find the standard equations of a hyperbola</p> <p>*define/find the coordinates of foci, vertices, eccentricity and length of latus rectum of the given hyperbola.</p>	<p>Market Demand; Determinants of Demand; Demand Schedule; Demand Curve- its slope</p> <p>*Movement along the demand curve and shift in the demand curve</p> <p>*Law of Demand & its exceptions</p> <p>*Price elasticity of demand-factors affecting Ed</p> <p>*Measurement of Ed- percentage and total expenditure method</p> <p><u>Consumer's equilibrium</u></p> <p>*Utility approach-meaning of Utility, Marginal Utility, *Law of Diminishing Marginal Utility,</p>	
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					<p>Explain the influence of heredity and environment on human development</p> <p>Identify the stages of development</p> <p>Describe the major characteristics of infancy, childhood and adolescence</p>	<p>used in first aid - PRICE</p>	<p>making balanced dietary choices by recognizing the distinction between macro and micro nutrients.</p> <p>-Students will be able to identify and classify diseases caused by nutrient deficiencies and present their findings.</p> <p>-Explain the nutritional needs of children at various stages of development and analyse common health and nutritional problems associated with each stage.</p> <p>- Students will demonstrate a commitment to promoting healthy eating habits by planning balanced meals for children and valuing the</p>			<p>*Conditions of consumer's equilibrium using cardinal approach</p> <p>*Indifference Curve approach- Budget Set, Budget Line, Monotonic preferences, Indifference Curve, Indifference Map and</p> <p>*Conditions of consumer's equilibrium</p> <p>Learning Outcomes:</p> <p>The students would be able to:</p> <ol style="list-style-type: none"> 1. Understand the conditions of consumer's equilibrium in case of single and two commodities. 2. State and explain the law of Diminishing Marginal Utility 3. Comprehend the significance 	
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impact of food habits on overall well-being.

-students will demonstrate the ability to accurately record and administer immunization schedules for children following recommended guidelines.

-students will be able to define the term resources and classify them into different types based on their characteristics and usage.

-students will value the characteristics of resources and demonstrate a commitment to their efficient and sustainable management.

-students will demonstrate the application of the

of indifference curves

4. State the reason behind downward demand curve

5. Apply the role of budget line and apply in everyday life

6. Analyse and apply the concept of Elasticity of Demand in Business.

							management process in real-life situations				
Aug	<p>1. Prose: Discovering Tut: the Saga Continues</p> <p>Learning Outcome</p> <p>Each student will be able to</p> <p>give reasons as to why King Tut's body has been subjected to repeated scrutiny</p> <p>explain why Howard Carter's investigation was resented</p> <p>justify the title</p> <p>enumerate the examples of scientific advancements that have revolutionised the field of archaeology</p> <p>2. Reading: <u>Note Making and Summarisation</u></p>	<p>8. Solar Radiation, Heat Balance and Temperature</p> <p>Heating and cooling of the atmosphere.</p> <p>Factors controlling temperature Horizontal and vertical distribution of temperature. Inversion of temperature</p> <p>Learning Outcomes</p> <p>Explain the effect of slope and latitude on insolation. Define radiation, convection and conduction. Define isotherms. Illustrate horizontal and vertical distribution of temperature</p> <p>Book-2 1. India – Location</p>	<p>Topic: Legislature</p> <p>Sub topic: a) Why do we need a parliament? b) Why do we need two houses of parliament? Rajya Sabha Lok Sabha c) What does the parliament do? Powers of Rajya Sabha Special Powers of Rajya Sabha d) How does the parliament make laws? e) How does the parliament control the</p>	<p>The Three Orders -An Introduction to Feudalism -France and England -The Three Orders -England</p> <p>Learning Outcomes</p> <p>Each student will be able to-</p> <p>-Define the term Feudalism.</p> <p>-List the Causes for the rise of Feudalism in at least 8 points.</p> <p>-Analyse the socio-economic conditions of Europe in at least 8 points.</p> <p>- Discuss the importance of</p>	<p>UNIT-5</p> <p>Sensory, Attentional and Perceptual Processes</p> <p>Knowing the world;</p> <p>Nature of stimuli;</p> <p>Nature and functioning of sense modalities</p> <p>Attention :</p> <p>Nature and determinants ;</p> <p>Selective and sustained attention;</p> <p>Perceptual Processes,</p> <p>The Perceiver,</p>	<p>Unit VI Test, Measurement & Evaluation</p> <p>Define Test, Measurement & Evaluation</p> <p>Importance of Test, Measurements and Evaluation in Sports</p> <p>Calculation of BMI, Waist – Hip Ratio, Skin fold measurement (3-site)</p> <p>Somato Types (Endomorphy, Mesomorphy & Ectomorphy)</p> <p>Measurements of health-related fitness</p> <p>Learning Outcomes</p> <p>Each student will be able to:</p> <p>Define the terms test, measurement,</p>	<p>RESOURCE AVAILABILITY AND MANAGEMENT</p> <p>Time management</p> <p>Work simplification</p> <p>Space planning</p> <p>FINANCIAL MANAGEMENT AND PLANNING</p> <p>-family income and its types</p> <p>-budget, control in money management</p> <p>-savings and investment avenues, credit</p> <p>Learning Outcomes</p> <p>-Students will</p>	<p>Topic: Complex Numbers and Quadratic Equations Subtopics:</p> <p>*Introduction</p> <p>*Complex numbers</p> <p>*Algebra of complex numbers</p> <p>Learning Outcomes</p> <p>Each Student will be able to:</p> <p>*recognize the need of a system of numbers beyond Real Numbers.</p> <p>*define iota.</p> <p>*define a complex number</p> <p>* find the sum, difference, quotient and product of two complex</p>	<p>Unit 3: Python: List and Dictionary</p> <p>Introduction to List (- Concept of list, Syntax: [], Heterogeneous value, Indexing & accessing) List Operations (- Concatenation (+), Repetition (*), - Membership (in, not in), Slicing) Traversing a List (Using loops (for, while) to access all elements, List Methods and Built-in Functions Methods: append(), insert(), remove(), pop(), clear(), sort(),</p>	<p><u>MEASURES OF CENTRAL TENDENCY</u></p> <p>Arithmetic mean, median and mode</p> <p>Learning Outcomes:</p> <p>Each child will be able to:</p> <ul style="list-style-type: none"> To understand the need for summarising a set of data by one single number 	<p>Theory-</p> <p>Art in post-Mauryan period</p> <p>Sub topic- Ajanta & Ellora caves</p> <p>Buddhist architecture- Sanchi stupa</p> <p>Practical –</p> <p>Still life composition 2- Foliage study in mixed media (Water colours, graphite</p>

<p>Learning Outcome</p> <p>Each student will be able to</p> <p>-read the passage with understanding</p> <p>-define note making</p> <p>-summarise the passage for note making</p> <p>-filter value points from the text to prepare notes</p> <p><u>3. Prose: The Address</u></p> <p>Learning Outcome</p> <p>Each student will be able to</p> <p>-interpret the title</p> <p>-comment on the outcome of wars and the hardships that follows it</p> <p>-bring out the optimism in the story</p>	<p>Geographical location of India and its significance. Indian subcontinent Standard meridian Size and location India and its neighbours</p> <p>Learning Outcome</p> <p>Describe the location of India mentioning the surrounding water bodies. Locate the extent of India from north to south and east to west. Recall the longitudinal and latitudinal extent of India. Justify the importance of standard meridian (2 points).</p> <p>Identify the States of India sharing common international border with our neighbouring</p>	<p>executive? f) What do the committees of parliament do? g) How does the parliament regulate itself?</p> <p>Learning Outcomes</p> <p>Describe the law-making process in India. Differentiate between the powers and functions of Lok Sabha and Rajya Sabha. Examine the parliamentary control over the Executive. Analyse the role of Parliamentary</p>	<p>the three orders in the Feudal society</p> <p>-Explain the layout of a Manorial estate in atleast 8 points</p> <p>-Examine the factors that influenced social and economic relations in Feudal Europe in at least 8 points.</p> <p>-Discuss the causes for the 14th century crisis in atleast 3 points.</p>	<p>Principles of Perceptual Organisation.</p> <p>Perception space, depth and distance.</p> <p>Perceptual constancies, Illusions,</p> <p>Socio-cultural influences on perception.</p> <p>Learning Outcomes</p> <p>Each student will be able to:</p> <p>Describe that the nature of stimuli is based on our seven sense organs.</p> <p>Describe the functioning of sense</p>	<p>and evaluation</p> <p>Differentiate norm and criterion referenced standards</p> <p>Differentiate formative and summative evaluation</p> <p>Discuss the importance of measurement and evaluation processes</p> <p>Understand BMI: A popular clinical standard and its computation</p> <p>Differentiate between Endomorphy, Mesomorphy & Ectomorphy</p> <p>Describe the procedure of Anthropometric Measurement</p> <p>Unit VII Fundamentals of</p>	<p>be able to explain the significance of time and space as essential resources and analyze their effective management in daily life.</p> <p>-students will appreciate the importance of managing time and space effectively and demonstrate a willingness to use appropriate time management tools in their daily lives.</p> <p>- students will demonstrate the application of space management principles by organizing and optimising a given space efficiently.</p> <p>-students will be able to explain</p>	<p>numbers.</p> <p>*define conjugate and modulus of z.</p>	<p>reverse(), extend() -Functions: len(), sum(), max(), min(), type() List Manipulation - Update elements, Delete elements using del, remove(), pop(), Sorting and reversing Introduction to Dictionary: Syntax: {key: value}, Keys must be unique and immutable, Store and retrieve values Traversing a Dictionary: Using .keys(), .values(), .items(), for loop with dictionary Dictionary Methods and Built-in Functions - Methods: get(),</p>	<ul style="list-style-type: none"> er To recognise and distinguish between different types of averages To compute different types of averages Draw meaningful conclusions from a set of data 	<p>Pencil, Pen & Charcoal)</p> <p>Learning Outcome</p> <p>Each child will be able to:</p> <p>describe important sculptures, artwork and architecture in post Mauryan period</p> <p>demonstrate the process of turning sketch into a finished painting</p> <p>Ability to interpret and logical</p>
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<p>-identify three-four character traits of the narrator and Mrs. Dorling</p> <p>-filter value points from the text to answer the questions asked</p> <p>-add at least 3-4 new words in his/her vocabulary</p> <p><u>4. Poem: The Voice of the Rain</u></p> <p>Learning Outcome Each student will be able to</p> <p>-identify poetic devices</p> <p>-comment on the theme and autobiographical features of the poem</p> <p>- read the poem with proper tone and rhythm</p> <p>-explain the meaning of the poem</p>	<p>countries</p> <p>L 10. Water in the Atmosphere</p> <p>Significance of water vapour Source and distribution Cloud and its types Precipitation and its forms</p> <p>Learning Outcome Define evaporation, humidity and condensation Explain forms of condensation. Describe formation of clouds. Classify clouds</p>	<p>committees for the success of Indian democracy</p> <p>Topic: Judiciary</p> <p>Subtopics: a) Why do we need an independent judiciary? Independence of Judiciary Appointment of Judges Removal of Judges b) Structure of the Judiciary c) Jurisdiction of supreme Court Original Jurisdiction Writ Jurisdiction Appellate Jurisdiction Advisory Jurisdiction Judicial</p>	<p>modalities (visual sensation and the ear) and the concept of Adaptation</p> <p>Understand the concept of attention and various factors and a brief about ADHD.</p> <p>List down the principles of Perceptual organization.</p> <p>Describe perceptual constancies and the concept of illusions.</p> <p>Differentiate between monocular and binocular cues to depth</p>	<p>Anatomy, Physiology in Sports</p> <p>Definition and importance of Anatomy and Physiology in Exercise and Sports</p> <p>Functions of Skeletal System, Classification of Bones, and Types of Joints</p> <p>Properties and Functions of Muscles</p> <p>Structure and Functions of Circulatory System and Heart</p> <p>Structure and Functions of Respiratory System</p> <p>Learning Outcomes</p> <p>Each student will be able to:</p> <p>Identify the importance of anatomy and physiology</p> <p>Recognize the</p>	<p>the meaning and concept of financial management and classify different types of family income.</p> <p>-students will appreciate the importance of budgeting in family financial management and demonstrate a positive attitude towards savings and investments.</p> <p>-students will identify various bank investment schemes and create a comparative chart analysing their features, benefits, and risks.</p>	<p>update(), pop(), clear()) - Functions: len(), type() Manipulating Dictionaries: Add new key-value, Modify existing, Delete entry</p> <p>Learning Outcome</p> <p>- Create and access list elements - Use list operations in programs - Use loops to print or process list values - Apply list updates and deletions -Create and use dictionaries in Python - Use dictionary methods to manage data -Edit, delete, and update dictionary data effectively</p>	<ul style="list-style-type: none"> • Develop an understanding of which type of average would be the most useful in a particular situation. <p>SUPPLY Market supply, determinants of supply, supply schedule, supply curve and its slope, movement along and shifts in</p>	<p>selection of ideas in assignment</p> <p>able to use painting tools and equipment</p>
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			<p>Activism d) Judiciary and Rights Judiciary and Parliament</p> <p>Learning Outcomes</p> <p>Identify the different aspects which makes the Judiciary independen t Compare and contrast the different jurisdictions Analyse the reasons why Judiciary has become proactive. Examine the reasons for the conflicts between the judiciary and parliament with respect</p>		<p>perception.</p> <p>Understand the socio- cultural influences on perception.</p>	<p>functions of the skeleton</p> <p>Understand the functions of bones and identify various types of joints</p> <p>Figure out the properties and functions of muscles and understand how they work</p> <p>Understand the anatomy of the respiratory system and describe its working</p> <p>Identify and analyses the layout and functions of Circulatory System</p>				<p>supply curve, price elasticity of supply, measurement of price elasticity of supply, percentage change method</p> <p>Learning Outcomes: Each child will be able to:</p> <ul style="list-style-type: none"> • Defi ne sup ply, mar ket sup ply • Dra w sup ply curv e to expl ain the effe ct of vari ous fact ors • Illus trat e exp ansi 	
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			to Constitution al Amendment s.							on/c ontr acti on; incr eas e / dec rea se in sup ply. • Co mp ute elas ticit y of sup ply	
Sept	1. Writing Skill Advertisement Learning Outcome Each student will be able to - identify the requisites of the advertisement -frame short but meaningful phrases for the Ads. -draft classified Ads. as per the	L 9. Atmospheric Circulation and Weather system -Atmospheric pressure and its importance- Distribution of atmospheric pressure - Types of winds -Origin of monsoons-Air mass and fronts -Cyclones and their types	Topic: Federalism Subtopics: a) What is Federalism ? b) Federalism in the Indian Constitution Division of Powers c) Federalism with a strong central	Revision for Mid Term Examination	UNIT-6 Learning Nature of learning and learning curve: Paradigms of learning : Classical conditioning REVISION	Revision for Mid Term Examination	Revision for mid-term exams Learning Outcomes -Demonstrate the ability to review, analyze, and apply key concepts effectively, identify areas for improvement, and use strategic	Topic: Linear Inequalities Subtopics: *Inequations *Algebraic Solutions of Linear Inequalities in one Variable and their Graphical Solution Learning Outcomes	Unit 3: Python: List and Dictionary Manipulating Dictionaries: Add new key-value, Modify existing, Delete entry Learning Outcomes Each student will be able to: - Use dictionary methods to	PRODUCTION N FUNCTION Short run and long run production function, Total product, average product, marginal product, Returns to a factor Learning Outcome Each stud	Theory – Temple architecture in India Nagara style: Konark temple Khajuraho temple Dilwara temple

<p>lessons</p> <ul style="list-style-type: none"> -recall the format and rules related to the writing skills and grammatical concepts -draft ads and posters -draft sample speech and debate -answer the HOTS questions from the prescribed lessons <p><u>4. Assessment of Listening and Speaking Skills</u></p> <p>Learning Outcome</p> <p>Each student will be able to</p> <ul style="list-style-type: none"> - listen carefully to the podcast -speak up confidently - use the language and vocabulary appropriately 			<p>on which the union and state governments can make laws. Discuss the various constitutional provisions that led to a strong Centre in India.</p>							<p>of diminishing returns</p>	<p>equipment</p> <p>Incorporate elements of art in composition</p>
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Oct	<p><u>Prose: Mother's Day</u></p> <p>Learning Outcome Each student will be able to</p> <p>-highlight the role and status of a mother in a household (after watching the Ted talk shared with them)</p> <p>-identify at least 4-5 characteristics that mothers possess</p> <p>-analyse the theme and write their interpretation of the title</p> <p>-filter value points from the text to answer the questions asked</p> <p>-compose a song dedicated to mothers</p>	<p>L-11 Water (Oceans)</p> <p>-Hydrological cycle</p> <p>-Factors affecting ocean water temperature</p> <p>-Salinity: factors affecting salinity.</p> <p>Learning Outcomes Justify earth as a blue planet. List elements of hydrological cycle. Describe factors affecting temperature distribution of ocean water. Explain salinity in open and closed seas. L-12 World climate and climate change (2 classes) (To be tested through internal assessments in the form of project and</p>	<p>Topic: Local Government</p> <p>Sub topic: a) Why local government s? b) Growth of Local Government in India</p> <p>Local Governments in Independent India c) 73rd and 74th amendments d) 73rd Amendment Three Tier Structure Elections Reservations Transfer of Subjects State Election Commission State Finance Commission e) 74th Amendment Implementa</p>	<p>Changing Cultural Traditions</p> <p>-The Revival of Italian cities</p> <p>-Universities and Humanism</p> <p>-Science and Philosophy: - The Arab Contribution</p> <p>-Artists and Realism</p> <p>-Architecture</p> <p>-The First Printed Books</p> <p>-A New Concept of Human Beings</p> <p>-The Aspiration of Women</p> <p>-Debates Within Christianity</p> <p>-The Copernican Revolution</p> <p>-Was There a European Renaissance in the Fourteenth Century?</p> <p>Learning Outcomes Each student will be able to- Define the</p>	<p>UNIT-6</p> <p>Learning</p> <p>Nature of learning and learning curve: Paradigms of learning : Operant Conditioning Observational Learning, Cognitive learning</p> <p>Learning disabilities; Applications of learning principles</p> <p>Learning Outcomes</p> <p>Each student will be able to:</p> <p>Describe the nature of learning and features of learning.</p> <p>List down the paradigms of learning as two types of conditioning</p>	<p>Unit VIII Fundamentals of Kinesiology and Biomechanics in Sports</p> <p>Definition and Importance of Kinesiology and Biomechanics in Sports</p> <p>Principles of Biomechanics</p> <p>Kinetics and Kinematics in Sports</p> <p>Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation</p> <p>Axis and Planes – Concept and its application in body movements</p> <p>Learning Outcomes</p> <p>Each student will be able to:</p> <p>Understand</p>	<p>FABRIC AROUND US</p> <p>Introduction, fibre properties, classification of textile fibres</p> <p>Fibres and their properties</p> <p>Yarns, year terminology, fabric production</p> <p>Textile finishing</p> <p>OUR APPAREL</p> <p>Reasons for clothing choices, factors affecting selection of clothing in India</p> <p>Understanding children's basic clothing needs</p> <p>Learning Outcomes</p>	<p>Topic: Limits and Derivatives (11)</p> <p>Subtopics:</p> <p>*Introduction</p> <p>*Intuitive idea of Derivatives</p> <p>*Limits</p> <p>*Limits of trigonometric / Exponential / algebraic functions</p> <p>*Derivatives</p> <p>Learning Outcomes</p> <p>Each child will be able to:</p> <p>*define limit of a function</p> <p>*perceive the geometrical interpretation of limits</p> <p>*evaluate the limit of various functions</p> <p>*define</p>	<p>Chapter 6: Introduction to NumPy</p> <p>- Importance of NumPy</p> <p>- Installing NumPy</p> <p>- Creating arrays</p> <p>NumPy Array</p> <p>- One-dimensional and two-dimensional arrays</p> <p>- Array data types</p> <p>Indexing and Slicing</p> <p>- Accessing array elements</p> <p>- Slicing 1D and 2D arrays</p> <p>Operations on Arrays</p> <p>Arithmetic operations</p> <p>- Vectorized operations</p> <p>Concatenating Arrays</p> <p>`np.concatenate()` for joining arrays</p> <p>Reshaping Arrays</p> <p>- `reshape()` method</p> <p>-</p>	<p>COST- Short run costs- Total Cost, Total Fixed Cost, Total Variable Cost, Average Cost, Average Fixed Cost, Average Variable Cost, Marginal Cost- meaning and their relationships</p> <p>REVENUE - Total Revenue, Average Revenue, Marginal Revenue- meaning and their relationship</p> <p>PRODUCER'S EQUILIBRIUM- Meaning and its conditions in terms of MR and MC.</p> <p>Learning Outcomes: Each</p>	<p>Theory:</p> <p>Temple architecture in India:</p> <p>Dravida style architecture:</p> <p>Mahabali purn temple architecture</p> <p>Vesara style architecture:</p> <p>Kailash temple architecture</p> <p>Introduction to Indian Bronzes.</p> <p>Method of casting (solid and hollow)</p> <p>Study and</p>
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		<p>presentation)</p> <p>Analyse the causes and effects of climate change</p> <p>L-13 Movements of Ocean Water -Types of movements in ocean water. -Causes of waves -Tides: types and formation -Ocean Currents: meaning, types, significance Learning Outcome Define waves and its causes</p> <p>Describe origin of tides List and explain types of tides. Distinguish between cold and warm currents Explain importance of tides and ocean currents .</p>	<p>tion of 73rd and 74th Amendment Learning Outcomes Understand the Panchayati Raj system of local government in India, its emergence and significance Identify the objectives, functions and sources of income of rural and urban local government bodies Justify the significance of 73rd and 74th constitutional amendments Acknowledge and examine the</p>	<p>term Renaissance. -Trace the causes for the rise of the Italian cities. -Explain the concept of humanism in at least 3 points -Analyse the changes in science and philosophy brought about by the Arabs in at least 8 points .-Explain the development of architecture in at least 3 points. -Write a note on the status of women in medieval Europe</p>	<p>and other ways of learning including</p> <p>Observational Learning, Cognitive learning, Verbal learning, Concept learning, skill-learning.</p> <p>Analyze the factors influencing learning and various learning styles.</p> <p>Describe Learning Disabilities</p> <p>Explain the application of learning principles</p>	<p>Kinesiology and Biomechanics with their application in sports</p> <p>Explain biomechanical principles and their utilization in sports and physical education</p> <p>Illustrate fundamental body movements and their basic patterns</p> <p>Learn about the Axis and Planes and their application with body movements</p>	<p>Students will be able to explain the concepts of fibre and yarn, classify different types of fibres, and analyze the properties of each fibre type based on their characteristics and uses.</p> <p>Students will appreciate the importance of choosing suitable fibres and demonstrate a conscious effort to make informed, ethical, and sustainable fabric choices in everyday life.</p> <p>Students will be able to identify, handle, and differentiate various fabric types through touch, visual inspection, and simple tests, such as the</p>	<p>derivative of a function at a point</p> <p>*perceive the geometrical interpretation of derivatives</p> <p>*evaluate derivatives using the method of first principle. *learn the formulas of derivatives of some standard functions *perceive the concept of chain rule, quotient rule and product rule</p> <p>*apply the knowledge gained in differentiating functions.</p>	<p>Converting dimensions Splitting Arrays - Using 'split()' to break arrays Statistical Operations on Arrays - Mean, median, standard deviation using Numpy Loading Arrays from Files - Reading data using 'loadtxt()' or 'genfromtxt()') Saving NumPy Arrays in Files - Saving arrays using 'save()' and 'savetxt()') Learning Outcomes: Use NumPy basics Differentiate array types and implement them Master element</p>	<p>student will be able to:</p> <ul style="list-style-type: none"> • Explain firm's cost and revenue goals using TC, ATC, AFC, AVC and MC • State the conditions of producer's equilibrium 	<p>appreciation of:</p> <p>* Nataraj (Chola period)</p> <p>Practical:</p> <p>still life composition 3 -with two objects and two draperies</p> <p>Learning Outcomes</p> <p>Each child will be able to:</p> <p>Differentiate between Nagara and dravida style of temple</p>
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			<p>significance of decentralization</p> <p>Introspect and realise the need to empower local government bodies</p> <p>Topic: Constitution as a living document</p> <p>Sub topic: a) Are constitutions static? b) How to amend the constitution? c) Why have there been so many amendments?</p> <p>Learning Outcomes</p> <p>Analyse the working of the Constitution</p>			<p>burn test and absorbency test, to determine their properties and suitability for different uses.</p> <p>Students will be able to identify and explain the various functions of clothing, analyze their significance in different contexts, and evaluate how clothing choices impact comfort, culture, and sustainability.</p> <p>Students will develop an awareness of the specific clothing needs of children across different age groups and demonstrate a considerate approach in selecting appropriate clothing based</p>		<p>access via indexing</p> <p>Use NumPy for fast calculations</p> <p>Reshape arrays for manipulation</p> <p>Apply statistical operations programmatically</p> <p>Persist data using NumPy file handling</p>	<p>using MR-MC approach</p>	<p>demonstrate the process of turning sketch into a finished painting</p> <p>appropriate use painting tools and equipment</p>
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			. Know the various amendments that have taken place and the controversies raised. Appreciate why the Constitution is called a Living Document.			on comfort, safety, and practicality. Students will be able to demonstrate the ability to select, handle, and maintain different types of apparel by applying appropriate techniques.					
Nov	1. Poem: <u>Childhood</u> Learning Outcome Each student will be able to -identify poetic devices -comment on the theme and meaning of the poem -read the poem with proper tone and rhythm -enlist at least 3-4 characteristics	BOOK-2 Structure and Physiography -Geological divisions of India - Himalayasevolution, -classification Plains-formation and characteristics Plateaus-evolution and sub types Desert-characteristics Coastal- ghats	Topic: Political Theory: An introduction Sub topic: a) What is politics? b) What do we study in political theory? c) Putting Political theory into practice d) Why should we study political theory?	Displacing Indigenous peoples -Introduction -European colonists in North America and Australia. -Formation of white settler societies. -Displacement and repression of local people -Historians' viewpoints on the impact of European settlement Learning	UNIT-7 Human Memory Nature of memory; Information Processing Approach: The Stage Model, Memory Systems: Sensory,	Unit IX Psychology & Sports Definition & Importance of Psychology in Physical Education & Sports Developmental Characteristics at Different Stages of Development Adolescent Problems & Their Management Team Cohesion and Sports	OUR APPAREL Clothing requirements at infancy, creeping age, toddlers Clothing requirements at pre-school, elementary, adolescents, special kids CARE AND MAINTENANCE	Topic: Permutation and Combination Subtopics: * Introduction *Fundamental Principle of counting *Permutation when all the objects are/are not distinct. *Combination Learning Outcomes Each child will be able to: *state the fundamental	Chapter 5: Understanding Data Introduction to Data: Definition and types of data (qualitative, quantitative) - Importance of data in computing Data Collection: - Methods of data collection (survey, observation, sensors, etc.)	CORRELATION- Meaning and its properties, scattered diagram, measures of correlation- Karl Pearson's Method and Spearman's Rank Correlation method (Non repeated and repeated ranks) Learning Outcomes Each student	Theory: Some aspects of Indo-Islamic architecture: *Typologies of structures * Categories of styles * Study

<p>that establish the difference between children and adults</p> <p>-filter value points from the text to answer the questions asked</p> <p><u>2. Prose: The Adventure</u></p> <p>Learning Outcome Each student will be able to</p> <p>-analyse the theme and write their interpretation of the title.</p> <p>-talk about the catastrophe theory and quantum physics</p> <p>-highlight at least 2-3 qualities of the central character</p> <p>-filter value points from the text to answer the questions</p>	<p>Islands</p> <p>-List geological divisions of India.</p> <p>-Locate different ranges of Himalayas.</p> <p>Learning Outcome Describe the evolution of peninsular plateau. Write a note on Indian desert. Distinguish between western and eastern ghats. Differentiate between Andaman and Nicobar Islands and Lakshadweep islands L-14 Biodiversity and Conservation</p> <p>Introduction Levels of biodiversity Importance of biodiversity Loss of biodiversity IUCN classification of</p>	<p>Learning Outcomes</p> <p>Define the term politics and identify various political principles. Explain the innate ideas of various Political theories. Appreciate the contribution of Political Thinkers</p> <p>Topic: Freedom</p> <p>Subtopics: a) The Ideal of freedom b) The sources of Constraints- Why do we need constraints? c) The Harm Principle d) Negative</p>	<p>Outcomes</p> <p>Each student will be able to-</p> <p>-Trace the route of colonialism at least 8 points</p> <p>-Explain the lifestyle of the natives of South America in at least 8 points.</p> <p>-Analyse the settlement of Europeans in at least 8 points</p> <p>-Write a note on the native people of Australia in at least 8 points.</p> <p>-Trace the historiography of European settlement in at least 8 points</p>	<p>Short-term and Long-term memories.</p> <p>Levels of processing; Types of Long-term memory,</p> <p>representation and organization in memory;</p> <p>Memory as a constructive process;</p> <p>Nature and causes of forgetting;</p> <p>Enhancing memory</p> <p>Learning Outcomes</p> <p>Each Student will be able to:</p> <p>Describe the concept of Memory.</p> <p>Understand the Information Processing</p>	<p>Introduction to Psychological Attributes: Attention, Resilience, Mental Toughness</p> <p>Learning Outcomes</p> <p>Each student will be able to:</p> <p>Identify the role of Psychology in Physical Education and Sports</p> <p>Differentiate characteristics of growth and development at different stages</p> <p>Explain the issues related to adolescent behavior and Team Cohesion in Sports</p> <p>Correlate the psychological concepts with the sports and athlete specific situations</p>	<p>OF FABRICS</p> <p>Types of stains, stain removal techniques</p> <p>Common stains and methods of removing, removal of dirt, cleansing agents</p> <p>Methods of washing, finishing, drying of clothes, ironing, dry cleaning</p> <p>Storage of clothes, factors affecting fabrics care, care labels.</p> <p>Learning Outcomes</p> <p>Students will be able to identify and explain the various functions of clothing, analyze their significance in different</p>	<p>principle of Addition / Multiplication</p> <p>* factorial notation</p> <p>*define permutation.</p> <p>*find the number of permutations of n different objects with or without repetition.</p> <p>*define combination.</p> <p>*differentiate btw Permutation and Combination</p> <p>Topic: Probability Sub Topics: 1. Introduction 2. Random Experiments 3. Event- simple and compound events 4. Algebra of events 5. Mutually exclusive, exhaustive events</p> <p>Learning Outcomes</p>	<p>Data Storage: - Primary and secondary storage - File formats (CSV, TXT, JSON) Data Processing: - Sorting, filtering, grouping data - Real-world examples: sales, temperature, votes Statistical Techniques for Data Processing: - Mean, median, mode - Real-world use of stats in decision-making</p> <p>Chapter 7: Database Concepts What is a database? - Why use databases? - Real-life examples (library, hospital, bank)</p>	<p>will be able to:</p> <ul style="list-style-type: none"> Define Correlation Understand the nature of relationship between two variables Calculate the different measures of correlation Analyse the degree and 	<p>and appreciation of following architecture:</p> <p>i. Qutub Minar, Delhi</p> <p>ii. Gol Gumbaz of Bijapur</p> <p>iii. Taj mahal</p> <p>Practical: Composition no.4- Draw and paint composition on any festival with a minimum of four humans.</p>
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<p>asked</p> <p>-add at least 3-4 new words in his/her vocabulary</p> <p><u>3. Prose: Birth</u></p> <p>Learning Outcome Each student will be able to</p> <p>-reflect on the title and theme</p> <p>-enlist the characteristics of the protagonist</p> <p>-comment on the topics:</p> <p>- maintaining balance between personal and professional life</p> <p>-role and position of doctors in the society</p> <p>-critically appreciate the diction and style</p>	<p>threatened species Conservation of biodiversity</p> <p>(To be tested through internal assessments in the form of project and presentation)</p> <p>Learning Outcome Define biodiversity</p> <p>List three levels of biodiversity</p> <p>List and explain the importance of biodiversity</p> <p>Write a note on loss of biodiversity</p> <p>Classify threatened species.</p> <p>Suggest measures to conserve biodiversity.</p>	<p>and Positive liberty</p> <p>Learning Outcomes Appreciate the ideal of freedom. Critically evaluate the dimensions of negative and positive liberty. Demonstrate spirit of enquiry</p> <p>Explain the ideas introduced by J.S. Millin Harm Principle. Assess the possible limitations on freedom resulting from the social and economic structures of society.</p> <p>Topic: Equality</p>	<p>Approach</p> <p>List down the memory systems.</p> <p>Describe the levels of processing model of Memory.</p> <p>List down types of Long term memory</p> <p>State the organizational structure of the contents of long term memory.</p> <p>Discuss the concept of reproduction of stored material and causes of forgetting.</p>	<p>contexts, and evaluate how clothing choices impact comfort, culture, and sustainability.</p> <p>Students will develop an awareness of the specific clothing needs of children across different age groups and demonstrate a considerate approach in selecting appropriate clothing based on confort, safety, and practicality.</p> <p>Students will be able to demonstrate the ability to select, handle, and maintain different types of apparel by applying appropriate techniques.</p> <p>Explain the</p>	<p>Each child will be able to:</p> <p>*recall the concept of probability</p> <p>*recall the definition of random experiment, sample space</p> <p>*write the sample space of a Random experiment</p> <p>*list the various kinds of events : mutually exclusive, exhaustive events</p> <p>*prove events to be mutually Exclusive or exhaustive</p> <p>*state and apply the formulae for probability of an event</p> <p>*state the Addition formulae of probability</p> <p>Topic: Binomial Theorem Sub Topics</p> <p>*expansion of the binomial expression $(a+b)^n$ using binomial theorem for positive integral</p>	<p>File System:</p> <p>- Concept of traditional file system</p> <p>- Limitations vs databases</p> <p>Database Management System (DBMS):</p> <p>Components of DBMS</p> <p>- Functions and advantages</p> <p>Relational Data Model:</p> <p>- Tables, rows, columns</p> <p>- Relationships and keys</p> <p>Keys in a Relational Database:</p> <p>- Primary key, foreign key</p> <p>- Why keys are important</p> <p>Learning Outcomes Each student will be able to:</p> <p>- Identify and list data collection</p>	<p>direction of the relationship s.</p> <p>INDEX NUMBERS- Meaning, types, WPI, CPI, IIP, uses of index numbers, Inflation and index numbers, Simple Aggregative method</p> <p>Learning Outcomes: Each student will be able to:</p> <ul style="list-style-type: none"> Understand the meaning of the term index numbers Factor 	<p>Learning Outcome Each child will be able to:</p> <p>Differentiate between temple architecture and Islamic architecture</p> <p>demonstrate the process of turning sketch into a finished painting</p> <p>adequate use painting tools and</p>
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	of the writer		<p>Sub topics:</p> <p>a) Why does equality matter? • Equality of opportunities • Natural and Social Inequalities</p> <p>b) Three dimensions of equality</p> <p>c) Feminism, Socialism</p> <p>d) How can we promote equality?</p> <p>Learning Outcomes</p> <p>Understand the moral and political ideals of equality. Assess how equality is perceived through different ideologies Recognise the means and methods to promote</p>		<p>Explain the application of the concepts learned in enhancing memory.</p>		<p>various aspects of fabric care and maintenance and describe the step-by-step procedures for removing different types of stains</p> <p>Students will appreciate the importance of using appropriate soaps and detergents and demonstrate a responsible attitude towards proper care of different types of fabrics</p> <p>Students will identify and interpret different care labels on fabrics and demonstrate their correct application in washing, drying, and ironing.</p>	<p>indices. * pascal's triangle</p> <p>Learning Outcomes</p> <p>Each child will be able to:</p> <p>*expand the binomial expression $(a+b)^n$ using binomial theorem for positive integral indices. *use pascal's triangle in writing the coefficients in the expansion.</p>	<p>techniques</p> <ul style="list-style-type: none"> - Recognize data storage types and file formats - Apply data processing techniques - Use basic statistics to interpret data - Compare file system with database system - Explain structure and use of DBMS - Create and read a relational model - Identify and apply keys to link tables 	<p>mili aris e with the use of wid ely use d inde x nu mb ers</p> <ul style="list-style-type: none"> • Cal cula te an inde x nu mb ers • App reci ate its limit atio ns 	mediums
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			equality. Evaluate the possible solutions to minimise inequality.								
Dec	<p>1. Prose: <u>Silk Road</u></p> <p>Learning Outcome Each student will be able to</p> <ul style="list-style-type: none"> -enumerate the benefits of writing a travelogue -comment on the importance of the silk road/ route and its history -compare and contrast the weather conditions and topographical features of northern India with the other parts of the country in the form of a report <p>2. Poem: <u>Father to Son</u></p>	<p>BOOK-2</p> <p>L-3 Drainage</p> <ul style="list-style-type: none"> -Introduction- -Drainage system in India -Himalayan rivers and Peninsular rivers. -Patterns of drainage system -River regime -Utilization of river water <p>Learning Outcomes Define watershed, drainage. Classify river basins Distinguish between Himalayan and peninsular</p>	<p>Topic: Social Justice</p> <p>Sub topic: a) What is Justice? Equal Treatment for Equals Proportionate Justice Recognition of Special Needs b) Just distribution c) John Rawls Theory of Justice d) Pursuing Social Justice e) Free Markets versus State Intervention</p>	<p>Paths to Modernisation</p> <ul style="list-style-type: none"> -Introduction -Militarization and economic growth in Japan -China and the Communist alternative -Debate among Historians on the meaning of Modernization. -The Story of Taiwan Korea <p>Learning Outcomes Each student will be able to- -Trace the changes introduced through modernisation at least 8 points. -Analyse the</p>	<p>UNIT-8</p> <p>Thinking</p> <p>Nature of thinking;</p> <p>The processes of Thinking</p> <p>Problem Solving,</p> <p>Reasoning</p> <p>Decision making</p> <p>Nature and Process of creative thinking</p> <p>Developing creative thinking;</p>	<p>Unit X Training and Doping in Sports</p> <p>Concept and Principles of Sports Training</p> <p>Training Load: Over Load, Adaptation, and Recovery</p> <p>Warming-up & Limbering Down – Types, Method & Importance</p> <p>Concept of Skill, Technique, Tactics & Strategies</p> <p>Concept of Doping and its disadvantages</p> <p>Learning Outcomes</p> <p>Each student will be able to:</p> <p>Understand the</p>	<p>SURVIVAL GROWTH AND DEVELOPMENT</p> <p>Growth and development, characteristics of development, areas of development</p> <p>Good nutrition, growth chart, stages of life span</p> <p>Development across stages</p> <p>Socio-emotional development</p> <p>Cognitive development</p> <p>MEDIA AND COMMUNICATION TECHNOLOGY</p>	<p>Topic: Sequence and Series</p> <p>Subtopics: * A.M between two numbers a & b * G.P * nth term of a G.P * Sum to n terms of G.P * Sum of infinite G.P</p> <p>Learning Outcomes</p> <p>Each child will be able to:</p> <p>*recall the definition of sequence & series *define A.M between two numbers a & b *define a G.P *find the nth term of a G.P</p> <p>Topic: Matrices</p>	<p>Chapter 8: Introduction to Structured Query Language (SQL)</p> <p>Introduction: - What is SQL? - Role of SQL in databases - Importance of structured querying</p> <p>Structured Query Language (SQL): - Syntax of SQL - Case-insensitivity of commands</p> <p>Data Types and Constraints in MySQL: Common data types (INT,</p>	<p>FORMS OF MARKET AND PRICE DETERMINATION</p> <p>Perfect Competition- Features, determination of market equilibrium and effects of shifts in demand and supply (Short run only)</p> <p>Simple Applications of demand and supply, Price ceiling and floor price.</p> <p>Learning Outcomes: Each student will be able to:</p> <ul style="list-style-type: none"> • Understand 	<p>Theory: Revision</p> <p>Practical: Composition based on any season with minimum four figures</p> <p>Medium-water/poster colours</p> <p>Learning Outcomes</p> <p>Each child will be able to:</p> <p>Differenti</p>

<p>Learning Outcome</p> <p>Each student will be able to</p> <ul style="list-style-type: none"> -identify the theme of the poem and comment on the same -paraphrase the poetic lines -filter value points from the text to answer the questions asked -prepare a greeting card for his/her father expressing their feelings toward them 	<p>rivers.</p> <p>Write a note on patterns of drainage.</p> <p>Explain river regime</p> <p>Analyse the level of utilization of river water.</p> <p>Book-2</p> <p>L-5 Natural Vegetation</p> <ul style="list-style-type: none"> -Major types of natural vegetation -National forest policy -Forest cover in India -Wildlife: Management Biosphere reserves <p>Learning Outcomes</p> <p>List and explain types of forests in India.</p> <p>Explain National Forest policy</p> <p>Write a short note on forest cover in India.</p>	<p>Learning Outcomes</p> <p>Classify the different dimensions of justice.</p> <p>Appreciate the measures taken by the government of India to secure social justice.</p> <p>Enlist the basic minimum requirements of people for living a healthy and productive life. State John Rawls' theory of veil of ignorance.</p> <p>Topic: Rights</p> <p>Sub topic: a) What are Rights? b) Where do rights</p>	<p>growth of communism in China in at least 8 points.</p> <ul style="list-style-type: none"> -Explain the features of Meiji rule in Japan in at least 8 points. -Trace the growth of Japan as a global power in at least 8 points. -Write about the establishment of a republic in China in at least 8 points 	<p>Thought and Language</p> <p>Development of language and language use</p> <p>Learning Outcomes</p> <ul style="list-style-type: none"> • describe the nature of thinking and reasoning, • explain cognitive processes involved in problem solving and decision-making, • explain the nature and process of creative thinking and ways of enhancing it, 	<p>concept and principles of sports training</p> <p>Summarise training load and its concept</p> <p>Understand the concept of warming up & limbering down in sports training and their types, method & importance</p> <p>Acquire the ability to differentiate between the skill, technique, tactics & strategies in sports training</p> <p>Interpret the concept of doping</p>	<p>Communication, its classification, media</p> <p>Process of communication</p> <p>Communication technology (traditional and modern)</p> <p>Learning Outcomes</p> <p>Describe the concepts of survival, growth, and development, and analyze the differences between growth and development. Students will value the characteristics of different domains of development at each life stage until adolescence and show empathy towards</p>	<p>Sub Topics:</p> <ol style="list-style-type: none"> 1. Matrix-Introduction 2. Types of matrices 3. Operations on matrices 4. Transpose of a matrix 5. Symmetric and Skew symmetric matrices. <p>Learning Outcomes</p> <p>Each child will be able to:</p> <ul style="list-style-type: none"> *identify a ^{ij} element of a matrix *apply the basic operations of +, - *define various types of matrices *solve the problem of equality of matrices. *define transpose of a matrix *define symmetric and skew symmetric matrices. *find the transpose of a matrix 	<p>VARCHAR, DATE, etc.)</p> <ul style="list-style-type: none"> - Constraints: PRIMARY KEY, UNIQUE, NOT NULL <p>SQL for Data Definition: CREATE TABLE</p> <ul style="list-style-type: none"> - ALTER TABLE - DROP TABLE <p>SQL for Data Manipulation : - INSERT, UPDATE, DELETE</p> <p>SQL for Data Query: SELECT, WHERE, ORDER BY, BETWEEN, IN, LIKE</p> <p>Data Updation and Deletion: UPDATE SET, DELETE WHERE</p> <ul style="list-style-type: none"> - Precautions during deletion <p>Learning</p>	<p>the concept of different types of market structures</p> <ul style="list-style-type: none"> • Illustrate the behaviour of revenue in perfect competition using schedule and diagrams • Present the dynamic 	<p>ate between sculpture and architecture</p> <p>demonstrate the process of turning sketch into a finished painting</p> <p>appropriate use of tools and equipment</p>
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		<p>List problems faced by wildlife Suggest measure to conserve wildlife Locate various biosphere reserves in India</p> <p>L-4 Climate</p> <p>-Spatial and temporal distribution of temperature, pressure winds and rainfall, - Indian monsoon: mechanism, onset and withdrawal, variability of rainfalls: spatial and temporal; use of weather charts</p> <p>Learning Outcomes</p> <p>Justify the variation in temperature and precipitation.</p> <p>Write a note on arrival and retreat of monsoon.</p>	<p>come from?</p> <p>c) Legal rights and the state d) Kinds of rights</p> <p>e) Rights and responsibilities</p> <p>Learning Outcomes</p> <p>Define rights Identify the need for rights and its importance to mankind. why rights need to be sanctioned by law. Describe the features of different kinds of rights.</p> <p>Topic: Citizenship</p> <p>Sub topic: a) Introduction b) Full and equal</p>	<p>• explain the relationship between language and thought,</p> <p>• describe the process of language development and its use</p>		<p>individual developmental differences.</p> <p>Students will observe and document developmental milestones in children and demonstrate activities that support cognitive development at different stages.</p> <p>Students will be able to define the concept of communication and analyze its significance in everyday life by identifying its role in personal, social, and professional interactions.</p> <p>Students will appreciate the various types of communication and demonstrate respect for the</p>	<p>*differentiate between symmetric. and skew symmetric matrices. *define inverse of a matrix.</p>	<p>Outcomes</p> <p>Each student will be able to: Write and correct basic SQL syntax - Choose correct datatypes and apply constraints - Use DDL commands to build structure - Modify data in SQL tables - Fetch and filter records using queries - Safely modify and remove data</p>	<p>cs of changes in the equilibrium price and quantity, diagrammatically</p> <p>• Apply the concept of MSP and rationing</p>	
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		<p>Branches of Monsoon winds Explain the concept of El Nino, ITCZ</p>	<p>membershi p c) Equal Rights d) Citizen and Nation e) Universal Citizenship f) Global Citizenship</p> <p>Learning Outcomes Explain the meaning of citizenship. Contribute to meaningful discussion on ways of granting citizenship. Discuss the probable solutions or alternatives to solve citizenship issue Analyse the problems to be surmounted to strengthen links between the people</p>				<p>communication process by actively engaging in meaningful interactions and effective expression.</p> <p>Students will be able to demonstrate the use of various communication technologies by operating, comparing, and evaluating their effectiveness in different contexts.</p>				
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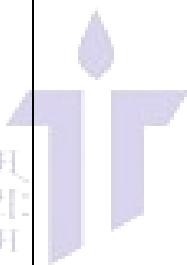
			and government s								
Jan	<p>1. Prose: The Tale of Melon City</p> <p>Learning Outcome Each student will be able to</p> <ul style="list-style-type: none"> -identify the satirical features of the poem -identify poetic devices -comment on the theme -paraphrase the lines of the poem -read the poem with proper tone and rhythm -enlist at least 3-4 characteristics of the king -filter value points from the text to answer the questions asked -add at least 3-4 new words in his/her 	<p>L- Water Resources</p> <p>Class XII</p> <ul style="list-style-type: none"> -Different types of water resources of India: surface, groundwater, lagoons and backwaters -Demand and utilization of water. -Deterioration of water quality. Water conservation and management: watershed management and rainwater harvesting. National water policy, 2002 <p>Learning Outcomes</p> <p>Explain different types of water resources of India.</p>	<p>Topic: Nationalism</p> <p>Sub topic: a) Introducing Nationalism b) Nations and Nationalism Shared Beliefs and History Shared National Identity c) National self-determination d) Nationalism and Pluralism</p> <p>Learning Outcomes</p> <p>Understand the concepts of nation and nationalism Assess the strengths and</p>	<p>BOOK I – Themes In Indian History Part I (Class XII)</p> <p>Bricks, Beads and Bones: The Harappan Civilization</p> <ul style="list-style-type: none"> -Excavation of Harappa -Study of artefacts -Town planning -Society -Economic activities <p>Learning Outcomes</p> <p>Each student will be able to-</p> <ul style="list-style-type: none"> -Trace the growth of early urban centres in at least 8 points. -Highlight the extent of the civilization in at least 3 points. -List the causes for the decline of the 	<p>UNIT 1(Class XII Syllabus)</p> <p>VARIATIONS IN PSYCHOLOGICAL ATTRIBUTES</p> <p>Individual Differences in Human Functioning</p> <p>Assessment of Psychological Attributes</p> <p>Intelligence, Individual Differences in Intelligence</p> <p>Culture & Intelligence</p> <p>Emotional Intelligence</p> <p>Special abilities</p> <p>Learning</p>	<p>Revision for End Term Examination</p>	<p>CLASS XII Syllabus</p> <p>WORK, LIVELIHOOD AND CAREER</p> <p>Work and meaningful work, job and career Traditional occupations in India</p> <p>Issues and concerns related to women and work</p> <p>Attitudes and approaches to work and life skills for livelihood</p> <p>Ergonomics and entrepreneurship</p> <p>Learning Outcomes</p>	<p>Topic: Determinants</p> <p>Sub Topics: 1. Determinant- Introduction 2. Area of triangle 3. Adjoint and inverse of a matrix 4. Applications of Determinants and matrices</p> <p>Learning Outcomes</p> <p>Each child will be able to:</p> <ul style="list-style-type: none"> *define inverse of a matrix. *Perceive the concept of Determinants, minors, cofactors, adjoint and inverse. * find the area of triangle * solve the system of equations using matrices 	<p>Chapter 2: Emerging Trends</p> <ul style="list-style-type: none"> - Meaning and need for tech awareness - How trends shape the future Artificial Intelligence (AI): - Definition and real-life applications - Types of AI: Weak, Strong Big Data: Characteristics: Volume, Variety, Velocity - Use cases in healthcare, retail Internet of Things (IoT): IoT Devices and communication - Smart homes, cities Cloud 	<p>INDIA ON THE EVE OF INDEPENDENCE</p> <p>A brief introduction of Indian economy on the eve of independence with respect to, agriculture, industries, foreign trade, occupational structure, demography.</p> <p>Learning Outcomes:</p> <ul style="list-style-type: none"> Each student will be able to: <ul style="list-style-type: none"> • Explain the features of Indian agriculture on the eve 	<p>Theory:</p> <p>The manuscript painting tradition in India (topic from class 12th)</p> <p>Practical: Still life composition 4 with three objects and two draperies</p> <p>Learning Outcome s:</p> <p>Each child will be able to:</p> <p>Learn to</p>

	vocabulary	<p>Elaborate on demand and utilization of water.</p> <p>Explain the reasons behind deterioration of water quality.</p> <p>Suggest measures for water conservation and management.</p> <p>List the key features of national water policy, 2002</p> <p>L- Geographical Perspective on Selected issues and problems</p> <p>Class XII</p> <p>-Environment degradation. - Pollution: types and effects. Urbanisation, problems of slums. Prevention and controlling measures of various</p>	<p>limitations of nationalism. Identify and build an understanding on the factors related to creation of collective identities. Examine the concept of national self determination. Acknowledge the need to make nations more democratic and inclusive</p> <p>Topic: Secularism</p> <p>Sub topic: a) What is Secularism ? b) Inter-religious Domination c) Intra-religious</p>	<p>Civilization</p> <p>-List the different material for craft production</p> <p>-Write a note on Town Planning of the Harappan culture in at least 8 points.</p> <p>-Analyze the growth of trade in at least 8 points.</p> <p>-Explain why the Harappan script is enigmatic</p> <p>-Give an account of the historians who discovered the Civilization</p>	<p>Outcomes</p> <p>Explain psychological attributes on which people differ from each other</p> <p>State the different methods that are used to assess psychological attributes</p> <p>Different between the theories of intelligence proposed by various psychologists</p> <p>Discuss variations of intelligence, learn how psychologists assess intelligence to identify mentally challenged</p>		<p>Students will analyze and explain the meaning of work and meaningful work, and critically differentiate between a job and a career based on key characteristics such as purpose, growth opportunities, and long-term impact.</p> <p>Students will value and respect the significance of traditional occupations in India by actively engaging in discussions about their role in society and economy, and demonstrate a commitment to advocating for constitutional rights, legal protections, and state initiatives</p>		<p>Computing:</p> <ul style="list-style-type: none"> - Storing & accessing data online - Advantages and examples <p>Grid Computing:</p> <ul style="list-style-type: none"> - Resource sharing across systems - Difference from cloud <p>Blockchain s: - Chain of blocks storing secure records</p> <ul style="list-style-type: none"> - Use in cryptocurrency & beyond <p>Learning Outcomes</p> <p>Use AI in daily life</p> <p>Understand how big data works</p> <p>Explain how cloud saves space</p> <p>Identify when grid computing is used</p>	<ul style="list-style-type: none"> • Define 'systematic de-industrialisation' • Explain the trends of occupational structure, demographic profile, foreign trade on the eve of inde 	<p>recap the notes</p> <p>Learn to assess own notes</p> <p>Apply colours in a drawn composition</p>
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		<p>pollution</p> <p>Learning Outcomes</p> <p>Explain the meaning of environmental degradation, its causes.</p> <p>List types of pollution with its causes and effects. Explain the factors responsible for problems of slums.</p> <p>Suggest measure for reduction and prevention of pollution</p>	<p>Domination</p> <p>d) Secular State The western model of secularism The Indian model of secularism</p> <p>e) Criticisms of Indian secularism Western Import and Minoritism Interventionist Vote Bank Politics</p> <p>Learning Outcomes</p> <p>Define Secularism. Differentiate between Inter-religious and Intra-Religious Domination. Recognise the concept of a Secular State. Compare</p>		<p>and gifted individuals</p> <p>Difference between intelligence and aptitude</p> <p>REVISION</p>		<p>that support and preserve these livelihoods.</p> <p>Students will research and compile information on various programs for women, and effectively present the importance of life skills through a structured presentations and group discussions</p>			<p>pendence.</p>	
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			Western and Indian Model of Secularism. Make an appraisal of Indian Secularism.								
Feb	<p>1. Revision of all the Short and Long Writing skills and Literature section</p> <p>Learning Outcome</p> <p>Each student will be able to</p> <p>-recapitulate the themes of the lessons</p> <p>-recall the format and rules related to the writing skills and grammatical concepts</p> <p>-draft ads and posters</p> <p>-draft sample speech and debate</p> <p>-answer the</p>	Revision for End Term Examination	Learning Outcomes	Revision for End Term Examination	Revision	Revision for End Term Examination	REVISION	REVISION	Revision for End Term Examination	REVISION	<p>Revision</p> <p>Practical: Completion of portfolio work, Design the cover page of portfolio and framing of paintings for End term practical</p>

	<p>HOTS questions from the prescribed lessons</p> <p><u>2. Assessment of Listening and Speaking Skills</u></p> <p>Learning Outcome</p> <p>Each student will be able to</p> <ul style="list-style-type: none"> - listen carefully to the podcast -speak up confidently - use the language and vocabulary 										
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EAST OF KAILASH, NEW DELHI