

A photograph of school supplies including pencils, a paperclip, and a vase of purple flowers, with a white card in the foreground. The card is held by a blue paperclip and features the text 'SYLLABUS' in large, bold, blue letters, followed by 'Year 2026-27 • Class IX' in smaller, black, serif font. The background is a warm, brownish-gold color.

SYLLABUS

Year 2026-27 • Class IX

ENGLISH

Month	Content (Topics)	Learning Outcomes Students will be able to :
APRIL	Ch 1: How I Taught My Grandmother to Read	Analyze the theme of lifelong learning and dignity of Labor through the narrator's experience of teaching her grandmother to read.
	Ch 2: The Pot Maker	Analyze how traditional skills and craftsmanship contribute to cultural heritage and personal identity . Appreciate the values of perseverance creativity and contentment .
	Poem 1: Bharat Our Land	Express appreciation for national heritage and develop a sense of responsibility towards preserving the land and its values.
	Determiners	Identify different types of determiners- articles, demonstrative, possessives, quantifiers and numerals in given sentences
	Tenses	Identify and classify tendencies into present , past and future forms with their subtypes in given contexts.
	Letter to Editor	Organize ideas logically with clear introduction, body and conclusion to convey the message effectively and persuasively.
MAY	Poem 2: Gifts of Grace	Identify the poet's message about valuing simple blessings like love, health and kindness over material wealth. Analyze poetic devices such as imagery and repetition

MATHEMATICS

Month	Chapter	Learning Outcomes
APRIL	<p>NUMBER SYSTEM</p> <p>Irrational numbers</p> <p>Real numbers and their decimal expansion</p> <p>Operation on real numbers</p>	<p>Students will attain the following behavioural objectives :</p> <ul style="list-style-type: none"> * They will appreciate the ‘density property’ of real numbers. * They can apply this thinking process in the real life situation that any particular solution may not be the final/only solution but there is a scope of improvement. * They can imagine any real number with accuracy
	<p>COORDINATE GEOMETRY</p> <p>Cartesian system</p> <p>Plotting a point in a plane if its coordinates are given</p>	<ul style="list-style-type: none"> * Appraise the use of Cartesian system in real life scenarios like designing 2 – d blue prints of home, offices etc. * Will develop the skills like precision and accuracy
	<p>INTRODUCTION TO EUCLID'S GEOMETRY</p> <p>Euclid 's definitions, axioms, postulates</p>	<p>Students will be able to define a term and design an algorithm to solve/ prove a problem from real life.</p>
MAY	<p>LINES AND ANGLES</p> <p>Basic terms and definitions</p> <p>intersecting lines and non intersecting lines</p> <p>Pairs of angles, parallel lines and a transversal</p> <p>Lines parallel to the same line</p>	<ul style="list-style-type: none"> * Students apply the concept of lines and angle in various sports like basketball, javelin throw etc. * Students also use the concept in various designs for their activities * Engineers and architects apply the properties of lines and angles while making designs or blueprints for buildings’

SCIENCE

Month	Chapter	Learning Outcomes
APRIL	Ch-1 Cell The Fundamental Unit of Life	<ul style="list-style-type: none">• Differentiate between plant and animal cell,• prokaryote and eukaryote• Describe the structural and functional features of cells• Explain the role of cells in the structure and functions of organisms• Explain activities inside the cell and its interactions with the environment• Demonstrate osmosis in cells• Prepare slides to observe cell structure• Differentiate between diffusion and osmosis• Explain the role of cell division mitosis and meiosis in creating similarities and variations
	Exploring Mixtures and their Separation	<ul style="list-style-type: none">• Differentiate between homogeneous and heterogeneous mixtures on the basis of their properties• Demonstrate separation techniques, such as crystallisation, distillation, paper chromatography, sublimation, centrifugation and coagulation• Classify mixtures as solutions, suspensions, or colloids based on their properties• Explain the scientific principles behind different separation techniques• Apply the knowledge of homogeneous and heterogeneous mixtures in daily life• Define and calculate the concentration of solutions using mass by mass percentage, mass by volume percentage, volume by volume percentage• Analyse graphs of solubility and explain how the solubility of substances changes with temperature• Use scientific conventions and standard units to express concentrations• Handle common laboratory chemicals and apparatus safely• Relate separation techniques with practices observed in the local environment
MAY	Motion	<ul style="list-style-type: none">• Differentiate between distance travelled and displacement, and speed and velocity for objects moving in a straight line• Define displacement, velocity, acceleration, and uniform circular motion• Express displacement, velocity, acceleration in appropriate SI units• Plot and interpret position-time graphs and velocity-time graphs to describe the motion of an object moving in a straight line in one direction (with constant velocity and constant acceleration)• Calculate average velocity from position-time graph, displacement and average acceleration from velocity-time graph

SOCIAL SCIENCE

MONTH	CHAPTERS	LEARNING OUTCOMES
APRIL	CH-1 Understanding Social Science CH-2 Shaping of Earth Surface Ch-4 Early Human and Beginning of Civilization Ch-6 Democracy	<ul style="list-style-type: none">• Explain the relevance of studying Social science to understand society ,environment, economy and governance in our lives• Describe the concept of plate tectonics and analyse its relevance in understanding Earth's dynamics explain process of weathering and erosion , major landforms, causes of natural disasters and strategies for their mitigation• Explain how humans live before the invention of writing ,understanding settled life, factors of urban development, diversity of craft and trade, food habits, civilization of Egypt and Mesopotamia• Understand features of democracy, democratic traditions in India, differentiate between parliamentary and presidential systems
MAY	Ch-3 Atmosphere and Climate Ch-5 State and Society (upto 1000 CE) Ch-8 Building blocks of Economics PT-1	<ul style="list-style-type: none">• Explain different atmospheric layers, observe local vent and their impact, impact of Indian monsoon, causes and effects of climate change, represent climatic data through appropriate graphs, charts.• Explain various facets of Vedic society and polity, achievements of Indian empires and their cultural legacy, understand traditions and practices of India, foundation of Indian social and political institutions and their continuity• Explain the meaning of scarcity, choice and opportunity cost in everyday life and economic decision making, how economist study production distribution and consumption, three Central problems of an economy, characteristics of plant free market and mixed economics systems, concept of welfare economy and importance of social safety nets

PUNJABI

ਮਹੀਨਾ	ਵਿਸ਼ਾ - ਵਸਤੂ	ਜੀਵਨ ਕੌਸ਼ਲ
ਅਪ੍ਰੈਲ	ਕਹਾਣੀ - ਜਨਮ ਦਿਨ	ਆਤਮ ਜਾਗਰੂਕਤਾ
	ਕਵਿਤਾ- ਸਮਾਂ	ਆਤਮ ਜਾਗਰੂਕਤਾ
	ਵਿਆਕਰਨ: ਓ ਅੱਖਰ ਵਾਲੇ ਮੁਹਾਵਰੇ , ਲਿੰਗ ਬਦਲੇ, ਵਿਰੋਧੀ ਸ਼ਬਦ ਅਤੇ ਸ਼ਬਦ ਸੁੱਧੀ	ਆਤਮ ਜਾਗਰੂਕਤਾ
	ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ, ਅਣਡਿੱਠਾ ਪੈਰਾ ਅਤੇ ਬਿਨੈ ਪੱਤਰ	ਰਚਨਾਤਮਕ ਸੋਚ
ਮਈ	ਕਵਿਤਾ - ਮੈਂ ਪੰਜਾਬੀ	ਆਤਮ ਜਾਗਰੂਕਤਾ
	ਕਵਿਤਾ - ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ ਪੰਜਾਬੀ	ਰਚਨਾਤਮਕ ਸੋਚ
	ਵਾਰਤਕ - ਵਹਿਮੀ ਤਾਇਆ	ਤਣਾਓ ਗ੍ਰਸਤ
	ਵਿਆਕਰਨ - ਵਿਸਮਿਕ ਅਤੇ ਚਿੱਤਰ ਵਰਨਣ	ਆਤਮ ਜਾਗਰੂਕਤਾ

HINDI

मास	पाठ	अधगिम परणाम
अप्रैल	दो बैलों की कथा	छात्रों में मानव तथा पशुओं के प्रति भावनात्मक संबंधों का विकास होना तथा उन्हें मुहावरेदार भाषा शैली का ज्ञान प्राप्त होगा। साथ ही वे सहनशीलता, दया, साहस और स्वाभिमान जैसे नैतिक गुणों से भी परिचित होंगे।
	क्या लिखूँ	छात्र जीवन की वास्तविकताओं तथा कल्पनाओं के मध्य अंतर करने में सक्षम हो पाएँगे तथा वे अपने विचारों को तर्कसंगत विधि से प्रस्तुत करने की कला सीख जाएँगे।
	व्याकरण:- अनुच्छेद, पठित गद्यांश, मुहावरे, उपसर्ग, प्रत्यय	उन्नत लेखन तथा भावाभिव्यक्ति सशक्तता
मई	पद (रैदास)	छात्रों में भक्ति भाव का उदय होगा तथा वे प्रभु और भक्त के मध्य के अटूट तथा अनन्य संबंध को समझ पाएँगे। पदों में प्रयुक्त अलंकारों के प्रयोग से काव्य-सौंदर्य का ज्ञान होगा।
	व्याकरण:- पठित पद्यांश, चित्र वर्णन, विराम चिन्ह, समानार्थी शब्द	उन्नत लेखन तथा भावाभिव्यक्ति सशक्तता

INTRODUCTION TO FINANCIAL MARKET

MONTH	CHAPTERS	LEARNING OUTCOMES
APRIL	Unit 1: Money – What it is?	<p>Students will be able to define money and explain its importance in daily life.</p> <p>Students will identify different forms of money (coins, notes, digital).</p>
	Unit 2: Money – Exchange Systems	<p>Students will compare barter system and money-based system.</p> <p>Students will explain limitations of barter and advantages of money.</p>
	Unit 3: Key Characteristics of Money	<p>Students will describe essential features of money (durability, portability, acceptability, etc.).</p> <p>Students will analyze why money is widely accepted as a medium of exchange.</p> <p>Employability Skills – Unit 1: Communication Skills</p> <p>Students will demonstrate basic verbal and non-verbal communication skills.</p> <p>Students will practice active listening and effective speaking in classroom situations.</p>
MAY	Unit 4: What is Financial Planning?	<p>Students will understand the concept and importance of financial planning.</p> <p>Students will identify steps involved in planning finances.</p>
	Unit 5: What is Income?	<p>Students will define income and identify its different sources.</p> <p>Students will differentiate between fixed and variable income.</p> <p>Employability Skills – Unit 2: Self-Management Skills</p> <p>Students will develop self-awareness and personal goal-setting skills.</p> <p>Students will demonstrate time management and discipline in tasks.</p>

ARTIFICIAL INTELLIGENCE

MONTH	CHAPTERS	LEARNING OUTCOMES
APRIL	AI Reflection	<p>Know about the AI impacts in daily life</p> <p>Know about computer vision , statistics and natural language processing.</p> <p>Introduction to AI Project Cycle • Problem Scoping • Data Acquisition • Data Exploration • Modeling • Evaluation • Deployment</p>
	AI PROJECT CYCLE	<p>Activity: Brainstorm around the theme provided and set a goal for the AI project. • Discuss various topics within the given theme and select one. • Fill in the 4Ws problem canvas and a problem statement to learn more about the</p> <p>Brainstorm on the ethical issues involved around the problem selected.</p>
MAY		<p>Data Acquisition Activity: Introduction to data and its types. • Students work around the scenarios given to them and think of ways to acquire data. Activity: Data Features • Identifying the possible data features affecting the problem. Activity: System Maps • Creating system maps considering data features identified.</p> <p>Data Exploration/ Data Visualisation • Need of visualising data • Ways to visualise data using various types of graphical tools.</p> <p>Modeling • Introduction to modeling and types of models (Rule based & Learning-based)</p> <p>Evaluation Learners will understand about new terms • True Positive • False Positive • True Negative • False Negative</p> <p>Activity: Implementation of AI project cycle to develop an AI Model for Personalized Education.</p> <p>AI Bias and AI Access • Discussing about the possible bias in data collection • Discussing about the implications of AI technology</p>

INFORMATION TECHNOLOGY

MONTH	TOPICS TO COVER	LEARNING OUTCOMES
APRIL	EMPLOYABILITY SKILLS- UNIT 1 Communication skills DOMESTIC DATA ENTRY OPERATOR - UNIT 1 Introduction to IT- ITES industry	Identify different types of communication. Use correct verbal and non-verbal communication in daily situations. Define IT and IT-enabled services. List different sectors of the IT-ITES industry.
MAY	EMPLOYABILITY SKILLS- UNIT 2 Self Management skills DOMESTIC DATA ENTRY OPERATOR - UNIT 2 - Data Entry and Keyboarding Skills	Demonstrate self-confidence and positive attitude. Set simple goals and manage time effectively. Use correct keyboarding techniques. Type with improved speed and accuracy.
JUNE	SUMMER VACATION	