DETAILED SYLLABUS (2025-26)

CLASS: IX

ENGLISH

MONTH	TOPIC
APRIL	**Literature** : How I taught my grandmother to read , The Brook **Grammar** : Simple and Continuous Tenses, Perfect and Perfect Continuous Tenses **Writing** : Notice Writing **Art Integrated Activity**: Poster **M.C.B** : Unit – 1
MAY	**Literature** : The Road not taken **Grammar** : Modals **Writing** : Dialogue **Art Integrated Activity** : Pictorial description of The Road not taken
JULY	**Literature** : A Dog named Duke, The Man who knew too much **Grammar** : Reported speech **Writing** : Informal Letter **Art Integrated Activity** : Compose a nature poem **M.C.B** : Unit – 2
AUGUST	**Literature** : Villa for Sale, Solitary Reaper **Writing** : Paragraph **Art Integrated Activity** : Role play **M.C.B** : Unit – 3
SEPTEMBER	Grammar : Gap filling, Editing, Omitting Revision **Subject Enrichment Activity**: ASL
OCTOBER	**Literature** : Keeping it from Harold, Seven Ages **Grammar** : Sub-verb concord **Writing** : Factual description **Art Integrated Activity** : Pictorial description of The Seven Ages **M.C.B** : Unit - 4
NOVEMBER	**Literature** : Best Seller, Oh I wished I looked after me teeth **Grammar** : Determiners **Writing** : Factual description, formal letter **Art Integrated Activity** : Illustrate the teeth poem **M.C.B** : Unit - 5
DECEMBER	**Literature** : Bishop's candlesticks **Grammar** : Sentence reordering **Writing** : Article **Art Integrated Activity** : Role Play **M.C.B** : Unit - 6

JANUARY	**Literature** : Song of the rain **M.C.B** : Unit - 7
FEBRUARY	Revision **Subject Enrichment Activity**: ASL

PORTION FOR:

PERIODIC ASSESSMENT 1	**Literature Reader :**	How I taught my grandmother to read, The Brook
	Grammar :	Simple and Continuous Tenses Perfect and Perfect Continuous Tenses
	Writing :	Notice Writing

PERIODIC ASSESSMENT 2	**Literature Reader :**	Keeping it from Harold, The Seven Ages
	Grammar :	Sub-Verb concord
	Writing :	Factual description

MATHS

MONTH	TOPIC
APRIL	**NUMBER SYSTEM** 1. Review of representation of natural numbers, integers, and rational numbers on the number line. Rational numbers as recurring/ terminating decimals. Operations on real numbers. 2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as , and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. 3. Definition of nth root of a real number. 4. Rationalization (with precise meaning) of real numbers of the type monomial and binomial
MAY	**NUMBER SYSTEM :** Recall the laws of exponents with integral values rational exponents with positive real bases. **POLYNOMIALS** Recall of algebraic expressions and identities.

JULY	**POLYNOMIALS(CONTD…..)** Zeros of a polynomial, factorization of polynomial **COORDINATE GEOMETRY** The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane. **LINEAR EQUATIONS IN TWO VARIABLES** Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type $ax + by + c=0$. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real Numbers. Graph of linear equation in two variables, problems from real life including ratio and proportion.
AUGUST	**INTRODUCTION TO EUCLID'S GEOMETRY** **LINES AND ANGLES** The sum of the angles of a triangle is 180^0 (proof), Without proof if a side of a triangle is produced the exterior angle so formed is equal to sum of two interior opposite angles and triangle inequalities **HERONS FORMULA** Applications of Heron's formula in finding the area of quadrilateral
SEPTEMBER	**REVISION**
OCTOBER	**TRIANGLES:** Congruence of triangles, criteria for congruency and some properties of triangles **SURFACE AREA AND VOLUMES:** Surface areas and volumes of cube, cuboid, right circular cylinder, right circular cone and sphere volume of right circular cone and sphere.
NOVEMBER	**QUADRILATERALS** Properties of a parallelogram and the midpoint theorem. Proof between parallelogram and triangle on the same base and between the same parallel having equal area, Without proof triangles on the same base and between the same parallel are equal in area.
DECEMBER	**CIRCLES** 1. Equal parts of a circle subtend equal angle at the centre . 2.(Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord. 3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely. 4.(Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle. 5.(Motivate) Angles in the same segment of a circle are equal.

	6.(Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle. 7.(Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral 180°. There is one and only circles passing through three non collinear points.
JANUARY	**STATISTICS:** Graphical representation of data bar graph histogram and frequency polygon. Mean Median ,Mode of ungrouped data. Construction of bisector of line segment and angles of 60°,90° ,45° and equilateral triangle. Construction of a triangle given its base and base angle sum/ difference of other two sides given. **Probability, Empirical Probability.**
FEBRUARY	**REVISION**

PORTION FOR:

PERIODIC ASSESSMENT 1   **NUMBER SYSTEM**
                              POLYNOMIALS

PERIODIC ASSESSMENT 2   **SURFACE AREAS AND VOLUMES**
                              TRIANGLES

PHYSICS

MONTH	TOPIC
APRIL **&** **MAY**	**Chapter 7 -- MOTION** • Distance and Displacement • Uniform And Non-Uniform Motion • Speed With Direction, • Rate Of Change Of Velocity • Graphical Representation Of Motion • Uniform Circular Motion
JULY	**Chapter 8 -- FORCE AND LAWS OF MOTION** • First Law Of Motion • Inertia And Mass • Second Law Of Motion • Third Law Of Motion
AUGUST	**Chapter 9 -- GRAVITATION** • Universal Law Of Gravitation • Free Fall • Mass and Weight
SEPTEMBER	Revision
OCTOBER	**Chapter 9 -- GRAVITATION** • Thrust • Pressure • Pressure In Liquids

NOVEMBER	**Chapter 10 -- WORK AND ENERGY** • Scientific Conception Of Work • Energy
DECEMBER	**Chapter 10 -- WORK AND ENERGY** • Rate Of Doing Work
JANUARY	**Chapter 11 -- SOUND** • Production of sound • Propagation Of Sound • Reflection Of Sound • Range of Hearing • Applications of Ultrasound
FEBRUARY	Revision

PORTION FOR -----

PERIODIC ASSESSMENT 1   **Ch-7 MOTION**

PERIODIC ASSESSMENT 2   **Ch-9 GRAVITATION**
Thurst, Pressure, Pressure in Liquids
Ch – 10 WORK AND ENERGY
Scientific Conception of Work

CHEMISTRY

APRIL	**Matter in our surroundings** Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; evaporation (cooling by evaporation), condensation, sublimation
MAY	**Matter in our surroundings** Change of state-melting (absorption of heat), freezing
JULY	**Matter in our surroundings** evaporation (cooling by evaporation), condensation, sublimation **Is matter around us pure?** Elements, compounds and mixtures.
AUGUST	**Is matter around us pure?** Heterogeneous and homogenous mixtures, Colloids and suspensions.
SEPTEMBER	**Is matter around us pure?** Physical and chemical changes (excluding separating the components of a mixture).
OCTOBER	**Atoms and molecules** Atoms and molecules, Law of Chemical Combination.
NOVEMBER	**Atoms and molecules** Chemical formula of common compounds, Atomic and molecular masses

DECEMBER	**Structure of the Atom** - Electrons, protons and neutrons, Valency.
JANUARY	**Structure of the Atom** - Atomic Number and Mass Number, Isotopes and Isobars. **Revision**

PORTION FOR:

PERIODIC ASSESSMENT 1   MATTER IN OUR SURROUNDINGS
PERIODIC ASSESSMENT 2   ATOMS AND MOLECULES

BIOLOGY

APRIL	**CHAPTER 5 --- THE FUNDAMENTAL UNIT OF LIFE** Cell - Basic Unit of life : Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall
MAY	**CHAPTER 5 --- THE FUNDAMENTAL UNIT OF LIFE** (contd….) Cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus.
JULY	**CHAPTER 5 --- THE FUNDAMENTAL UNIT OF LIFE (contd…)** Chromosomes - basic structure, number **CHAPTER 12 --- IMPROVEMENT IN FOOD RESOURCES** Plant and animal breeding and selection for quality improvement and management
AUGUST	**CHAPTER 12 --- IMPROVEMENT IN FOOD RESOURCES (contd….)** Use of fertilizers and manures; Protection from pests and diseases; Organic farming.
SEPTEMBER	**REVISION**
OCTOBER	**CHAPTER 6 --- TISSUES** Meristematic tissues in plants
NOVEMBER	**CHAPTER 6 --- TISSUES (contd…)** Permanent tissues in plants
DECEMBER	**CHAPTER 6 --- TISSUES (contd….)** Four types of tissues in animals : epithelial tissue, connective tissue, nervous tissue and muscle tissue
JANUARY / FEBRUARY	**REVISION** **ANNUAL EXAM**

PORTION FOR:

PERIODIC ASSESSMENT 1   CELL – THE FUNDAMENTAL UNIT OF LIFE

PERIODIC ASSESSMENT 2   TISSUES - PLANT TISSUE

ARTIFICIAL INTELLIGENCE (AI)

APRIL	**PART A : EMPLOYABILITY SKILLS**
	    Unit 1 : Communication Skills – I
	    Methods of Communication, Communication Cycle
	
	 PART B : SUBJECT SPECIFIC SKILLS
	    Unit 5 : Introduction to Python
	    Algorithms, Flowcharts, Introduction to Programming, Introduction to Python, Features of Python, Why Python for AI, Applications of Python

MAY	**PART A : EMPLOYABILITY SKILLS**
	    Unit 1 : Communication Skills – I (Contd….)
	    Perspectives of Communication, Basic Writing Skills
	
	 PART B : SUBJECT SPECIFIC SKILLS
	    Unit 5 : Introduction to Python (Contd…..)
	    Getting started with Python, Working in Python, Python Character set, Python statements, Python comments, Identifiers and Keywords, Variables, Constants, Data types, Operators, Input and output in python

JULY	**PART A : EMPLOYABILITY SKILLS**
	    Unit 2 : Self Management Skills – I
	    Importance of Self Management, Building Self confidence
	
	 PART B : SUBJECT SPECIFIC SKILLS
	    Unit 1 : Introduction to AI
	    Introduction to AI, Brief history of AI, AI around us, Domains of AI, Domains are interrelated, AI Project cycle – defined, Problem scoping and Setting Goals, Data Acquisition, Data Exploration, Modelling, AI Project Evaluation, Evaluation Techniques, AI Project deployment, Ethics and Morals, Need of ethics, Ethical issues with AI, AI Bias, AI Access or Inclusion, Advantages and Disadvantages of AI

AUGUST	**PART B : SUBJECT SPECIFIC SKILLS**
	    Unit 3 : Math for AI
	    Importance of Maths for AI, How are Maths and AI related, Essential Mathematics for AI, Statistics, Applications of Statistics, Use of Statistics in real life, Probability, Introduction, Applications of Probability

SEPTEMBER	**Revision**

OCTOBER	**PART A : EMPLOYABILITY SKILLS**
	    Unit 3 : ICT Skills – I
	    Introduction to ICT, Components of a computer system, Peripheral Devices, Basic computer skills
	
	 PART B : SUBJECT SPECIFIC SKILLS
	    Unit 2 : Data Literacy
	    Introduction, Impact of Data Literacy, How to become data literate, Data Privacy, Data security, How are they related to AI, Best practices for Cyber Safety, Types of data, Acquiring data, sources of acquiring data, Data preprocessing, features of data, Data processing and interpretation, Methods used for Data Interpretation Importance of data interpretation, Types of data interpretation, Project Interactive Data dashboard and presentation, Data Visualization using Tableau

NOVEMBER	**PART B : SUBJECT SPECIFIC SKILLS** **Unit 4 : Generative AI** Concepts behind generative AI, Generative Vs Conventional AI, Examples of generative AI, Benefits of using generative AI, Limitations of using generative AI, Generative AI tools, Ethical considerations using generative AI

DECEMBER	**PART A : EMPLOYABILITY SKILLS**
	    Unit 4 : Entrepreneurial Skills – I
	Types of Business activities, Characteristics of Entrepreneurship
	
	    Unit 5 : Green Skills – I
	Environment Protection and Conservation, Importance of green economy

JANUARY	**Revision**
FEBRUARY	**Revision**

PORTION FOR:

PERIODIC ASSESSMENT 1   **PART A :** Unit 1 – Communication Skills
                                      PART B : Unit 5 – Introduction to Python

PERIODIC ASSESSMENT 2   **PART A :** Unit 3 – Information and Communication Technology Skills
                                        PART B : Unit 2 – Data Literacy

HISTORY & POLITICAL SCIENCE

MONTH	LESSON
APRIL	**HISTORY** **THE FRENCH REVOLUTION** • French Society During the Late Eighteenth Century • The Outbreak of the Revolution • France Abolishes Monarchy and Becomes a Republic •Did Women have a Revolution? • The Abolition of Slavery • The Revolution and Everyday Life **POLITICAL SCIENCE** **WHAT IS DEMOCRACY? WHY DEMOCRACY?** •What is Democracy? • Features of Democracy •Why Democracy? • Broader Meanings of Democracy
MAY	**POLITICAL SCIENCE** **Constitutional Design** • Democratic Constitution in South Africa • Why do we need a constitution? • Making of the Indian Constitution • Guiding Values of the Indian Constitution
JULY	**HISTORY** **Socialism in Europe and the Russian Revolution** • The Age of Social Change • The Russian Revolution • The February Revolution in Petrograd • What Changed after October? • The Global Influence of the Russian Revolution and the USSR

AUGUST	**POLITICAL SCIENCE** **Electoral Politics** • Why Elections? • What is our System of Elections? • What makes elections in India democratic?
SEPTEMBER	**REVISION**
OCTOBER	**HISTORY** **Pastoralists in the Modern World** • Pastoral Nomads and their Movements • Colonial Rule and Pastoral Life • Pastoralism in Africa
NOVEMBER	**POLITICAL SCIENCE** **Working of Institutions** • How is the major policy decision taken? • Parliament • Political and Permanent Executive • The Judiciary **Inter Disciplinary project – Forest Society and Colonialism**
DECEMBER	**HISTORY** **Nazism and the Rise of Hitler** • Birth of the Weimar Republic • Hitler's Rise to Power • The Nazi World view • Youth in Nazi Germany • Ordinary People and the Crimes Against Humanity
JANUARY	**POLITICAL SCIENCE** **Democratic Rights** • Life without Rights • Rights in a Democracy • Rights in the Indian Constitution • Expanding scope of rights
FEBRUARY	**Revision**

PORTION FOR:

PERIODIC ASSESSMENT 1   HISTORY – THE FRENCH REVOLUTION
                                      POL SC. – WHAT IS DEMOCRACY? WHY DEMOCRACY?

PERIODIC ASSESSMENT 2   HISTORY – PASTORALISTS IN THE MODERN WORLD
                                        POL SC.   – WORKING OF THE INSTITUTIONS

GEOGRAPHY & ECONOMICS

Month	Topic
APRIL	**GEOGRAPHY:** Ch. 1 – India-Size and Location India and the World, India's Neighbours **ECONOMICS:** Ch. 1 – The story of Village Palampur Overview, Organization of production, Farming in Palampur, Non-farm activities of Palampur
MAY	**GEOGRAPHY:** Ch. 2 – Physical features of India Major Physiographic Divisions **ECONOMICS:** Ch. 1 – The story of village Palampur (continued) Overview, Organization of production, Farming in Palampur, Non-farm activities of Palampur
JULY	**GEOGRAPHY:** Ch. 2 – Physical features of India (continued) Major Physiographic Divisions **ECONOMICS:** Ch. 2 – People as a resource Overview, Economic activities by men and women, Quality of Population, Unemployment
AUGUST	**GEOGRAPHY:** Ch. 3 – Drainage Major rivers and tributaries, Lakes, Role of rivers in the economy, Pollution of rivers **ECONOMICS:** Ch. 2 – People as a resource (continued) Overview, Economic activities by men and women, Quality of Population, Unemployment
SEPTEMBER	**REVISION+HALF-YEARLY**
OCTOBER	**Geography:** Ch. 4 – Climate Climatic Controls, Factors influencing India's climate, The Indian Monsoon, Distribution of Rainfall, Monsoon as a unifying bond **Economics:** Ch. 3 – Poverty as a challenge Two typical cases of poverty, Poverty as seen by Social Scientists, Poverty Estimates, Vulnerable Groups, Interstate disparities, Global Poverty Scenario, Causes of Poverty, Anti-poverty measures, The Challenges Ahead
NOVEMBER	**Geography:** Ch. 4 – Climate (continued) Climatic Controls, Factors influencing India's climate, The Indian Monsoon, Distribution of Rainfall, Monsoon as a unifying bond

	Economics: Ch. 3 – Poverty as a challenge Two typical cases of poverty, Poverty as seen by Social Scientists, Poverty Estimates, Vulnerable Groups, Interstate disparities, Global Poverty Scenario, Causes of Poverty, Anti-poverty measures, The Challenges Ahead
DECEMBER	**Geography:** Ch. 6 – Population Size, Distribution, Population, Growth and Process of Population Change **Economics:** Ch. 4 Food Security in India What is Food Security?, Why Food Security?, Who are food insecure?, Food Security in India, What is Buffer Stock?, What is the Public Distribution System?, Current Status of Public Distribution System
JANUARY	**Geography:** Ch. 6 – Population (continued) Size, Distribution, Population, Growth and Process of Population Change **Economics:** Ch. 4 Food Security in India (continued) What is Food Security?, Why Food Security?, Who are food insecure?, Food Security in India, What is Buffer Stock?, What is the Public Distribution System?, Current Status of Public Distribution System
FEBRUARY	**REVISION+ANNUALS**

(Geography Chapter 5 is included in syllabus covered as IDP as per CBSE)

PORTION FOR:

PERIODIC ASSESSMENT 1   GEOGRAPHY – CHAPTER 1
                                                            INDIA : SIZE AND LOCATION
                                         ECONOMICS – CHAPTER 1
                                                              THE STORY OF PALAMPUR

PERIODIC ASSESSMENT 2   GEOGRAPHY – CHAPTER 4
                                                              CLIMATE (TILL PAGE 28)
                                         ECONOMICS – CHAPTER 3
                                                              POVERTY AS A CHALLENGE

HINDI

अप्रैल	साहित्य– (क्षितिज) दो बैलों की कथा ,कबीर की साखियाँ , ल्हासा की ओर , ललद्यद : वाख
मई	व्याकरण– अर्थ के आधार पर वाक्य भेद , समास –भेद सहित, अपठित गद्यांश-पद्यांश
जुलाई	साहित्य– (कृतिका) इस जल प्रलय में। साहित्य– (क्षितिज)रसखान : सवैये , उपभोक्तावाद की संस्कृति, साँवले सपनों की याद

अगस्त	व्याकरण – औपचारिक व अनौपचारिक पत्र लेखन , अलंकार : शब्दालंकार – अनुप्रास,यमक श्लेष ,संवाद- लेखन, सूचना-लेखन, लघुकथा- लेखन, औपचारिक ई-मेल लेखन, उपसर्ग- प्रत्यय
सितम्बर	साहित्य– (कृतिका) रीढ़ की हड्डी व्याकरण – पुनरावृत्ति
अक्तूबर	साहित्य– प्रेमचंद के फटे जूते , ग्राम श्री , मेघ आए , मेरे बचपन के दिन
नवम्बर	व्याकरण– समास – भेद सहित , उपसर्ग – प्रत्यय , अर्थ के आधार पर वाक्य भेद
दिसम्बर	साहित्य– मेरे संग की औरतें (कृतिका) कैदी और कोकिला, बच्चे काम पर जा रहे हैं (क्षितिज)
जनवरी	व्याकरण - औपचारिक पत्र लेखन , अनौपचारिक पत्र लेखन , अलंकार : शब्दालंकार , संवाद लेखन
फरवरी	साहित्य – पुनरावृत्ति व्याकरण – अनुच्छेद लेखन,ई मेल लेखन,सूचना-लेखन ,लघु कथा लेखन , पुनरावृत्ति|

सामयिक परीक्षा 1
साहित्य-दो वैलों की कथा, कबीर की साखियाँ
व्याकरण- समास भेद सहित

सामयिक परीक्षा 2
साहित्य– ग्राम श्री, इस जल प्रलय में
व्याकरण– अर्थ के आधार पर वाक्य- भेद