

CLASS – IX (2024-25)
SYLLABUS

ENGLISH

April / May	Literature Reader	Fiction.1 How I Taught My grandmother to Read Poem.1 The Brook
	Main Course Book	Unit.1 People
	Grammar	Tenses, Reported Speech
	Writing Skills	Informal Letter
July	Literature Reader	Fiction.2 A Dog Named Duke Poem.2 The Road Not Taken Drama.1 Villa for Sale
	Main Course Book	Unit.2 Adventure
	Grammar	Subject Verb Concord
	Writing Skills	Paragraph Writing
August	Literature Reader	Fiction.3 The Man Who Knew Too Much Poem.3 The Solitary Reaper
	Main Course Book	Unit.3 Environment
	Grammar	Modals
	Writing Skills	Dialogue Writing, Notice Writing
September	REVISION/ MID-TERM EXAMINATION	
October	Literature Reader	Poem.4 The Seven Ages
	Main Course Book	Unit.4 The Class IX Radio And Video Show
	Grammar	Tenses, Subject Verb Concord,
	Writing Skills	Informal Letter, Paragraph Writing

November	Literature Reader	Fiction.4 Keeping it from Harold Poem.5 Oh, I wish I'd Looked After Me Teeth
	Grammar	Reported Speech, Modals
	Writing Skills	Dialogue Writing
December	Literature Reader	Fiction.5 Best Seller Poem.6 Song of The Rain
	Main Course Book	Unit.5 Mystery
	Grammar	Clauses
	Writing	Dialogue Writing, Notice Writing
January	Literature Reader	Drama.2 The Bishop's Candlesticks
	Main Course Book	Unit. 6 Children Unit.7 Sports And Games
	Grammar	Determiners
	Writing Skills	Notice Writing
February	REVISION	

हिंदी

अप्रैल - मई	स्पर्श (गद्यखंड)	पाठ - 1 दुख का अधिकार (यशपाल)
	स्पर्श (काव्यखंड)	पाठ - 7 पद (रैदास)
	संचयन	पाठ - 1 गिल्लू (महादेवीवर्मा)
	व्याकरण	शब्द व पद , पत्र लेखन-अनौपचारिक पत्र , अपठित गद्यांश
जुलाई	स्पर्श (गद्यखंड)	पाठ - 2 एवरेस्ट मेरी शिखर यात्रा (बचेंद्रीपाल)
	स्पर्श (काव्यखंड)	पाठ- 8 दोहे (रहीमदास)
	संचयन	पाठ - 2 स्मृति (श्रीरामशर्मा)
	व्याकरण	अनुस्वार- अनुनासिक, उपसर्ग - प्रत्यय
अगस्त	स्पर्श (गद्यखंड)	पाठ - 3 तुम कब जाओगे, अतिथि (शरद जोशी)
	स्पर्श (काव्यखंड)	पाठ - 11 गीत - अगीत (रामधारी सिंह दिनकर)
	व्याकरण	स्वर संधि ,अनुच्छेद लेखन, चित्र वर्णन

सितंबर	पाठ्यक्रम पुनरावृत्ति एवं अर्धवार्षिक परीक्षा	
अक्टूबर	स्पर्श (गद्यखंड)	पाठ - 4 वैज्ञानिक चेतना के वाहक: चंद्रशेखर वेंकटरामन (धीरंजनमालवे)
	स्पर्श (काव्यखंड)	पाठ - 12 अग्निपथ (हरिवंशरायबच्चन)
	व्याकरण	अर्थ के आधार पर वाक्य भेद , पत्रलेखन - अनौपचारिक
नवंबर	स्पर्श (गद्यखंड)	पाठ - 6 शुक्रतारे के समान (स्वामीआनंद)
	संचयन	पाठ - 3 कल्लू कुम्हार की उनाकोटी (के०विक्रमसिंह)
दिसंबर	स्पर्श (काव्यखंड)	पाठ -13 नए इलाके में खुशबू रचते हैं हाथ (अरुणकमल)
	व्याकरण	विराम चिन्ह, अनुच्छेद लेखन, अपठित गद्यांश
जनवरी	संचयन	पाठ - 4 मेरा छोटा सा निजी पुस्तकालय (धर्मवीर भारती)
	व्याकरण	संवाद लेखन , चित्र वर्णन
फरवरी	संपूर्ण पाठ्यक्रम पुनरावृत्ति	

MATHEMATICS

MONTH	NAME OF THE CHAPTER/TOPIC	ACTIVITIES
April /May	Ch – 1 Number System Ch – 3 Coordinate Geometry Ch – 4 Linear Equation in one variable	1. To represent the square root of a natural number, say $\sqrt{29}$ on a number line using graph paper. 2. To obtain the mirror image of a figure with respect to a given line on a graph paper.
July	Ch – 12 Heron's Formula Ch – 6 Lines and Angles	3. To show that if two parallel lines are intersected by a transversal, then (a) corresponding angles are equal. (b) alternate angles are equal. (c) of interior angles on the same side of the transversal are supplementary.
August	Ch – 7 Triangle	4. To explore criteria for congruency of triangles, using some cut-outs of triangles.

September	REVISION/ MID-TERM EXAMINATION	
October	Ch – 8 Quadrilateral Ch – 5 Introduction to Euclid's Geometry	5. To obtain a parallelogram by paper folding whose adjacent sides are given. 6. To verify that the diagonals of a parallelogram bisect each other. 7. To show that the line segment joining the mid-points of any two sides of a triangle is parallel to the third side and is equal to half of it.
November	Ch – 14 Statistics Ch – 2 Polynomials	8. To interpret geometrically the factors of quadratic expression of the type $ax^2 + bx + c$. 9. To draw histogram for classes of equal width and unequal widths.
December	Ch – 13 Surface Area and Volume	10. To give a suggestive demonstration of the formula for the lateral surface area and total surface area of a right circular cone.
January	Ch – 10 Circles	11. To verify that the angle subtended by an arc at the centre of a circle is double the angle subtended at any point on the remaining segment of the circle, experimentally. 12. To verify that the angles subtended by an arc of a circle in the same segment of the circle are equal. 13. To show that the opposite angles of a cyclic quadrilateral are supplementary.
February	REVISION	

SCIENCE

April/May	Physics	Ch-8 Motion
	Chemistry	Ch-1 Matter in our surrounding
	Biology	Ch-5 Cell – Fundamental unit of life
July	Physics	Ch-9 Force & Laws of Motion
	Chemistry	Ch-2 Is matter Around Us Pure
	Biology	Ch-6 Tissues
August	Physics	Ch-10 Gravitation (till weight of object on the moon)
	Chemistry	Ch-2 Is matter Around Us Pure

	Biology	Ch-6 Tissues (till Plant tissue)
September	REVISION/ MID-TERM EXAMINATION	
October	Physics	Ch-10 Gravitation (continued from thrust and pressure)
	Chemistry	Ch- 4 Structure of Atom
	Biology	Ch-6 Tissues (Animal tissue)
November	Physics	Ch- 11 Work, Energy And Power
	Chemistry	Ch- 3 Atoms and Molecules
	Biology	Ch- 15 Improvement in Food Resources (till crop protection management)
December	Physics	Ch-12 Sound
	Chemistry	Ch- 3 Atoms and Molecules (continued chemical formulas)
	Biology	Ch-15 Improvement in Food Resources (animal husbandry)
January	Physics	Revision
	Chemistry	Revision
	Biology	Revision
February	REVISION	

LIST OF PRACTICALS	
PHYSICS	<p>1. To determine the density of solid (denser than water) by using a spring balance and a measuring cylinder.</p> <p>2. To establish the relation between the loss in weight of a solid when fully immersed in: (i) tap water (ii) strongly salty water, with the weight of water displaced by it by taking at least two different solids.</p> <p>3. Verification of the Laws of reflection of sound.</p> <p>4. Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).</p>

CHEMISTRY	<p>1. To determine the Melting point of ice and boiling point of water</p> <p>2. To prepare -</p> <p>a) A true solution of common salt , sugar and alum</p> <p>b) A suspension of soil, chalk powder and fine sand in water.</p> <p>c) A colloidal of starch in water and egg albumin in water and distinguish between these on the basis of-</p> <p>* Transparency * Filtration * criterion * Stability</p> <p>3. To Prepare -</p> <p>a) a mixture b) a compound - using iron filling and sulphur powder and distinguish between these on the basis of</p> <p>(i) Appearance i.e homogeneity and heterogeneity</p> <p>b) Behaviour towards a magnet</p> <p>c) Behaviour towards carbon disulphide as a solvent</p> <p>d) Effect of heat</p>
BIOLOGY	<p>1) To prepare stained temporary mounts of : a) onion peel b) human cheek cells and to record observations and draw their labelled diagrams</p> <p>2) To identify Parenchyma, Sclerenchyma tissue in plants, Striated, Smooth and Cardiac muscles and nerves cell in animals from prepared slide and to draw their labelled diagram.</p>

SOCIAL SCIENCE

April & May	History	Ch-1 The French Revolution
	Geography	Ch-1 India - size and location
	Economics	Ch-1 The Story of Village Palampur
	Political Science	Ch-2 What is Democracy, Why Democracy?
July	Geography	Ch-2 Physical Features
	History	Ch-2 The Russian Revolution
	Political Science	Ch-2 Constitutional design
	Economics	Ch-2 People as resource
August	Geography	Ch-3 Drainage
	Political Science	Ch-3 Electoral Politics

September	REVISION/ MID-TERM EXAMINATION	
October	Geography	Ch-4 Climate
	Economics	Ch-3 Poverty as A Challenge
November	History	Ch-3 Nazism & the rise of Hitler
	Geography	Ch- 5 Natural Vegetation and wildlife
	Economics	Ch- 4 Food security in India
December	Geography	Ch- 6 Population Growth and Development
January	Political Science	Ch- 4 Working of Institutions
	Political Science	Ch- 5 Democratic Rights
February	REVISION	

INFORMATION TECHNOLOGY

MONTHS	NAME OF THE CHAPTER
April & May	PART – A EMPLOYABILITY SKILLS Unit -1 Communication Skills - I Chapter - 1 to Chapter -4 PART – B SUBJECT SPECIFIC SKILLS UNIT-III Chapter – 4 Creating a Document using Word Processor Chapter – 5 Editing text in Writer Chapter - 6 Formatting a Document Chapter - 7 Creating and Using Table
	PART – A EMPLOYABILITY SKILLS UNIT – II Self Management Skills Chapter - 5 & Chapter - 6
July	PART – B SUBJECT SPECIFIC SKILLS UNIT-III Chapter 8 Printing a Document Chapter – 9 Mail Merge in Writer

August	UNIT-IV Chapter 10 : Creating a Spreadsheet Chapter 11 : Editing data in a Spreadsheet Chapter 12 : Formatting Data in a Spreadsheet Chapter 13 : Cell Referencing Chapter 14 : Introduction to Charts
September	REVISION/ MID-TERM EXAMINATION
October	PART – A EMPLOYABILITY SKILLS Unit –III Information & Communication Technology Skills Chapter 7 to Chapter 14
November	PART – B SUBJECT SKILLS Chapter -15 Characteristics of a Good Presentation Chapter- 16 Getting started with open office Impress Chapter -17 Working with Slides Chapter -18 Formatting Text and Applying Animation Chapter -19 Working with tables
December	PART – A EMPLOYABILITY SKILLS Unit – IV Entrepreneurial Skills-1 Chapter – 15 & Chapter -16 Unit V – Green Skills-1 Chapter – 17 & Chapter -18 PART – B SUBJECT SKILLS Chapter – 20 Inserting and Formatting Image in a Presentation Chapter -21 Working with Slide Master
January	PART – B SUBJECT SKILLS Unit I Introduction to IT –ITES INDUSTRY Chapter 1- Applications of IT &ITeS Industry Unit II Data Entry & Keyboarding Skills Chapter – 2 Using Data Entry Tools Chapter – 3 Getting started with Typing Software
February	REVISION

SANSKRIT

मास	संस्कृत पाठ्य-पुस्तकम् नई दीप मणिका भाग-1	प्रायोगिक संस्कृत-व्याकरणम्
अप्रैल-मई	पाठ-1 अविवेकः परमापदां पदम् पाठ-2 पाथेयम्	अपठित गद्यांशाः पत्र-लेखनम् चित्र-वर्णनम् संवाद । कथापूर्तिः उच्चारण स्थानम् सन्धि (स्वर-दीर्घ, गुण, वृद्धि यण अयादि) व्यञ्जन सन्धि (प्रथम वर्णस्य तृतीयवर्णे परिवर्तम् स्थाने अनुस्वा
जुलाई	पाठ-3 विजयतां स्वदेशः पाठ-4 विधया भान्ति सदगुणाः	शब्दरूपाणि - अकारान्त, आकारान्त, इकारान्त, उकारान्त स्त्री० लिङ्ग - आकारान्त, ईकारान्त नंपु० - फलवत् सर्वनाम शब्द :- अस्मद्, युष्मद् तत् किम् धातुरूपाणि :- भून्म्, गम् अस् प्रच्छ्, कृ, ज्ञा, क्षाल्, नी आत्मनेपदी - सेव्, लम् रूप् लट् - लटलकारय
अगस्त	पाठ-5 कर्मणा याति संसिद्धिम् पाठ-6-तत् त्वम् असि	संख्या 1-100 कारक - उपपद विभक्तयः (द्वितीया) -चतु प्रत्ययाः-क्त्वा, त्यप् तुमुन्
सितम्बर	पुनरावृत्ति एवं अर्धवार्षिकी परीक्षा	

आवधिक परीक्षा-1	पाठ-1 अविवेकः परमापदा पदम् पाठ-2 पाथेयम्	अपठित गद्यांश संवादपूर्तिः। कथापूर्तिः उच्चारण स्थानानि अत्ययानि स्वर सन्धि
मास	मणिका भाग-I	व्याकरणम्
अक्टूबर	पाठ-7 तखे नमोऽस्तु पाठ-8 न धर्मवृद्धेषु वयः समीक्ष्यते	अपठित गद्यांश चित्र - वर्णनम् संवादपूर्तिः। कथापूर्तिः पत्र - लेखनम् विसर्ग सन्धि (उवतम्, शत्वं, षप्तं, सत्वं)
नवम्बर	पाठ-9 कवयामि वयामिय यामि पाठ-10 भारतीयं विज्ञानम्	उपपद विभक्ति (द्वितीया - सप्तमी) प्रत्ययाः - शत् शब्दरूपाणि धातुरूपाणि अव्ययानि
जनवरी	पाठ-11 भारतेनास्ति मे जीवनं जीवनम्	संख्या (1-100) उच्चारण - स्थानानि
फरवरी	पुनरावृत्ति एवं वार्षिक परीक्षा-2024	
नोट -	वार्षिक परीक्षायाम् वर्षस्य सम्पूर्ण पाठ्यक्रमः भविष्यति।	
आवधिक परीक्षा-II	पाठ-7 तखे नमोऽस्तु पाठ-8 न धर्मवृद्धेषु वयः समीक्ष्यते	अपठित गद्यांश चित्र - वर्णनम् विसर्ग सन्धि (उत्वं, शत्वं षत्वं सत्वं) संख्या (1-100) धातुरूपाणि