

SYLLABUS
CLASS X (2024-25)

ENGLISH

MONTH	NAME OF THE CHAPTER / TOPIC	
April	Literature Reader	F.1 Two Gentlemen of Verona
		P.7 The Frog and the Nightingale
		P.8 Not Marble, nor the Gilded Monuments
	Main Course Book	Unit 1 Health and Medicine
	Grammar	Subject Verb Concord
	Writing	Letter to the Editor
May	Literature Reader	F.2 Mrs Packletide's Tiger
	Main Course Book	Unit 2 Education
	Grammar	Tenses
	Writing	Email Writing
July	Literature Reader	F.3 The Letter
		P.9 Ozymandias
		P.10 The Rime of the Ancient Mariner
		D.12 The Dear Departed
	Main Course Book	Unit 3 Science
	Grammar	Clauses
	Writing	Formal Letter (Complain Letter and Inquiry)
August	Literature Reader	F.4 A Shady Plot
		F.5 Patol Babu
		F.6 Virtually True
		P.11 Snake
	Main Course Book	Unit 4 Environment
	Grammar	Reported Speech
	Writing	Factual Description
September	Grammar	Modals
	Writing	Formal Letter (Placing Order)
	Revision/ Mid Term Examination	
October	Literature Reader	D.13 Julius Caesar
	Main Course Book	Unit 5 Travel and Tourism
		Unit 6 National Integration
	Grammar	Determiners
	Writing	Article Writing
November	Revision/ Pre-Board Examination I	
December	Revision / Pre-Board Examination II	
January & February	REVISION	

हिंदी

अप्रैल	स्पर्श (गद्य खंड)	पाठ1. बड़े भाई साहब (प्रेमचंद)
	स्पर्श (काव्य खंड)	पाठ 1. साखी (कबीरदास) पाठ 2. पद (मीराबाई)
	संचयन	पाठ 1. हरिहर काका
	व्याकरण	पदबंध, अपठित गद्यांश, पत्र लेखन-अनौपचारिक पत्र शिकायती पत्र
मई	स्पर्श (गद्य खंड)	पाठ 2. डायरी का एक पन्ना (सीताराम सेकसरिया) पाठ 3. तताँरा-वामीरो कथा (लीलाधर मंडलोई)
	स्पर्श (काव्य खंड)	पाठ 4. मनुष्यता (मैथिलीशरण गुप्त) पाठ 5. पर्वत प्रदेश में पावस (सुमित्रानंदन पंत)
	व्याकरण	मुहावरे, सूचना लेखन, अनुच्छेद- समसामयिक विषयो पर
जुलाई	स्पर्श (गद्य खंड)	पाठ 4. तीसरी कसम के शिल्पकार- शैलेन्द्र (प्रहलादअग्रवाल)
	स्पर्श (काव्य खंड)	पाठ 7. तोप (वीरेन डंगवाल)
	संचयन	पाठ 2. सपनों के से दिन
	व्याकरण	विज्ञापन लेखन, प्रार्थना पत्र
अगस्त	स्पर्श (गद्य खंड)	पाठ 6. अब कहा दूसरो के दुःख से दुखी होने वाले (निदा फ़ाज़ली) पाठ 7. पतझड़ में टूटी पत्तियाँ (रवीन्द्र केलकर) * गित्री का सोना * झेन की देन
	स्पर्श (काव्य खंड)	पाठ 8. कर चले हम फ़िदा (कैफ़ीआजमी)
	व्याकरण	समास, ईमेल लेखन, पत्र – संपादक के नाम
सितंबर	पाठ्यक्रम पुनरावृत्ति एवं अर्धवार्षिक परीक्षा	
अक्टूबर	स्पर्श (गद्य खंड)	पाठ 8. कारतूस (हबीव तनवीर)
	स्पर्श (काव्य खंड)	पाठ 9. आत्मत्राण (रवीन्द्रनाथ ठाकुर)
	संचयन	पाठ 3- टोपी शुक्ला (राही मासूम रज़ा)

	व्याकरण	रचना के आधार पर वाक्य भेद, लघु कथा लेखन, आवेदन पत्र
नवंबर	पुनरावृत्ति एवं प्रथम प्री बोर्ड परीक्षा	
दिसंबर	पुनरावृत्ति एवं द्वितीय प्री बोर्ड परीक्षा	
जनवरी	पाठ्य क्रम पुनरावृत्ति	
फरवरी	पाठ्य क्रम पुनरावृत्ति	

MATHEMATICS

MONTH	NAME OF THE CHAPTER/TOPIC	ACTIVITIES
April	Ch – 1 Real Numbers Ch – 2 Polynomials Ch – 3 Pair of Linear Equation in Two Variables	1. To find the zero(es) of a quadratic polynomial geometrically. 2. To obtain the conditions for consistency of a system of linear equation in two variables by graphical method.
May	Ch – 4 Quadratic Equations Ch – 8 Introduction to Trigonometry	3. To verify Experimentally a trigonometric identity $(\sin^2\theta + \cos^2\theta) = 1$
July	Ch – 6 Triangles Ch – 13 Statistics Ch – 14 Probability Ch – 11 Area Related to Circles	4. To verify basic proportionality theorem using parallel line and triangle cut outs. 5. To find the mode of the given data graphically. 6. To find the median of the given data graphically.
August	Ch – 5 Arithmetic Progression Ch – 7 Coordinate Geometry	7. To verify that the sum of first n odd natural numbers is n^2 by an activity method. 8. To verify that the sum of first n natural numbers is $\frac{n(n+1)}{2}$. 9. To verify the distance formula by graphical method.
September	Revision/ Mid-Term Examination	
October	Ch – 9 Some Application of Trigonometry Ch – 10 Circles Ch – 12 Surface Area and	10. To make a clinometers and use it to measure the height of an object. 11. To construct a tangent to a circle at a point on it when the centre of circle is given using

	Volume	paper-cutting and paper folding. 12. To verify that the lengths of tangents from an external point to a circle are equal.
November	Revision/ Pre-Board Examination I	
December	Revision/ Pre-Board Examination II	
January & February	REVISION	

SCIENCE

MONTH	SUBJECT	NAME OF THE CHAPTER
April	Physics	Ch – 9 Light Reflection and Refraction
	Chemistry	Ch – 1 Chemical Reactions and Equations
	Biology	Ch – 5 Life Processes (Till Respiration)
May	Physics	Ch – 10 The Human Eye and the Colorful World (till dispersion of white light by a glass prism)
	Chemistry	Ch – 2 Acids , Bases and Salts
	Biology	Ch – 5 Life Processes (Transport in plants and animals)
July	Physics	Ch – 10 The Human Eye and the Colourful World (from atmospheric refraction)
	Chemistry	Ch – 3 Metals and Non-Metals
	Biology	Ch – 6 Control and Coordination Ch – 7 How do Organism Reproduce? (Till Asexual Reproduction)
August	Physics	Ch – 11 Electricity
	Chemistry	Ch – 4 Carbon and it's compounds (till Versatile Nature of Carbon)
	Biology	Ch – 7 How do Organism Reproduce? (Till Sexual Reproduction) Ch – 8 Heredity
September	REVISION / MID TERM EXAMINATION	
October	Physics	Ch – 12 Magnetic Effects of Electric Current
	Chemistry	Ch – 4 Carbon and it's compounds (from Saturated and

		Unsaturated Carbon Compounds)
	Biology	Chapter – 13 Our Environment
November	Revision /Pre-Board Examination I	
December	Revision /Pre-Board Examination II	
January & February	REVISION	
LAB ACTIVITIES		
APRIL	<p>Physics 1. To determine the focal length of the concave mirror by obtaining the image of a distant object.</p> <p>Chemistry 2. To perform and observe the following reactions and classify them into : (i) Combination reaction (ii) Decomposition reactions (iii) Displacement reaction (iv) Double displacement reaction a. Action of water on quick lime. b. Action of heat on Ferrous sulphate crystals c. Iron nails kept in Copper sulphate solution</p> <p>Reaction between sodium sulphate and Barium chloride solutions.</p> <p>Biology 3. To prepare a temporary mount of a leaf peel to show stomata.</p>	
MAY	<p>Physics 1. To determine the focal length of the convex lens by obtaining the image of a distant object.</p> <p>Chemistry 2. To find the pH of the following samples by using pH paper / universal Indicator solution: (i) Dil. Hydrochloric acid (ii) Dilute sodium Hydroxide solution (iii) Dil. Ethanoic acid solution (iv) Lemon Juice (v) Water (vi) Dil. Sodium Bicarbonate solution</p>	

	<p>3. To study the properties of acid and base (HCl) and (NaOH) by their reaction with</p> <p>(i) Litmus solution (Blue / Red)</p> <p>(ii) Zinc metal</p> <p>(iii) solid sodium carbonate.</p> <p>Biology</p> <p>4. To show experimentally that CO₂ is given out during respiration</p>
July	<p>Physics</p> <p>1. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.</p> <p>Biology</p> <p>2. Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.</p>
August	<p>Physics</p> <p>1. To trace the path of the rays of light passing through a glass prism.</p> <p>Chemistry</p> <p>2. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions.</p> <p>Biology</p> <p>3. Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).</p>
October	<p>Physics</p> <ol style="list-style-type: none"> 1. Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I. 2. To determine the equivalent resistance of the resistors connected in the series combination. 3. To determine the equivalent resistance of the resistors connected in the parallel combination.

SOCIAL SCIENCE

Month	Subject	NAME OF THE CHAPTER
April	Political Science	Ch – 1 Power Sharing

	Geography	Ch – 1 Resources & Development
	Economics	Ch – 1 Development
May	History	Ch – 1 The rise of nationalism in Europe
	Political Science	Ch – 2 Federalism
	Geography	Ch – 3 Water Resources
July	History	Ch – 2 Nationalism in India Ch - 4 The age of Industrialization (to be assessed in the Periodic Assessment)
	Geography	Ch – 4 Agriculture
	Economics	Ch – 2 Sectors of the Indian Economy
August	Political Science	Ch – 4 Gender, Religion & Caste
	Geography	Ch – 5 Mineral & Energy Resources
	History	Ch – 7 Print Culture & the Modern World
September	REVISION / MID TERM EXAMINATION	
October	Political Science	Ch – 6 Political Parties Ch – 8 Challenges to Democracy
	Geography	Ch – 6 Manufacturing Industries
	Economics	Ch – 4 Globalisation and the Indian economy
November	History	Ch – 3 The Making of Global World.
	Geography	Ch – 7 Life lines of National Economy
	Revision/ Pre-Board Examination I	
December	Revision/ Pre-Board Examination II	
January & February	REVISION	

SANSKRIT

मास	संस्कृत पाठ्य-पुस्तकम् गणिका-2	संस्कृत-व्याकरणम्
अप्रैल	प्रथम पाठः- वाङ्मयं तपः द्वितीयः पाठः नास्ति व्यागसमं सुखं	अपठित - गद्यांशः पत्र-लेखनं कथा पूर्तिः। संवादपूर्तिः चित्र-वर्णनम्
मई	तृतीयः पाठः-रमणीया हि सृष्टिःएषा चतुर्थः पाठः- आज्ञा गुरुणां हि अविचाणीया	सन्धिः प्रत्ययाः समयः अव्ययानि
जुलाई	पञ्चमः पाठः-अभ्यासवशगं मनः षष्ठः पाठः-राष्ट्र संरक्ष्यमेव हि सप्तमः पाठः- साधूवृत्तिं समाचरेत्	समासः वाच्य-परिवर्तनं अशुद्धि-संशोधनं
अगस्त एवं सितम्बर	पुनरावृत्ति एवं अर्धवार्षिकी परीक्षा अप्रैल-जुलाई तक का सम्पूर्ण पाठ्यक्रम।	
अक्तूबर	अष्टमः पाठ - तिरुक्कुरल - सूक्ति सौरभम् नवमः पाठः- सुस्वागतं भो! अरुणाचलेंऽस्मिन्	-
नवम्बर	प्री० बोर्ड परीक्षा - 1 (पूर्ण पाठ्यक्रम सहित।)	
दिसम्बर	पुनरावृत्ति।	
जनवरी	प्री० बोर्ड परीक्षा - 2	(सम्पूर्ण पाठ्यक्रम सहित)
आवधिक परीक्षा - 1	मणिका - पाठ 1, 2	अपठित-गद्यांश, सन्धिः, समयः, प्रत्ययाः, अव्ययानि
आवधिक परीक्षा - 2	मणिका पाठ - 3, 4, 5	अपठित गद्यांश, चित्र-वर्णनं, पत्र-लेखनं, वाच्य-परिवर्तनम्, अशुद्धि संशोधनम्।
आवधिक परीक्षा - 3	मणिका पाठ - 7, 8, 9	पत्र-लेखनं, कथापूर्तिः। संवाद पूर्तिः, सन्धिः, समयः, अव्ययानि, वाच्य-परिवर्तनं, समास।

INFORMATION TECHNOLOGY

MONTHS	NAME OF THE CHAPTER
April	PART-B Subject Specific Skills Unit III : Database Management System Chapter-10 Concept of DBMS

	Chapter-11 Creating and Using tables
May	Chapter-12 Performing Operations on Tables Chapter-13 Retrieving data using queries Chapter-14 Working with Forms and Reports PART-A Employability Skills Unit II Self Management Skills Chapter-6 & Chapter-7
July	PART-B Subject Specific Skills Unit I : Digital Documentation (Advanced) Chapter-1 Applying Styles in a document Chapter-2 Adding Graphics in a document Chapter-3 Working with Templates Chapter-4 Using a Table of Contents Chapter-5 Mail Merge
August	PART-A Employability Skills Unit I : Communication Skills Chapter 1 to 5 Unit IV : Entrepreneur Skills Chapter-11 Entrepreneur and Entrepreneurship Unit 5 : Green Skills Chapter 12 Sustainable Development
September	REVISION / MID TERM EXAMINATION
October	PART A EMPLOYABILITY SKILLS UNIT III ICT Skills Chapter-8 Operating System Chapter-9 Managing Files & Folders Chapter-10 Care and Maintenance of a computer

	<p>PART – B SUBJECT SKILLS</p> <p>UNIT II Electronic Spreadsheet (Advanced)</p> <p>Chapter-6 Analyzing data in a Spreadsheet</p> <p>Chapter-7 Linking Data and Spreadsheet</p> <p>Chapter-8 Sharing and Reviewing a Spreadsheet</p> <p>Chapter-9 Using Macros in a Spreadsheet</p>
November	<p>Unit IV : Web Application and Security</p> <p>Chapter-15 Working with Accessibility options</p> <p>Chapter-16 Networking fundamentals</p> <p>Chapter-17 Introduction to Instant Messaging</p> <p>Chapter-18 Chatting with Google Chat</p> <p>Chapter-19 Creating and Publishing Blogs</p> <p>Chapter-20 Using Offline Blog Editors</p> <p>Chapter-21 Online Transactions</p> <p>Chapter-22 Internet Security</p> <p>Chapter-23 Importance of workplace Safety</p> <p>Chapter-24 Preventing Accidents and Emergencies</p> <p>Chapter-25 Protecting Health and Safety at work</p> <p>Revision/ Pre-Board Examination I</p>
December	Revision/ Pre-Board Examination II
January & February	REVISION