



CLASS- X

SYLLABUS 2023-24

ENGLISH

March & April	FIRST FLIGHT <ul style="list-style-type: none">• A letter to God• Nelson Mandela-A long walk to freedom POEMS <ul style="list-style-type: none">• Dust of Snow• Fire &Ice• Tiger in the Zoo
May	FIRST FLIGHT <ul style="list-style-type: none">• Two Stories about flying POEMS <ul style="list-style-type: none">• How to tell wild animals FOOTPRINT WITHOUT FEET <ul style="list-style-type: none">• A triumph of surgery• The thief's story GRAMMAR <ul style="list-style-type: none">• Integrated grammar practice-Editing, omission, rearranging of sentences WRITING SKILLS Letter –placing order, enquiry
July	FIRST FLIGHT <ul style="list-style-type: none">• From the Diary of Anne Frank• Glimpses of India POEMS <ul style="list-style-type: none">• The Ball Poem FOOTPRINT WITHOUT FEET <ul style="list-style-type: none">• Midnight Visitor
August	FIRST FLIGHT <ul style="list-style-type: none">• Mijbil the otter• Madam Rides the bus POEMS <ul style="list-style-type: none">• Amanda FOOTPRINT WITHOUT FEET <ul style="list-style-type: none">• A question of trust• The Making of Scientist
September	FIRST FLIGHT POEMS <ul style="list-style-type: none">• Trees• Fog Writing Skills Letter- Complaint, Letter to editor & Analytical Paragraph
October	FIRST FLIGHT <ul style="list-style-type: none">• The Sermon at Benaras POEMS <ul style="list-style-type: none">• The Tale of Custard, the Dragon FOOTPRINT WITHOUT FEET <ul style="list-style-type: none">• The Necklace
November	FIRST FLIGHT <ul style="list-style-type: none">• The Proposal POEMS <ul style="list-style-type: none">• For Anne Gregory FOOTPRINT WITHOUT FEET <ul style="list-style-type: none">• Bholi

December	<p>FOOTPRINTS WITHOUT FEET</p> <ul style="list-style-type: none"> • The Book that saved the world <p>GRAMMAR</p> <ul style="list-style-type: none"> • Revision of earlier concepts <p>WRITING SKILLS</p> <ul style="list-style-type: none"> • Revision of earlier concepts.
Jan & Feb	Pre-Board Exams
Syllabus for Assessment	
UT-1 / Quarterly Exam	<p>FIRST FLIGHT A letter to God, Nelson Mandela-A long walk to freedom, Two Stories about flying Poems- Dust of Snow, Fire &Ice, Tiger in the Zoo, How to tell wild animals</p> <p>FOOTPRINTS WITHOUT FEET A triumph of Surgery, The thief's story</p> <p>Writing Skills – Letter of Placing Order and Enquiry</p> <p>Grammar- Integrated grammar</p>
Mid-term	<p>FIRST FLIGHT A letter to God, Nelson Mandela-A long walk to freedom, Two Stories about flying , From the Diary of Anne Frank, Mijbil the otter, Glimpses of India, Madam rides the bus. Poems- Dust of Snow, Fire &Ice, Tiger in the Zoo, How to tell wild animals, the Ball poem, Fog, Trees, Amanda</p> <p>FOOTPRINTS WITHOUT FEET A triumph of Surgery, The thief's story, The Midnight Visitor, A question of trust, The making of a scientist</p> <p>Writing Skills – Letter of Placing Order and Enquiry, Complaint , Letter to Editor Analytical Paragraph</p> <p>Grammar- Integrated grammar</p>
UT-2	<p>FIRST FLIGHT The Sermon at Benaras, The proposal Poem – The tale of custard, the Dragon, For Anne Gregory</p> <p>FOOTPRINTS WITHOUT FEET The Necklace, Bholi</p>
Pre-Board	Complete Syllabus

हिंदी

अप्रैल	बड़े भाई साहब, डायरी का एक पन्ना, कबीर की साखी, व्याकरण- मुहावरे , अनुच्छेद
मई	मीरा के पद, संचयन- हरिहर काका रचना के आधार पर वाक्य भेद, समास, पत्र लेखन (औपचारिक), पदबंध,विज्ञापन,सूचना लेखन
जुलाई	तातारां-वामीरो कथा,तीसरी कसमके शिल्पकार-शैलेंद्र, (कविता)- मनुष्यता, व्याकरण -लघु कथा लेखन तथा इमेल लेखन
अगस्त	(कविता)- पर्वत प्रदेश में पावस ,पाठ- अब कहां दूसरों के दुख से दुखी होने वाले संचयन-पाठ 2 सपनों के से दिन। व्याकरण दोहराव
सितंबर	अर्धवार्षिक परीक्षा (पाठ)-पतझड़ में टूटी पत्तियां- झेन की देन, गित्री का सोना।
अक्टूबर	पाठ -कारतूस, कविता-कर चले हम फिदा तथा तोप । व्याकरण- समास, पदबंध, रचना के आधार पर वाक्य भेद और मुहावरे ।
नवंबर	कविता- आत्मत्राण। संचयन- पाठ 3 - टोपी शुक्ला लेखन कौशल का दोहराव- अनुच्छेद,पत्र, सूचना लेखन, विज्ञापन, ई-मेल लेखन व लघु कथा लेखन।
दिसंबर	पूरे पाठ्यक्रम का दोहराव
Syllabus for Assessment	
UT-1 / Quarterly Exam	बड़े भाई साहब, डायरी का एक पन्ना, कबीर की साखियाँ, मीरा के पद और हरिहर काका । व्याकरण - समास ,मुहावरे ,रचना के आधार पर वाक्य भेद, और पदबंध दोहराएं । लेखन कौशल - औपचारिक पत्र अनुच्छेद विज्ञापन और सूचना लेखन दोहराएं व अभ्यास करें।
Mid-term	जून का पाठ्यक्रम तथा पाठ वामीरो कथा , तीसरी कसमके शिल्पकार- शैलेंद्र, अब कहां दूसरों के दुख से दुखी होने वाले।कविता- मनुष्यता ,पर्वत प्रदेश में पावस, पतझड़ में टूटी पत्तियां- झेन की देना संचयन से हरिहर काका और सपनों के से दिन। व्याकरण- समास, रचना के आधार पर वाक्य भेद, मुहावरे और पदबंध। लेखन कौशल- अनुच्छेद ,पत्र (औपचारिक),सूचना लेखन ,विज्ञापन लेखन ,ईमेल लेखन, तथा लघु कथा।
Pre-Board	अप्रैल से लेकर नवंबर तक का कराया गया सभी कार्य

MATHS

April	<ul style="list-style-type: none"> • Statistics • Real numbers • Polynomials
May	<ul style="list-style-type: none"> • Pair of linear equations in two variables • Probability
July	<ul style="list-style-type: none"> • QUADRATIC EQUATIONS • ARITHMETIC PROGRESSION • TRIANGLES
August	<ul style="list-style-type: none"> • CIRCLES • INTRODUCTION TO TRIGONOMETRY • CO-ORDINATE GEOMETRY
September	<ul style="list-style-type: none"> • REVISIONS
October	<ul style="list-style-type: none"> • APPLICATIONS OF TRIGONOMETRY • AREA RELATED TO CIRCLES
November	<ul style="list-style-type: none"> • SURFACE AREA AND VOLUMES
December & January	REVISION
February	PRACTICALS
Syllabus for Assessment	
Unit Test -1	REAL NUMBERS , POLYNOMIALS , PAIR OF LINEAR EQUATIONS IN TWO VARIABLES , STATISTICS , PROBABILITY
Mid-Term	REAL NUMBERS , POLYNOMIALS , PAIR OF LINEAR EQUATIONS IN TWO VARIABLES , PROBABILITY , STATISTICS, QUADRATIC EQUATIONS , ARITHMETIC PROGRESSION , TRIANGLES , CIRCLES INTRODUCTION TO TRIGONOMETRY ,CO-ORDINATE GEOMETRY
Unit Test - 2	APPLICATION OF TRIGONOMETRY , AREA RELATED TO CIRCLES .
PREBOARD	Complete Syllabus

SCIENCE

April	<ul style="list-style-type: none"> Chapter 1- Chemical reactions and equations(Chemical equation, Balanced chemical equation, implications of a balanced chemical equation) Chapter 5- Life Process('Living Being'. Basic concept of nutrition)
May	<ul style="list-style-type: none"> Chapter 1- Chemical reactions and equations(types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, oxidation and reduction, rancidity) Chapter 5- Life Process(nutrition, respiration, in plants and animals.) Chapter 9- Light reflection and Refraction (Reflection of light by curved surfaces; Images formed by spherical mirrors, centre of curvature, principal axis, principal focus, focal length, mirror formula, magnification) <p>PRACTICALS</p> <p>1.Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: i) ZnSO₄(aq) ii) FeSO₄(aq) iii) CuSO₄(aq) iv) Al₂(SO₄)₃(aq) Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.</p> <p>2.Performing and observing the following reactions and classifying them into; Unit-I A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction (i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions</p> <p>3.Preparing a temporary mount of a leaf peel to show stomata.</p>
July	<ul style="list-style-type: none"> Chapter 2- Acids, bases and salts: (Their definitions in terms of furnishing of H⁺ and OH⁻ ions, General properties, examples and uses, concept of pH scale ,importance of pH in everyday life;) Chapter 5- Life Process(transport and excretion in plants and animals.) Chapter 9- Light reflection and Refraction(magnification. Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of a lens.) <p>PRACTICALS</p> <p>1.A. Finding the pH of the following samples by using pH paper/universal indicator: Unit-I (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution</p> <p>B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate</p> <p>2. Experimentally show that carbon dioxide is given out during respiration.</p> <p>3.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>4.Determination of the focal length of: i) Concave mirror ii) Convex lens by obtaining the image of a distant object</p>
August	<ul style="list-style-type: none"> Chapter 2- Acids, bases and salts: (preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris) Chapter 10- Human Eye and Colorful World (Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life.) Chapter 13 – Our environment: (Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances) <p>PRACTICALS</p> <p>1.Study of the following properties of acetic acid (ethanoic acid): i) Odour ii) solubility in water iii) effect on litmus iv) reaction with Sodium Hydrogen Carbonate</p> <p>2.Tracing the path of the rays of light through a glass prism.</p>
September	<ul style="list-style-type: none"> Chapter 3- Metals and nonmetals: (Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds) Chapter 6-Control and co-ordination in animals and plants: (Tropic movements in plants; Introduction of plant hormones;) Chapter 11- Electricity Electric current, potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. <p>PRACTICALS</p> <p>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</p>

October	<ul style="list-style-type: none"> Chapter 3- Metals and nonmetals: (Basic metallurgical processes; Corrosion and its prevention.) Chapter 4- Carbon compounds: <ul style="list-style-type: none"> (Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series Chapter 6-Control and co-ordination in animals and plants(Control and co-ordination in animals: Nervous system; Voluntary, involuntary and reflex action; Chemical co-ordination ,animal hormones) Chapter 11- Electricity <ul style="list-style-type: none"> (parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R) <p>PRACTICALS</p> <ol style="list-style-type: none"> Determination of the equivalent resistance of two resistors when connected in series and parallel. Study of the comparative cleaning capacity of a sample of soap in soft and hard water.
November	<ul style="list-style-type: none"> Chapter 4- Carbon compounds: <ul style="list-style-type: none"> Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series . Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes), difference between saturated hydro carbons and unsaturated hydrocarbons. Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents) Chapter 7-How do organisms reproduce Chapter 12- Magnetic effects of current <p>PRACTICALS</p> <ol style="list-style-type: none"> Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides. Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).
December	Chapter 8 Heredity:
January & February	Pre board.
Syllabus for Assessment	
Unit Test -1 / Quarterly Exam	Chapter 1- Chemical reactions and equations Chapter 2- Acids, bases and salts: Chapter 5- Life Process('Living Being'. Basic concept of nutrition, nutrition and respiration in plants and animals) Chapter 9- Light reflection and Refraction(Reflection of light by curved surfaces; Images formed by spherical mirrors,)
Mid-Term	.Chapter 1- Chemical reactions and equations Chapter 2- Acids, bases and salts Chapter 5- Life Process Chapter 9- Light reflection and Refraction Chapter 10- Human Eye and Colorful World Chapter 13 – Our environment
Unit Test - 2	Chapter 1- Chemical reactions and equations Chapter 2- Acids, bases and salts Chapter 3- Metals and nonmetals Chapter 4- Carbon compounds: Chapter 5- Life Process Chapter 6-Control and co-ordination in animals and plants Chapter 7-How do organisms reproduce Chapter 8 Heredity Chapter 9- Light reflection and Refraction Chapter 10- Human Eye and Colorful World Chapter 11- Electricity Chapter 12- Magnetic effects of current Chapter 13 – Our environment
Final Term	<u>Complete Syllabus</u>
Internal assessment	
Management of Natural Resources	

SOCIAL STUDIES

April	Geography - Resource and development History - Nationalism in Europe Pol Science -Power sharing
May	Geography - Forest and wildlife Economics - Development
July	Geography - Agriculture History - Nationalism in India Pol Science - Federalism Economics - Sectors of the Indian economy
August	Geography - Manufacturing industries History - The making of a global world Pol Science - Gender religion and caste Economics - Money and credit
September	History - The of industrialization (assignment) Pol Science -Political parties Geography - Water resources
October	History - Globalization and the Indian economy, Print culture and the modern world Geography -Minerals and energy resources
November	Geography - Lifelines of national economy Pol Science - Outcomes of democracy Consumer rights (project)
December	<u>Revision</u>
January February	Pre-Board
Syllabus for Assessment	
Unit Test - 1	Resources and development Nationalism in Europe Power sharing Development
Mid-Term	Resources and development Nationalism in Europe Nationalism in India Power sharing Development Forest and wildlife Agriculture manufacturing industries Sectors of Indian economy money and credit gender religion and caste The making of global world
Unit Test - 2	Political parties Water resources Globalization and the Indian economy Print culture and the modern world
Pre-Board	<u>Complete Syllabus</u>

INFORMATION TECHNOLOGY

April	PART A: Employable Skill <ul style="list-style-type: none"> • Communication Skills (Unit 1)
May	Part A : Employability Skill <ul style="list-style-type: none"> • Unit-4 Entrepreneurial Skills Part B : Subject Skill <ul style="list-style-type: none"> • Unit-1 Digital Documentation
July	Part A : Employability Skill <ul style="list-style-type: none"> • Unit-2 Self- Management Skills Part B : Subject Skill <ul style="list-style-type: none"> • Unit-2 Electronic Spreadsheet
August	PART A: Employability Skill <ul style="list-style-type: none"> • Unit 3 ICT Skills PART B Subject Skills <ul style="list-style-type: none"> • Web application and security
September	PART B Subject Skills Web application and security(contd) Revision
October	PART B Subject Skills <ul style="list-style-type: none"> • Database Management System
November	PART A: Employability Skill <ul style="list-style-type: none"> • Unit 5 Green Skills
December	Revision
Jan & Feb	Pre-Board & Practical
Syllabus for Assessment	
UT-1	PART A: Employability Skill <ul style="list-style-type: none"> • Communication Skills (Unit 1) • Unit-4 Entrepreneurial Skills Part B : Subject Skill <ul style="list-style-type: none"> • Unit-1 Digital Documentation
Mid-Term	Part A : Employability Skill <ul style="list-style-type: none"> • Self- Management Skills • Communication Skills (Unit 1) • Entrepreneurial Skills • ICT Skills Part B : Subject Skill <ul style="list-style-type: none"> • Unit-2 Electronic Spreadsheet • Digital Documentation • Web application and security
UT-2	Part B : Subject Skill <ul style="list-style-type: none"> • Database Management System • Green Skills
Pre-Board	Complete Syllabus

MARKETING & SALES

April-May	<p>PART A: Employability Skill</p> <ul style="list-style-type: none"> • Communication Skills (Unit 1) <p>PART B: Subject Skills</p> <ul style="list-style-type: none"> • Unit 1: Sales with other functionsIntroduction to Marketing Mix Unit 2: Market (Segmentation, Targeting and Positioning)
July	<p>PART A: Employability Skill</p> <ul style="list-style-type: none"> • Self-Management Skills <p>PART B: Subject Skills</p> <ul style="list-style-type: none"> • Basic Concepts of Sales
August	<p>PART A: Employability Skill</p> <ul style="list-style-type: none"> • Basic ICT Skills (Unit 3) <p>PART B Subject Skills</p> <ul style="list-style-type: none"> • Unit 3: Basic concept of Sales (Contd) • Career in Selling
September	REVISION
October	<p>PART A: Employability Skill</p> <ul style="list-style-type: none"> • Entrepreneurial Skills (Unit 4) <p>PART B Subject Skills</p> <ul style="list-style-type: none"> • Career in Selling • Skills in Selling
November	<p>PART A: Employability Skill</p> <ul style="list-style-type: none"> • Green Skills <p>PART B Subject Skills</p> <ul style="list-style-type: none"> • Skills in Selling
December	Revision
January & Feb	Pre-Board

Syllabus for Assessments

UT-1	<p>PART A: Employability Skill</p> <ul style="list-style-type: none"> • Communication Skills (Unit 1) <p>PART B: Subject Skills</p> <p>Unit 1: Sales with other functionsIntroduction to Marketing Mix</p> <p>Unit 2: Market (Segmentation, Targeting and Positioning)</p>
Mid-Term	<p>PART A: Employability Skill</p> <ul style="list-style-type: none"> • Self Management Skills (Unit 2) • Basic ICT Skills (Unit 3) • Communication Skills (Unit 1) <p>PART B Subject Skills</p> <p>Unit 1: Sales with other functionsIntroduction to Marketing Mix</p> <p>Unit 2: Market (Segmentation, Targeting and Positioning)</p> <p>Unit 3 : Basic Concepts of Sales</p>
UT-2	<p>PART A: Employability Skill</p> <ul style="list-style-type: none"> • Entrepreneurial Skills (Unit 4) <p>PART B Subject Skills</p> <p>Career in Selling , Skills in selling</p>
Pre-Board	Complete Syllabus