

FEB. : My Safety Workbook : Ch. 15
Revision and Map Work

COMMERCE

SEPT. : Record of Inward and Outward Correspondence
OCT. : Scope of Economics, Definition, Function and Importance of Money
NOV. : Terminology Related to Economics, Copying
DEC. : Revision + Indian System of Accounts
JAN. : Correspondence Regarding Inquiry and Order, Indian Monetary System, Wants
FEB. : Revision

MORAL, YOGA, SPORTS AND PHYSICAL EDUCATION

OCT. : Play and Competition
NOV. : Warming Up and Limbering (Cooling) Down
DEC. : Revision
JAN. + FEB. : Revision

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• This Syllabus can be downloaded from our school website : www.lps-lpc.org

COURSE FOR CLASS IX (UP BOARD) : 2022-23

HALF YEARLY EXAMINATION



HINDI

MARCH : मुहावरे एवं लोकोक्तियाँ, विलोम, पर्यायवाची
APRIL : समास – अव्ययीभाव, तत्पुरुष, वर्तनी तथा विराम चिह्न
शब्द रूप – राम, हरि धातु रूप – भू, गम्
कंठस्थ श्लोक, प्रार्थना-पत्र सन्धि – दीर्घ, गुण
रस – शृंगार, वीर छन्द – चौपाई व दोहा
अलंकार – अनुप्रास, यमक, श्लेष
गद्य साहित्य का इतिहास – भारतेन्दु युग
MAY : गद्य संकलन – बात, मंत्र (जीवनी, गद्यांश पर आधारित प्रश्नोत्तर)
संस्कृत परिचायिका – वन्दना, सदाचारः (अनुवाद, अभ्यास कार्य)
काव्य संकलन – कबीरदास (जीवनी, व्याख्या)
रंग भारती – दीपदान (सारांश, चरित्र चित्रण)
काव्य साहित्य का इतिहास – आदिकाल
JUNE : रंग भारती – नये मेहमान, व्यवहार
JULY : गद्य संकलन – गुरु नानक देव, सड़क सुरक्षा एवं यातायात के नियम
काव्य संकलन – मीराबाई, रहीम, संत रैदास (जीवनी, काव्यांश आधारित प्रश्नोत्तर)
AUG. : काव्य संकलन – भारतेन्दु हरिश्चन्द्र, मैथिलीशरण गुप्त
संस्कृत परिचायिका – पुरुषोत्तमः रामः, सिद्धिमन्त्रः
SEPT. : पुनरावृत्ति

ENGLISH

MARCH : Poem : The Road Not Taken
APRIL : Beehive : Ch. 1 The Fun They Had, Ch. 2 The Sound of Music(I & II)
Moments : The Lost Child
Language : Tenses & Modals, Translation
MAY : Beehive : Ch. 3 The Little Girl
Poem : Wind, Rain on the Roof
Moments : Ch. 2 Adventures of ToTo
Language : Articles , Conversion of Sentences, Letter Writing
Safety Workbook : Ch. 1 Introduction
JUNE : Language : Filling of the Correct Form of Verb.
Filling of the Correct Modal Verb.
JULY : Beehive : Ch. 4 A Truly Beautiful Mind
Moments : Ch. 3 Ishwaran the Story Teller
Language: Active & Passive Voice, Essay Writing

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- AUG.** : **Literature : Prose** : Ch.5 The Snake and The Mirror, Ch.6 My Childhood
Poem : 4 The Lake Isle of Innisfree, 5 A Legend of the Northland
Moments : Ch. 4 In the Kingdom of Fools
Language : Narration, Essay Writing
Safety Workbook : Ch. 6 Gender Equality
- SEPT.** : **Moments** : Ch. 5 The Happy Prince
Language : Comprehension

MATHEMATICS

- MARCH** : Basic Things
- APRIL** : Ch. 1 Number System, Ch. 3 Co-ordinate Geometry,
 Ch. 4 Linear Equations in Two Variables
- MAY** : Ch. 6 Lines and Angles, Ch. 15 Probability
My Safety Workbook : Ch. 2
- JUNE** : Ch. 5 Introduction to Euclid's Geometry
- JULY** : Ch. 2 Polynomials, Ch. 7 Triangles
- AUG.** : Ch. 12 Heron's Formula, Ch. 11 Constructions + Revision
- SEPT.** : Revision

PHYSICS

- MAR. + APRIL** : **Ch. 1 : Motion** : Physical Quantities, Concept of Rest and Motion, Scalar and Vector Quantities, Distance and Displacement, Speed and Velocity
- MAY** : **Ch. 1 : Motion** : Acceleration and Retardation, Uniform and Non-uniform Motion, Displacement-Time, Velocity-Time and Acceleration-Time Graphs, Equations of Motion
- JUNE & JULY** : **Ch. 1 : Motion** : Derivation of Equations of Motion from Graph, Uniform Circular Motion + Revision
Ch. 2 : Force & Newton's Laws of Motion : Motion and Force, Types of Force, Inertia and Its Types, Newton's First Law
- AUG. + SEPT.** : **Ch. 2 : Force & Newton's Laws of Motion** : Momentum, Newton's Second and Third Law, Law of Conservation of Momentum + Revision

CHEMISTRY

- MARCH** : Discussion of the Fundamental Concept
- APRIL** : **Ch. 1 : Matter In Our Surroundings** : Introduction, States of Matter, Physical Nature of Matter, Characteristics of Particles of Matter, Can Matter Change its State? Unit of Temperature, Latent Heat, Sublimation, Evaporation Two More States of Matter, Plasma and Bose Einstein Condensation
Practical 1 : Determination of the melting point of ice and boiling point of water.

- DEC.** : **Ch. 3 : (to be continued)** : Mole Concept, Gram Atomic Mass, Gram Molecular Mass, Molar Mass, Numericals based on Mole Concept
Ch. 4 : Structure of Atom : Charged Particles in Matter, Discovery of Electrons, Protons and Neutrons
Practical 5 : To verify law of conservation of mass in a chemical reaction. + MCQ
- JAN.** : **Ch. 4 : (to be contd.)** : Thomson's Model of an Atom, Rutherford Model of an Atom, Atomic Number, Mass Number, Symbol, Electronic Configuration Valence Electrons, Valency, Isotopes, Isobars + Revision
- FEB.** : Revision

BIOLOGY

- SEPT.** : **Ch.** : Why do we fall ill? (Introduction)
- OCT.** : **Ch.** : Why do we fall ill? (contd.)
- NOV.** : **Ch.** : Natural Resources + Revision
- DEC.** : Revision + **Ch.** : Improvement in Food Resources
- JAN.** : **Ch.** : Improvement in Food Resources (contd.)
- FEB.** : Revision

COMPUTER SCIENCE

- SEPT.** : Operating System
- OCT.** : Linux Operating System, Looping Statements in 'C' ('for' loop)
- NOV.** : Linux Commands, Linux Files and Directories, Linux Office
- DEC.** : Linux Office and Revision, Looping Statements in 'C' ('while' loop),
- JAN.** : Looping Statements in 'C' ('do while' loop), Introduction to 1D Arrays, Array Programming
- FEB.** : Revision for Annual Examination

SOCIAL SCIENCE

- SEPT.** : **Geo.** : Ch. 4 Climate (contd.)
- OCT.** : **Geo.** : Ch. 4 Climate
History : Ch. 4 Forest Society and Colonialism
Eco. : Ch. 3 Poverty as Challenge
- NOV.** : **Geo.** : Ch. 5 Natural Vegetation and Wildlife
Eco. : Ch. 4 Food Security in India
Civics : Ch. 3 Electoral Politics
My Safety Workbook : Ch. 9
- DEC.** : **Revision for MCQ**
History : Ch. 5 Pastoralists in the Modern World
- JAN.** : **History** : Ch. 7 History and Sport : The Story of Cricket
Civics : Ch. 4 Working of Institution, Ch. 5 Democratic Rights
Geo. : Ch. 6 Population

MATHEMATICS

- SEPT.** : Ch. 14 Statistics,
My Safety Workbook : Ch. 7
- OCT.** : Ch. 14 Statistics (contd.),
Ch. 8 Quadrilaterals
- NOV.** : Ch. 9 Areas of Parallelogram and Triangles, Ch. 10 Circles + Revision
- DEC.** : Revision + Ch. 13 Surface Areas & Volumes
- JAN.** : Ch. 13 Surface Areas & Volumes,
My Safety Workbook : Ch. 14
Revision
- FEB.** : Revision

PHYSICS

- SEPT. + OCT.:** **Ch. 3 : Gravitation** : Newton's Law of Gravitation, Gravitational Force of Earth, Mass & Weight, Free Fall, Upthrust and Archimedes' Principle, Relative Density and Measurement
My Safety Workbook : Ch. 8
- NOV. + DEC.:** **Ch. 3 : Gravitation** : Equations of Motion Under Gravity
Pressure, Pressure in Fluids, Buoyant Force, Floation & Relevant Laws
Practical : 1. To determine density of solid by using spring balance and measuring cylinder volume.
2. Verification of Archimedes Principle.
Revision
- DEC. + JAN. :** **Ch. 4 : Work, Power & Energy** : Work, Concept of Energy, Kinetic Energy & Potential Energy, Practical Uses of Transformation of Energy, Conservation of Energy, Power and It's Unit
Ch. 5 : Sound : Sound, Nature of Sound, Propagation of Sound in different Media, Types of Waves, Pitch, Velocity of Sound, Range of Sound, Reflection of Sound Waves, Some Uses of Reflection of Sound, Structure of Human Ear, Revision
Practical : 1. Verification of laws of reflection of sound.
2. Speed determination of a pulse through a string.
- FEB.** : Revision

CHEMISTRY

- SEPT.** : **Ch. 3 : Atoms & Molecules** : Symbols of Elements
- OCT.** : **Ch. 3 : (to be continued)** : Atomic Mass of an Element, How Do Atoms Exist? Molecules, Chemical Formulae and Molecular Mass
- NOV.** : **Ch. 3 : (to be continued)** : Ions, Ionic Compounds, Formula Unit Mass + Revision for MCQ

- MAY** : **Ch. 2 : Is Matter Around Us Pure** : Pure and Impure Substances, Types of Mixtures, Gaseous Solution, Liquid Solution, Solid Solution, Concentration, Properties of Solution, Concentration of Solution
Practical 2 : To prepare - a. A mixture, b. A compound using iron filings and sulphur powder and distinguish between these on the basis of (i) appearance (ii) behaviour towards magnet (iii) behaviour towards Carbon Disulphide as a solvent (iv) effect of heat.
- JUNE** : **Revision**
- JULY** : **Ch. 2 : (to be continued)** : Unsaturated and Saturated Solubility, Suspension and Colloidal Solution, Separating the Component of a Mixture.
Practical 3 : Separation of the components of mixture of sand, common salt and Ammonium Chloride by sublimation
- AUG.** : **Ch. 2 : (to be continued)** : Physical and Chemical Changes
Practical 4 : Preparation of (A) True solution of common salt, sugar and alum (B) Suspension of soil, chalk powder and fine sand in water (C) Colloidal solution of starch in water and egg albumin/milk in water and distinguish between them on the basis of (i) transparency (ii) filtration criterion and stability.
Ch. 3 : Atoms and Molecules : Law of Chemical Combination, Daltons Atomic Theory
- SEPT.** : Revision + Half Yearly Examination

BIOLOGY

- MARCH** : **Ch. 5** : The Fundamental Unit of Life (Introduction)
- APRIL** : **Ch. 5** : The Fundamental Unit of Life (contd.)
Practical 1 : To prepare stained temporary mount of (a) onion peel, (b) human cheek cell, and record observation and draw labelled diagrams.
- MAY** : **Ch. 6** : Tissue - Plant Tissues
- JUNE** : Revision
- JULY** : Revision + **Ch. 6** : Tissue - Animal Tissues
- AUG.** : **Ch. 7** : Diversity in Living Organisms
- SEPT.** : Revision

COMPUTER SCIENCE

- MARCH** : Introduction to Computers
- APRIL** : Introduction to Computers (contd.), Number System, Programming Techniques
- MAY** : Introduction to 'C' Programming
- JUNE** : Input and Output Statements in 'C' and Revision
- JULY** : Components of Computer System, Branching and Jumping Statements

- AUG.** : Computer Networks, Application Areas of Computer System,
Revision for Half Yearly Examination
- SEPT.** : Revision

SOCIAL SCIENCE

- MAR. + APR.** : **History:** Ch. 1 The French Revolution
Ch. 2 Socialism in Europe and Russian Revolution (contd.)
Geo. : Ch. 1 India : Size and Location
- MAY** : **History:** Ch. 2 Socialism in Europe and Russian Revolution
Eco. : Ch. 1 The Story of Village Palampur
- JUNE** : **History:** Ch. 3 Nazism and The Rise of Hitler (contd.)
- JULY** : **History:** Ch. 3 Nazism and The Rise of Hitler
Civics : Ch. 1 What is Democracy? Why Democracy?
My Safety Workbook: Ch. 4
Geo. : Ch. 2 Physical Features of India
- AUG.** : **Civics** : Ch. 2 Constitutional Design
Geo. : Ch. 3 Drainage
Eco. : Ch. 2 People as Resource
- SEPT.** : Revision + Map Work

COMMERCE

- MARCH:** Introduction
- APRIL** : Double Entry System, Journal
- MAY** : Ledger
- JUNE** : Trial Balance
- JULY** : Business Office, History of Money, Meaning and Definition of Economics
- AUG.** : Cash Book + Revision

MORAL, YOGA, SPORTS AND PHYSICAL EDUCATION

- MARCH:** Introduction
- APRIL** : Moral Education - Duty Towards Self, Family, Society, Country and Humanity
- MAY** : Introduction, Yoga Education and Yoga, Physical Education
- JUNE** : Scope of Physical Education
- JULY** : Physical Education - Growth and Development
- AUG.** : Health + Revision
- SEPT.** : Revision

ANNUAL EXAMINATION

HINDI

- SEPT.** : काव्य साहित्य का इतिहास – भक्तिकाल
गद्य साहित्य का इतिहास – द्विवेदी युग
- OCT.** : गद्य संकलन – गिल्लू
काव्य संकलन – जयशंकर प्रसाद, सूर्यकान्त त्रिपाठी 'निराला'
- NOV.** : रंगभारती – लक्ष्मी का स्वागत, सीमा-रेखा
संस्कृत परिचयिका – सुभाषितानि
शब्द रूप – भानु, अस्मद्
धातु रूप – कृ
गद्य संकलन – स्मृति
काव्य संकलन – सोहनलाल द्विवेदी
- DEC.** : पुनरावृत्ति (MCQ)
गद्य संकलन – निष्ठामूर्ति कस्तूरबा, तोता
- JAN.** : संस्कृत परिचयिका – परमहंस: रामकृष्णः, कृष्णः गोपालनन्दनः
गद्य संकलन – ठेले पर हिमालय
काव्य संकलन – हरिवंश राय बच्चन, नागार्जुन, केदारनाथ अग्रवाल,
शिवमंगल सिंह 'सुमन'
- FEB.** : पुनरावृत्ति

ENGLISH

- SEPT.** : **Language** : Translation
- OCT.** : **Beehive** : Ch. 7 Packing, Ch. 8 Reach for the Top (I & II)
Poem : No Men Are Foreign
Moments : Ch. 6 Weathering the Storm in Ersama, Ch. 7 The Last Leaf
- NOV.** : **Beehive** : Ch. 9 The Bond of Love
Poem : The Duck and The Kangaroo, On Killing A Tree
Moments : Ch. 8 A House Is Not A Home
- DEC.** : **Safety Workbook** : Ch. 11 Scared
Moments : Ch. 9 The Accidental Tourist
Poem : The Snake Trying
- JAN.** : **Beehive** : Ch. 10 Kathmandu, Ch. 11 If I Were You
Poem : A Slumber Did My Spirit Seal
Moments : Ch. 10 The Beggar
Language : Conjunctions, Prepositions, Punctuation
- FEB.** : **Language** : Report Writing + Revision