

JAN. : Ch. 4 Structure of the Atom : 4.3-Electronic Configuration, 4.4-Valency, 4.5-Atomic Number, Mass Numbers, 4.6-Isotopes and Isobars and Activity 4.2

FEB. : Revision

BIOLOGY

DEC. : Ch. 3 Improvement in Food Resources

JAN. : Ch. 6 Improvement in Food Resources

FEB. : Revision

SOCIAL SCIENCE

DEC. : **History** : Ch. 4 Forest Society and Colonialism (to be contd.)

Eco. : Ch. 4 Food Security in India (to be contd.)

JAN. : **History** : Ch. 4 Forest Society and Colonialism

Ch. 5 Pastoralists in the Modern World

Eco. : Ch. 4 Food Security in India

Civics : Ch. 5 Democratic Rights

FEB. : **Revision and Mapwork from the Map Practice**

LIFE SKILLS/ MORAL SCIENCE

DEC.+JAN. : Ls. 24 Child Rights, Ls. 25 A Child In Conflict With the Law, Ls. 26 Triple Filter Test

FEB. : Ls. 27 What is Self-Defence?

ARTIFICIAL INTELLIGENCE

DEC. : Part B - 3. Introduction to Neural Networks + Part A - 1. Communication Skills - 1

JAN. : Part A - 1. Communication Skills - 1 (contd.)

FEB. : Revision

VISUAL ART

DEC. : Pg. No. 45 (Quick Sketches)

JAN. : Pg. No. 65 (Water Colour Landscape)

Pg. No. 62 (Water Colour Birds)

FEB. : Revision work as well as test

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Art Integrated projects shall be taken up as and when prescribed by CBSE.

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



COURSE FOR CLASS IX (CBSE) : 2024-25

I PERIODIC TEST

HINDI

MARCH : गद्य खण्ड - दो बैलों की कथा (to be continued)

APRIL : गद्य खण्ड - दो बैलों की कथा, ल्हासा की ओर

काव्य खण्ड - साखियाँ एवं सबद - 1, 2

MAY : व्याकरण - उपसर्ग, प्रत्यय, समास, पत्र लेखन, अपठित गद्यांश, पद्यांश

परियोजना कार्य - ग्राम श्री का प्रकृति-चित्रण

JUNE : श्रवणवाचन गतिविधि एवं आन्तरिक मूल्यांकन। पुनरावृत्ति।

JULY : पुनरावृत्ति।

ENGLISH

MARCH : **Language** : Modals

APRIL : **Literature** : Ch. 1 The Fun They Had, Ch. 2 The Sound of Music

P-1 The Road Not Taken

Supplementary Reader : Ch. 1 The Lost Child,

Ch. 2 The Adventures of Toto

Language : Determiners

Reading Passages

MAY : **Literature** : Ch. 3 The Little Girl

P-2 Wind

Language : Subject-Verb Agreement

Diary Entry

JUNE + JULY : **Language** : Reordering

Activity : ALS (Speech)

Revision

MATHEMATICS

MARCH : Ch. 1 Number System

APRIL : Ch. 1 Number System (contd.), Ch. 3 Coordinate Geometry,

Ch. 4 Linear Equations in Two Variables, **Lab activity** : 1, 2, 11, 13

MAY : Ch. 4 Linear Equations in Two Variables (contd.), Ch. 6 Lines and Angles

Lab activity: 12

JUNE + JULY : **Revision**

PHYSICS

MARCH : **Theory** : Distance and Displacement

APRIL : **Theory** : Velocity, Uniform and Non-uniform Motion along a straight line, Acceleration, Distance-Time and Velocity-Time graphs for uniform motion and uniformly accelerated motion

MAY : **Theory** : Elementary Idea of uniform circular motion + Revision Test

JUNE : **Revision**

CHEMISTRY

- MARCH** : Ch. 1. Matter in our Surroundings (Introduction) (to be continued)
NCERT Activity 1.1
- APRIL** : Ch. 1. Matter in our Surroundings
NCERT Article 1.1 Physical Nature of Matter and 1.2 Characteristics of Matter - Particles of matter have space between them.
1.2 Characteristics of matter, NCERT Activities (1.2 to 1.8)
1.3 States of Matter, NCERT Activities (1.9 to 1.11),
1.4 Change of State, Effect of Change of Pressure (to be continued)
- MAY** : Ch. 1 Matter In Our Surroundings
1.5 Evaporation, Factors Affecting Evaporation and Evaporation Causes Cooling
Activity - Determination of the melting point of ice and the boiling point of water.
- JUNE + JULY** : Revision

BIOLOGY

- MARCH** : **Ch. 1. The Fundamental Unit of Life** (Introduction)
- APRIL** : **Ch. 1. The Fundamental Unit of Life** - Cell, Cell-Organelles and Types of Cell
Practical : 1. To prepare stained temporary mount of (a) onion peel (b) Human cheek cell to record observation and draw their labelled diagrams.
- MAY** : Cell Division, Osmosis and Diffusion
- JUNE + JULY** : Revision

SOCIAL SCIENCE

- MARCH** : **Civics** : Ch. 1. What is Democracy? Why Democracy? (to be contd.)
Geo. : Ch. 1. India - Size and Location (to be contd.)
- APRIL** : **Civics** : Ch. 1. What is Democracy? Why Democracy?
Geo. : Ch. 1. India - Size and Location
History : Ch. 1. The French Revolution
Eco. : Ch. 1. The Story of Village Palampur
- MAY** : **Civics** : Ch. 2. Constitutional Design
Eco. : Ch. 2. People as a Resource
- JUNE** : **Revision and Project work**
Project : Disaster Management
- JULY** : **Revision and mapwork from the Map Practice.**

LIFE SKILLS/MORAL SCIENCE

- MAR. + APRIL** : Ls. 1 Say Hello!, Ls. 5 To Sir, with Love
- MAY** : Ls. 6 In Pursuit of Happiness
- JUNE + JULY** : Ls. 7 Secrets
- Chapters for self reading during Summer Vacation** : Ls. 3 It Feels Good to Be Me, Ls. 4 Pay Attention to Your Feelings, Ls. 9 It IS Okay to Be Scared, Ls. 12 Sometimes Saying No Is Important

ANNUAL EXAMINATION

(Full Course is included)

HINDI

- DEC.** : **व्याकरण** - लघु-कथा लेखन, **काव्यखण्ड** - सवैये
- JAN.** : **काव्य खण्ड** - ग्राम श्री, **गद्य खण्ड** - मेरे बचपन के दिन
व्याकरण - ई0मेल लेखन
- FEB.** : **व्याकरण** - अनुच्छेद लेखन, सूचना लेखन, पुनरावृत्ति, वाचन व श्रवण गतिविधि।

ENGLISH

- DEC.** : **Literature** : P-7 On Killing A Tree
Language : Preposition
Activity : Survey
- JAN.** : **Literature** : Ch. 9 If I Were You, Ch. 8. Kathmandu
P-8 A Slumber Did My Spirit Seal
Supplementary Reader: Ch. 7 A House Is Not a Home
Ch. 8 The Beggar,
Language : Reading Passages, Integrated Grammar, Revision
- FEB.** : Revision

MATHEMATICS

- DEC.** : Ch. 5 Introduction to Euclid's Geometry
Ch. 11 Surface Areas and Volumes
- JAN.** : Ch. 13 Surface Areas and Volumes (contd.),
Lab Activity : 31, 32, 33+ Revision
- FEB.** : Revision

PHYSICS

- DEC.** : **Theory** : Energy, Kinetic and Potential Energy, Law of conservation of energy, Power
- JAN.** : **Theory** : Nature of sound and its propagation in various media (Waves and characteristics), Speed and characteristics of sound, Range of hearing in humans, ultrasound, Reflection of sound, Echo and SONAR, Structure of the Human Ear (Auditory aspect only) + Revision
Practical (Oral) : Verification of laws of reflection of sound,
Practical (Oral) : Determination of the speed of a pulse propagated through a stretched string/slinky (Helical Spring).
- FEB.** : **Revision**

CHEMISTRY

- DEC.** : Ch. 4 Structure of the Atom (Introduction) : 4.1-Charged Particles in Matter, Properties of Electrons, Protons and Neutrons, NCERT Activity 4.1 (to be continued)

CHEMISTRY

OCT. : Ch. 3 Atoms and Molecules : 3.1-Law of Chemical Combination, 3.2-Atom, 3.2.1-Symbols, 3.2.2-Atomic Mass, 3.3-Molecule, 3.3.1-Molecule of Elements and 3.3.2 Molecule of Compounds (to be continued)

NOV. + Dec.: Ch. 3. Atoms and Molecules : 3.3.3-Ion, 3.4-Chemical Formulae, 3.5-Molecular Mass + Activity + Revision

BIOLOGY

OCT. : Ch. 2 **Tissues** : Animal Tissue (continue)

NOV. : Ch. 2 **Tissues** : Animal Tissue

Practical : 2. To study and identify Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth, cardiac muscle fibres and nerve cells in animals from prepared slides and draw their labelled diagrams.

DEC. : Revision

SOCIAL SCIENCE

OCT. : **Civics** : Ch. 4 Working of Institutions

Geo. : Ch. 5 Natural Vegetation and Wildlife, Ch. 6 Population (to be contd.)

History : Ch. 3 Nazism and the Rise of Hitler (to be contd.)

NOV. : **History** : Ch. 3 Nazism and the Rise of Hitler

Geo. : Ch. 6 Population

Eco. : Ch. 3 Poverty as a Challenge

DEC. : **Revision and Mapwork from the Map Practice**

LIFE SKILLS/MORAL SCIENCE

OCT. : Ls. 15 Cyber Bullying, Ls. 16 Open Sesame

NOV. + DEC.: Ls. 21 The Two Boxes, Ls. 22 Moral Compass

Chapters for self reading during Winter Vacation : Ls. 20 A Friend In Need Is A Friend Indeed, Ls. 28 The Good Samaritans

ARTIFICIAL INTELLIGENCE

OCT. : Part B 1. Introduction to AI

NOV. : Part B 2. AI Project Cycle

DEC. : Revision

VISUAL ART

SEPT. : Pg. No. 32 (Drawing Human Figures)

OCT. : Canvas Painting / Diy Art Work

NOV. : Canvas Painting / Diy Art Work

DEC. : Canvas Painting / Diy Art Work & Test

ARTIFICIAL INTELLIGENCE

MARCH : Part A - 3. Basic ICT Skills - 1

APRIL : Part A - 3. Basic ICT Skills - 1 (contd.)

MAY : Part A - 2. Self Management Skills - 1 + Part A - 4. Entrepreneurial Skills - 1

JUNE : Part A - 4. Entrepreneurial Skills - 1 (contd.) + Revision

VISUAL ART

MARCH : Pg. No. 7 (Perspective)

APRIL : Pg. No. 28 or 29 (Landscape) + Any Indian Folk Art (Full size paper)

MAY : Pg. No. 16 (Fruit Composition), Pg. No. 20 (Bird)

JUNE : Pg. No. 19 (Flower)

JULY : Revision

II PERIODIC TEST

(Course of I Periodic is also included)

HINDI

JULY : काव्य खण्ड - वाख

गद्य खण्ड - उपभोक्तावाद की संस्कृति

व्याकरण - अर्थ के आधार पर वाक्य भेद (to be continued)

AUG. : काव्य खण्ड - मेघ आए

कृतिका - इस जल प्रलय में

व्याकरण - अलंकार : अनुप्रास, यमक, उपमा, रूपक। मौखिक/लिखित गतिविधि, अर्थ के आधार पर वाक्य भेद।

SEPT.. : पुनरावृत्ति।

ENGLISH

JULY : **Literature** : Ch. 4 A Truly Beautiful Mind
P-3 Rain on the Roof

Supplementary Reader : Ch. 3. Iswaran The Story Teller

Language : Reading Passages

AUG. : **Language** : Tenses, Descriptive Paragraph (Person/Event)

Supplementary Reader : Ch. 4 : In The Kingdom of Fools
Ch. 5. The Happy Prince

Literature : P-4 The Lake Isle of Innisfree

SEPT. : **Activity** : Podcast
Revision

MATHEMATICS

JULY : Ch. 7 Triangles

AUG. : Ch. 7 Triangles (contd.), Ch. 10 Heron's Formula, Ch. 12 Statistics

Lab activity - 15, 34

SEPT. : **Revision**

PHYSICS

- JULY** : **Theory** : Force and types of force, Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration, Elementary idea of conservation of momentum.
- AUG.** : **Theory** : Gravitation : Universal Law of Gravitation, Force of Gravitation of Earth (Gravity), Acceleration due to gravity, Mass and Weight
- SEPT.** : **Theory** : Free Fall, Revision Test, Revision

CHEMISTRY

- JULY** : **Ch. 2 Is Matter Around Us Pure?** (Introduction) 2.1 Mixtures, Types of Mixtures, NCERT Activities (2.1 - 2.2) 2.2 Solution, Properties of Solution (to be continued)
- AUG.** : **Ch. 2 Is Matter Around Us Pure?** : 2.2.1-Concentration of a Solution, Numerical based on M/M % and V/V%, 2.2.2-Suspensions, 2.2.3-Colloidal Solution, 2.3-Physical and Chemical Changes, 2.4-Types of Pure Substances, NCERT Activity 2.3 and 2.10
- SEPT.** : **Activity** : (a) A true solution of common salt, sugar and alum. (b) A suspension of soil, chalk powder and fine sand in water. + Revision

BIOLOGY

- JULY** : **Ch. 2 Tissues** : Introduction
- AUG.** : **Ch. 2 Tissues** : Plant Tissue
- SEPT.** : Revision

SOCIAL SCIENCE

- JULY** : **History** : Ch. 2. Socialism in Europe and the Russian Revolution (to be contd.)
- Geo.** : Ch. 2. Physical Features of India (to be contd.)
- AUG.** : **History** : Ch. 2. Socialism in Europe and the Russian Revolution
- Geo.** : Ch. 2. Physical Features of India, Ch. 3. Drainage, Ch. 4. Climate
- Civics** : Ch. 3. Electoral Politics
- SEPT.** : Revision and Mapwork from Map Practice

LIFE SKILLS/MORAL SCIENCE

- JULY + AUG.** : Ls. 10 Men are From Mars, Women Are From Venus, Ls. 11 Comedy of Genders, Ls. 13 Right Body Language
- SEPT.** : Ls. 14 Bullying Is a Bane

ARTIFICIAL INTELLIGENCE

- JULY** : Part B 4. Introduction of Python
- AUG.** : Part B 4. Introduction of Python (contd.)
- SEPT.** : Part A 5. Green Skills - 1

VISUAL ART

- JULY** : Pg. No. 27 (Still Life Study)
- AUG.** : Pg. No. 55 (Landscape in Pastel Colour), Different forms of Tie and Dye

III PERIODIC TEST / MCQ EXAMINATION

(Course till November month will be included in MCQ Examination.)

HINDI

- OCT.** : **गद्य खण्ड** - साँवले सपनों की याद
काव्य खण्ड - कैदी और कोकिला
कृतिका - मेरे संग की औरतें
- NOV.** : **गद्य खण्ड** - प्रेमचन्द के फटे जूते
काव्य खण्ड - बच्चे काम पर जा रहे हैं
कृतिका - रीढ़ की हड्डी
व्याकरण - संवाद—लेखन, मौखिक / लिखित गतिविधि
- DEC.** : पुनरावृत्ति।

ENGLISH

- OCT.** : **Language** : Reported Speech, Reading Passages
Literature : P-5 A Legend of the Northland
Ch. 5 The Snake and the Mirror
Ch. 7 Reach For The Top
- NOV.+ DEC.:** **Literature** : P-6 No Men Are Foreign
Ch. 6 My Childhood
Supplementary : Ch. 6 The Last Leaf
Language : Story Writing, Voice
Activity : Listening, Revision

MATHEMATICS

- OCT.** : Ch. 2 Polynomials, Ch. 8 Quadrilaterals
Lab activity : 3, 4, 5, 6, 7, 8, 9, 10
- NOV.** : Ch. 8 Quadrilaterals (contd.), Ch. 9 Circle,
Lab activity : 17, 18, 19, 23, 24, 25, 26, 27 + Revision
- DEC.** : Revision

PHYSICS

- OCT.** : **Theory** : Thrust and Pressure, Archimedes' Principle, Buoyancy (Floatation not included), Density, Relative Density
Practical 1 : Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.
Practical 2 : Establishing the relation between the loss in weight of solid when fully immersed in (a) tap water (b) strongly salty water with the weight of water displaced by it by taking at least two different solids.
- NOV.** : **Theory** : Work Done by a Force, Different cases of work done,
Revision