

NOV. : Ch. 4. How do organism Reproduce? Ch.5 . Heredity and Evolution,
Practical : 4. Identification of the different parts of an embryo of a dicot seed (pea, gram or red kidney bean)

DEC. : **Revision**

SOCIAL SCIENCE

OCT : **History** : Ch. 7. Print Culture and the Modern World

Civics : Ch. 6. Political Parties

Geography: Ch. 6. Manufacturing Industries

Economics: Ch. 3. Money and Credit

NOV. : **History** : Ch. 3. The Making of a Global World (sub topics 1 to 1.3 only)

Civics : Ch. 7. Outcomes of Democracy,

Geography: Ch. 7. Lifelines of National Economy (only map work)

DEC. : **Revision and Map work**

ARTIFICIAL INTELLIGENCE (417)

OCT. : Part B- Unit VI Computer Vision +Unit VI Natural Language Processing

NOV. : Part B- Unit VI (contd...) Part A - IV Entrepreneurial Skills

DEC. : **Revision**

JAN. : **Revision**

FEB. : **Revision**

VISUAL ART

OCT : Pg. 70 : Modern Painting -II , Art work of plaster of paris/ canvas painting/Diy art work

NOV. : Art work of plaster of paris/ canvas painting/Diy art work

DEC. : Art work of plaster of paris/ canvas painting/Diy art work, Revision

JAN. : Revision

FEB. : Final Portolio

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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 X (CBSE) : 2025-26

I PERIODIC TEST

HINDI

MARCH: **क्षितिज** : गद्य खण्ड- नेताजी का चश्मा

APRIL : **क्षितिज** : काव्य खण्ड- सूर के पद

गद्य खण्ड- लखनवी अंदाज

व्याकरण: वाच्य, अलंकार (अर्थालंकार-उपमा, रूपक, उत्प्रेक्षा, अतिशयोक्ति, मानवीकरण)

MAY : **क्षितिज** : काव्य खण्ड- आत्मकथ्य

कृतिका - माता का अंचल

व्याकरण: वाक्य-भेद (रचना के आधार पर), अपठित गद्यांश व पद्यांश

JUNE : **क्षितिज** : काव्य खण्ड- संगतकार, आन्तरिक मूल्यांकन तथा परियोजना कार्य निर्धारित विषय के आधार पर उत्तर प्रदेश और अरुणाचल प्रदेश के तुलनात्मक अध्ययन पर फाइल)

JULY : पुनरावृत्ति

ENGLISH

MARCH: **Literature** : **Prose** : Ch. 1. A Letter To God

Language : Integrated Grammar

APRIL : **Literature** : **Prose** : Ch. 2. Nelson Mandela : Long Walk to freedom

Poem : Dust of Snow, Fire and Ice

Supplementary Reader : Ch. 1. A Triumph of Surgery

Ch. 2. The Thief's Story

Language : Letter To Editor, Integrated Grammar Exercises, Reading Comprehension

MAY : **Literature** : **Prose** : Ch. 3. Two Stories About Flying

Poem : A Tiger in the zoo

Supplementary Reader : Ch. 3. The Mid-Night Visitor

Language : Integrated Grammar Exercises

& JUNE+JULY: **Literature** : **Poem** : From the diary of Anne frank

Activity: Social or political Review+ Revision

LIFE SKILLS

MARCH+APRIL: Ch. 1. Goal Setting

MAY : Ch. 2. Time Management

JUNE+JULY : Ch. 3. Ch. 3. Etiquette

MATHEMATICS

MARCH: Ch. 1. Real Numbers (contd....)

APRIL : Ch. 1. Real Numbers, Ch. 2. Polynomials,

Ch. 7. Coordinate Geometry, Ch. 14. Probability,

Ch. 3. Pair of Linear Equations in Two Variables (contd.)

Lab Activity : 2, 3, 31, 32

- MAY** : Ch. 3. Pair of Linear Equations in Two Variables
Ch. 13. Statistics, **Lab Activity** : 9, 10
- JUNE** : **Revision of I-Periodic Test**
- JULY** : **Revision**

PHYSICS

- MARCH** : Reflection of light by curved surfaces
- APRIL** : **Theory**: Images formed by spherical mirrors, Centre of curvature, Principal axis, Principal focus, focal length, mirror formula (Derivation not required), magnification. Refraction; Laws of refraction, refractive index.
Practical-1. Determination of the focal length of: (i) Concave mirror (ii) Convex lens by obtaining the image of a distant object
- MAY** : **Theory**: Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required);
Practical- 2: 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
- JUNE** : **Theory**: Applications of spherical mirrors and lenses, Magnification, Power of a lens.
Practical 3: Finding the image distance for varying object distances in case of a convex lens and drawing corresponding ray diagrams to show the nature of image formed, Revision Test
- JULY** : **Revision**

CHEMISTRY

- MARCH** : **Ch.1. Chemical reactions and Equations** (Introduction): Chemical reactions and its characteristics + NCERT Activity 1.1-1.3 (to be contd...)
- APRIL** : **Ch.1. Chemical reactions and Equations** : Chemical equation. Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination decomposition, displacement, double displacement, precipitation, endothermic & exothermic reactions, oxidation and reduction.
Practical 1. Performing and observing the following reactions and classifying them into:
- Combination reaction
 - Decomposition reaction
 - Displacement reaction
 - Double displacement reaction
 - o Action of water on quicklime
 - o Action of heat on ferrous sulphate crystals
 - o Iron nails kept in copper sulphate solution
- Reaction between sodium sulphate and barium chloride solution
+Revision Test

MATHEMATICS

- OCT.** : Ch. 4. Quadratic Equations, Ch. 5. Arithmetic Progressions
Ch. 10 Circles, **Lab Activity** : 4, 5, 6, 15
- NOV.** : Ch. 10 Circles (contd.) Ch. 12. Surface Area and Volumes
Lab Activity : 19, 20, 21, 22, 23, 24, 25 +Revision
- DEC.** : **Revision+Lab Activity** : 28, 29

PHYSICS

- OCT.** : **Theory**: Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R.
Magnetic field, field lines, field due to a current carrying conductor, field due to a current carrying coil or solenoid.
- NOV** : **Theory**: Force on a current carrying conductor, Fleming's Left Hand Rule, Direct current, Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.
- DEC.** : **Revision of annual syllabus and I Pre Board Examination**
- JAN** : **Revision and II Pre Board Examination**
- FEB.** : **Revision**

CHEMISTRY

- OCT.** : **Ch-4 Carbon and its compounds**: Covalent bonding in carbon compounds. Versatile nature of carbon, Homologous series, Nomenclature of carbon compounds containing functional groups (haloalkanes, alcohol, ketones, carboxylic acids, aldehydes, alkenes and alkynes), difference between saturated hydrocarbons and unsaturated hydrocarbons (to be contd...)
- NOV.** : **Ch-4 Carbon and its compounds**: Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid, soaps and detergents
Practical- 4 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
Practical- 5 Study of the comparative cleaning capacity of a sample of soap in soft water & hard water.
- DEC.** : **Revision, I Pre-Board 4th Dec. to 17th Dec.**
- JAN** : **Revision, II Pre-Board 12th Jan to 24th Jan.**
- Feb** : **Revision**

BIOLOGY

- OCT.** : **Ch. 3. Our Environment**
Ch. 4. How do organism Reproduce?
Practical : 3. Studying: (a) Binary fission in Amoeba and (b) Budding in Yeast and Hydra with the help of prepared slides

- Civics** : Ch. 4. Gender, Religion and Caste
Geography : Ch. 5. Mineral and Energy Resources
Economics : Ch. 4. Globalisation and the Indian Economy
- SEPT.** : **Revision and Map Work**
- ARTIFICIAL INTELLIGENCE (417)**
- JULY.** : Part B- Unit IV Statistical Data
AUG. : Part B- Unit VII : Advance Python
SEPT : Part B- Unit III Evaluating Methods+Revision
- VISUAL ART**
- JULY** : Pg. 39 : Quick Sketches of Human Figure-III, Different form of Tie & Dye
AUG. : Pg. 44 : Pen and Ink drawing, Different form of Tie & Dye
SEPT. : Pg. 51 : Birds, Different form of Tie & Dye, Art work of Plaster of Paris

PRE BOARD EXAMINATION

(Full Course is included)

HINDI

- OCT.** : **श्रुतिज** : काव्य खण्ड – उत्साह, अट नहीं रही है
 गद्य खण्ड – नौबत खाने में इबादत
 कृतिका : साना-साना हाथ जोड़ि
- NOV.** : **श्रुतिज** : काव्य खण्ड – यह दंतुरित मुस्कान, फसल
 गद्य खण्ड – एक कहानी यह भी
 व्याकरण : पत्र लेखन, ई-मेल लेखन, स्ववृत्त लेखन
- DEC+JAN:** पुनरावृत्ति

ENGLISH

- OCT** : **Literature: Prose** : Ch. 10. The Sermon at Benaras
Poem : The Trees, Fog
Supplementary Reader : Ch. 6. The Making of a Scientist
 Ch. 7. The Necklace
Language : Reading comprehension, Integrated grammar
- NOV.** : **Literature: Prose** : Ch. 9. The Proposal
Poem : The Tale of Custard the Dragon,
 For Anne Gregory
Supplementary Reader : Ch. 8 . Bholi
 Ch. 9. The Book That Saved the Earth
Language : Analytical Paragraph, Integrated Grammar Exercises
- DEC.** : **Revision**

LIFE SKILLS

- OCT** : Ch. 7. Interpersonal Skills
NOV+DEC: Ch. 8. Self - Esteem

- MAY** : **Ch. 2. Acids, bases and salts (Introduction):** Their definitions in terms of furnishing of H and OH ions. General properties, examples and uses+**Revision Test** (to be contd...)
- JUNE** : **Ch. 2.** Concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life (to be contd...)
Practical 2. Finding the pH of the following samples by using pH paper/universal indicator. (i) Dilute Hydrochloric Acid
 (ii) Dilute NaOH solution
 (iii) Dilute Ethanoic Acid solution
 (iv) Lemon juice
 (v) Water
 (vi) Dilute Sodium Hydrogen Carbonate solution
- 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

Revision Test

- JULY** : **Revision**

BIOLOGY

- MARCH:** **Ch. 1 Life Processes** : Introduction
APRIL : **Ch. 1 Life Processes** : Nutrition and Respiration
Practical : 1. To prepare a temporary mount of leaf peel to show stomata.
- MAY** : **Ch. 1 Life Processes - Excretion**
Practical : 2. Experimentally show that carbon dioxide is given out during respiration.

- JUNE+JULY:** **Revision**

SOCIAL SCIENCE

- MARCH:** **Geography** : Ch. 1. Resources and Development (to be contd.)
Civics : Ch. 1. Power Sharing (to be contd.)
- APRIL** : **Geography** : Ch. 1. Resources and Development
Civics : Ch. 1. Power Sharing Ch. 2. Federalism (to be contd.)
History : Ch. 1. The Rise of Nationalism in Europe
Economics : Ch. 1. Development (to be contd.)
- MAY** : **Economics** : Ch. 1. Development
Civics : Ch. 2. Federalism
Geography : Ch. 2. Forest and wildlife Resources
 Ch. 3. Water Resources
- JUNE** : **Economics** : Ch. 2. Sectors of Indian Economy,
Project Work : (Consumer Awareness)
- JULY** : **Revision and Map work**

ARTIFICIAL INTELLIGENCE (417)

- MARCH :** Part A- Unit III ICT Skills
APRIL : Part A - Unit I Communication Skills +Unit II Self Management Skills
+ Unit V Green Skills
MAY : Part B- Unit I Revisiting AI Project Cycle & Ethical Framework for AI
JUNE : Part B- Unit II Advanced Concepts of Modelling in AI
Part B - Unit II (contd..) + **Revision**

VISUAL ART

- MARCH :** Pg. 16 : Fruits composition Flowers
APRIL : Pg. 18 : Birds, Any Indian Folk, Art Full size chart paper
MAY : Pg. 20 : Still Life-II, Indian Folk Art
JUNE+JULY: Indian Folk Art

II PERIODIC TEST

(Course of I Periodic Test is also included)

HINDI

- JULY :** **किसिज** : गद्य खण्ड – बालगोबिन भगत, संस्कृति
व्याकरण : पद-परिचय (contd...)
AUG. : **व्याकरण** : पद-परिचय, विज्ञापन लेखन, अनुच्छेद लेखन
किसिज : काव्य खण्ड-राम-लक्ष्मण- परशुराम संवाद
कृतिका-मैं क्यों लिखता हूँ
SEPT. : **व्याकरण** : संदेश लेखन, पुनरावृत्ति।

ENGLISH

- JULY :** **Literature** : **Poem**: How to Tell Wild Animals, The Ball
Supplementary Reader : Ch. 4. A question of Trust
Language : Letter of Order
AUG. : **Literature** : **Prose** : Ch. 5. Glimpses of India, Ch. 6. Mijbil The Otter
Ch. 7. Madam Rises the Bus
Poem : Amanda
Supplementary Reader : Ch. 5. Footprints without feet
Language : Letters of Complaint
SEPT. : **Language** : Integrated Grammar Exercises Reading comprehension
Letter of Enquiry
Activity : ALS (Speaking) Speech+ **Revision**

LIFE SKILLS

- JULY :** Ch. 4. Smoking
AUG : Ch. 5. Positive Attitude
SEPT : Ch. 6. Motivation

MATHEMATICS

- JULY :** Ch. 6. Triangles (to be contd.)
AUG. : Ch. 6. Triangles, Ch. 8. Introduction to Trigonometry

Ch. 9. Some Applications of Trigonometry

Ch. 11. Area Related to Circles

Lab Activity: 13, 16, 17, 18

SEPT. : **Revision**

PHYSICS

- JULY :** **Theory:** Functioning of a lens in Human eye, defects of vision and their corrections.
AUG : **Theory:** Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life.
Electric current, potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends.
Practical: 4. Tracing the path of the rays of light through a glass prism
5. 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
SEPT : **Theory:** Series combination of resistors, parallel combination of resistors and its applications in daily life
Practical- 6. Determination of the equivalent resistance of two resistors when connected in series and parallel
Revision + Revision Test

CHEMISTRY

- JULY :** **Ch-2 Acids, bases and salts** Preparation and uses of Sodium Hydroxide, bleaching powder, baking soda, Washing soda and Plaster of Paris.
AUG : **Ch. 3. Metals and Non-metals:** Properties of metals and non-metals. Reactivity series. Formation and properties of ionic compounds. Basic metallurgical processes. (to be contd...)
Practical.3. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions:
(i) $\text{ZnSO}_4(\text{aq})$ (ii) $\text{FeSO}_4(\text{aq})$
(iii) $\text{CuSO}_4(\text{aq})$ (iv) $\text{Al}_2(\text{SO}_4)_3(\text{aq})$
Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.
SEPT. : **Ch. 3. Corrosion and its prevention +Revision +Revision Test**

BIOLOGY

- JULY :** **Ch. 1. Life Processes** : Transportation
AUG. : Ch. 2. Control and Coordination
SEPT. : **Revision**

SOCIAL SCIENCE

- JULY :** **History** : Ch. 2. Nationalism in India
Geography: Ch. 4. Agriculture
AUG. : **History** : Ch. 5. The Age of Industrialization (Only for Periodic Test)