CHRIST SR. SEC. SCHOOL, GUNA

ACADEMIC YEAR PLAN 2026-2027

CLASS – XII

ENGLISH

Month	Content
April	1. The last lesson 2. My mother at sixty-six (poem) 3. The Third level (Supplementary reader) Writing: Notice
June	4. Lost spring 5. The Tiger King Writing: Invitations: Formal & informal
July	6. Deep Water 7. The Rattrap 8. Keeping quite(poem) 9. Journey to the end of the earth (Supplementary reader) Writing: Reply to the invitation, Letter to the Editor Letter: Application, Biodata
August	10. Indigo 11. A thing of beauty (poem) 12. The enemy (supplementary reader) Writing: Article writing Report writing Reading section: Practice based on question paper pattern
September	**Revision for Term 1 examination **ASL Term 1
	13. Poets and pancakes
October	14. A road side stand (poem) 15. On the face of it (Supplementary reader)
November	16. The Interview part I & II 17. Aunt Jennifer's Tigers (poem) 18. Going places 19. Memories of childhood I & II (Supplementary reader)
December	**Reading section revision **Short writing skills revision **Writing skill revision
January	**Revision for PT3 **Reading Section revision
February	**Revision for pre-board based on question paper pattern

हिंदी

अप्रैल	पाठ्य पुस्तक आरोह (पद्य)	पाठ–1 आत्म परिचय , एक गीत
	आरोह (गद्य)	पाठ–1 भक्तिन
	अभिव्यक्ति और माध्यम	पाठ–3 विभिन्न माध्यमों के लिए लेखन
जून+जुलाई	पूरक पुस्तक वितान–	पाठ–1 सिल्वर वैडिंग
	पाठ्य पुस्तक आरोह (गद्य)	पाठ–2 बाजार दर्शन
	आरोह (पद्य)	पाठ–2 पतंग
		पाठ–3 कविता के बहाने, बात सीधी थी पर
	अभिव्यक्ति और माध्यम	पाठ–4 पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया
पी.टी.2	परीक्षा हेतु पुनरावृति	
अगस्त	पाठ्य पुस्तक आरोह (गद्य)	पाठ–3 काले मेघा पानी दे
	आरोह (पद्य)	पाठ–4 कैमरे में बंद अपाहिज
	पूरक पुस्तक वितान	पाठ–2 जूझ
	अभिव्यक्ति और माध्यम।	पाठ–11 कैसे करें कहानी का नाट्य रूपांतरण
सितंबर	अभिव्यक्ति और माध्यम	पाठ–5 विशेष लेखन स्वरूप और प्रकार
	आरोह (पद्य)।	पाठ–5 उषा
अर्ध वार्षिक परीक्षा हेतु पुनरावृति		
अक्टूबर	पाठ्य पुस्तक आरोह (गद्य)	पाठ–4 पहलवान की ढोलक
	आरोह (पद्य)	पाठ–6 बादल राग
	पूरक पुस्तक वितान–	पाठ–3 अतीत में दबे पांव
	अभिव्यक्ति और माध्यम	पाठ–12 कैसे बनता है रेडियो नाटक
नवंबर	पाठ्य पुस्तक आरोह (गद्य)	पाठ–5 शिरीष के फूल
		पाठ–6 श्रम विभाजन एवम जातिप्रथा, मेरी कल्पना का आदर्श समाज
	आरोह (पद्य)	पाठ–7 कवितावली लक्ष्मण मूर्च्छा और राम का विलाप
		पाठ–8 रुबाइयां
	पाठ्य पुस्तक आरोह (पद्य)	पाठ–9 छोटा मेरा खेत, बगुलों के पंख
	अभिव्यक्ति और माध्यम लेखन	पाठ–13 नए और अप्रत्याशित विषयों पर

PHYSICS

Month	Chapter Number	Name of the Chapter
April	Chapter–1	Electric charges and fields
April	Chapter–2	Electrostatic Potential& Capacitance
June	Chapter–3	Current Electricity
July	Chapter–4	Moving Charges and Magnetism
July	Chapter–5	Magnetism and Matter
August	Chapter–6	Electromagnetic Induction
August	Chapter–7	Alternating Current
September	Chapter–8	Electromagnetic Waves
September	Chapter–11	Dual Nature of Radiation and Matter
October	Chapter–12	Atoms
October	Chapter–13	Nuclei
November	Chapter–9	Ray Optics and Optical Instruments
November	Chapter–10	Wave Optics
November	Chapter–14	Semiconductor Electronics.

1st Periodic Test Syllabus (July)

Chapter–1: Electric charges and fields
Chapter–2: Electrostatic Potential& Capacitance

Term-1 Exam Syllabus (September)

Chapter–1: Electric charges and fields
Chapter–2: Electrostatic Potential& Capacitance
Chapter–3: Current Electricity
Chapter–4: Moving Charges and Magnetism
Chapter–5: Magnetism and Matter
Chapter–6: Electromagnetic Induction
Chapter–7: Alternating Current

Pre-Board Exam Syllabus (December)

Chapter–1: Electric charges and fields
Chapter–2: Electrostatic Potential& Capacitance
Chapter–3: Current Electricity
Chapter–4: Moving Charges and Magnetism
Chapter–5: Magnetism and Matter
Chapter–6: Electromagnetic Induction
Chapter–7: Alternating Current
Chapter–8: Electromagnetic Waves
Chapter–9: Ray Optics and Optical Instruments
Chapter–10: Wave Optics
Chapter–11: Dual Nature of Radiation and Matter
Chapter–12: Atoms
Chapter–13: Nuclei
Chapter–14: Semiconductor Electronics

Annual Exam: Full Course

CHEMISTRY

APRIL

Unit 1 : **Solutions:** Solutions, Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, Raoult's Law, colligative properties - relative lowering of vapour pressure, elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties, abnormal molecular mass, Van't Hoff factor.

Unit 2 : **Electrochemistry:** Redox reactions, EMF of a cell, standard electrode potential, Nernst equation and its application to chemical cells, Relation between Gibbs energy change and EMF of a cell,

JUNE

Unit 2: **Electrochemistry** (Continues): conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration, Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea), dry cell-electrolytic cells and Galvanic cells, lead accumulator, fuel cells, corrosion.

JULY

Unit 3: **Chemical Kinetics:** Rate of a reaction (Average and instantaneous), factors affecting rate of reaction: concentration, temperature, catalyst; order and molecularity of a reaction, rate law and specific rate constant, integrated rate equations and half-life (only for zero and first order reactions), concept of collision theory (elementary idea, no mathematical treatment), activation energy, Arrhenius equation

Unit 4: **The d and f block Elements:** General introduction, electronic configuration, occurrence and characteristics of transition metals, general trends in

properties of the first- row transition metals – metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation, preparation and properties of K2Cr2 O7 and KMnO4.

AUGUST

Unit 4: **The d and f block Elements** . (Continuous) Lanthanoids-Electronic configuration, oxidation states, chemical reactivity and lanthanide contraction and its consequences. Actinoids- Electronic configuration, oxidation states and comparison with lanthanides.

Unit 5: **Coordination Compounds:** Coordination compounds - Introduction, l igands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds. Bonding, Werner's theory, VBT, and CFT; structure and stereoisomerism, importa nce of coordination compounds (in qualitative analysis, extraction of metals and biological system).

SEPTEMBER

Unit 6: Haloalkanes and Haloarenes:

Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution reactions.

Haloarenes : Nature of C–X bond, substitution reactions (Directive influence of halogen in mono substituted compounds only). Uses and environmental effects of - dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.

Unit 7: Alcoholes , Phenols , Ethers

Alcohols : Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only), identification of primary, secondary and tertiary alcohols, mechanism of dehydration, uses with special reference to methanol and ethanol

Phenols : Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophillic su bstitution reactions, uses of phenols

Ethers : Nomenclature, methods of preparation, physical and chemical properties, uses.

OCTOBER

Unit 8: Aldehydes, Ketones, Carboxylic Acid:

Aldehydes and Ketones : Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, uses.

Carboxylic Acids : Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.

Unit 9: Amines.:

Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary, secondary and tertiary amines

NOVEMBER

Unit 9: **Amines (continues):** Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry

Unit 10: Carbohydrates.

Carbohydrates : Classification (aldoses and ketoses), monosaccharides (glucose and fructose), D -L configuration oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen); Importance of carbohydrates.

Proteins: Elementary idea of - amino acids, peptide bond, polypeptides, proteins, structure of proteins - primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins; enzymes. Hormones.

MATHEMATICS

April:	Chapter: 1	Relation & Function
	Chapter: 2	Inverse Trigonometric Function
	Chapter: 12	Linear Programming Problem
June:	Chapter: 13	Probability
July:	Chapter: 3	Matrices
	Chapter: 4	Determinants
August:	Chapter: 5	Continuity & Differentiability
	Chapter: 6	Application of Derivatives
	Chapter: 7	Integral (Half - Indefinite Integral)
September:	Chapter: 7	Integral (Remaining Half - Definite Integral)
	Chapter: 8	Application Of Integrals
October:	Chapter: 9	Differential Equations
	Chapter: 10	Vector Algebra
November:	Chapter: 11	Three Dimensional Geometry

Students Presentation begins from 20th November onwards for Internal Assessment

PT 1:	Chapter: 1, 2, 12, 13
Term 1 Exam:	Chapter: 1, 2, 3, 4, 5, 6, 7, 8, 12, 13
PT 2:	Chapter: 9, 10, 11
Pre-Board:	Full Syllabus

BIOLOGY

April	Chapter 1	Sexual Reproduction in Flowering Plants
June	Chapter 2	Human Reproduction
July	Chapter 3	Reproductive Health
	Chapter 4	Principles of Inheritance and Variations
	Chapter 5	Molecular Basis of Inheritance
August	Chapter 6	Evolution
	Chapter 7	Human Health and Diseases
September	Chapter 8	Microbes in Human Welfare
October	Chapter 9	Biotechnology: Principles and Processes
	Chapter 10	Biotechnology and its Applications
November	Chapter 11	Organisms and Populations
	Chapter 12	Eco System
	Chapter 13	Bio diversity and Conservation

PHYSICAL EDUCATION

April:	Unit-1	Management of Sporting Events. June:
	Unit-2	Children and Women in Sports.
July:	Unit-3	Yoga as Preventive measure for Lifestyle Disease.
	Unit-4	Physical Education & Sports for CWSN. August:
	Unit-5	Sports & Nutrition.
	Unit-6	Test and Measurement in Sports. September:
	Unit-7	Physiology and Injuries in Sports. October:
	Unit-8	Biomechanics and Sports.
November:	Unit-9	Psychology and Sports.
	Unit-10	Training in Sports.

ECONOMICS

MONTH	CHAPTER NAME
APRIL	❖ Introduction To Macroeconomics
JUNE-JULY	❖ National Income And Related Aggregates ❖ Money And Banking
AUGUST	❖ Determination Of Income And Expenditure ❖ Government Budget And Economy
SEPTEMBER	❖ Balance Of Payment
OCTOBER	❖ Development Expenditure(1947-90) And Economic Reforms Since 1991
NOVEMBER	❖ Current Challenges Facing Indian Economy ❖ Development Experience Of India: A Comparison With Neighbours

BUSINESS STUDIES

April	Chapter 1	Nature and ssignificance of management
June	Chapter 2	Principles of management
	Chapter 3	Business environment
July	Chapter 4	Planning
	Chapter 5	Organizing
August	Chapter 6	Staffing
	Chapter 7	Directing
September	Chapter 8	Controlling
October	Chapter 9	Financial management
	Chapter 10	Financial market
November	Chapter 11	Marketing management
	Chapter 12	Consumer protection

ACCOUNTANCY

April (PT 1)	1. Financial statements of companies
	2. Financial statements analysis
	3. Ratio analysis (half portion)
June	Ratio analysis (remaining half portion)
	4. Comparative and Common size statements
July (PT-2)	5. Cash flow statements
	Accounting for companies:
	6. Issue and forfeiture of Shares
August	7. Issue of Debentures
	8. Fundamentals of Partnership Firm
Sept (Term-1)	9. Change in profit sharing ratio among existing partners
	10. Admission of a partner
October	11. Retirement of a partner
	12. Death of a partner
November	Dissolution of Partnership Firm

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