

Year Plan for Grade XI (2024-25)

Subject – English

Prescribed Books:

Hornbill (NCERT)

Snapshots (NCERT)

MONTH	CHAPTERS	TOPICS
April	Hornbill Chapter-1 Snapshots Chapter-1 Poem-1 Writing Skill Reading Skill Grammar	The Portrait of a Lady The Summer of the Beautiful White Horse A Photograph Advertisements Comprehension Passages Tenses (Gap Filling)
May	Hornbill Chapter-2 Snapshots Chapter-2 Poem-2 Periodic Test- I	We're Not Afraid to Die... if we can be together The Address Laburnum Top Syllabus: Chapter-1 (Hornbill), Chapter-1 (Snapshots), Poem- 1, Comprehension Passage, Advertisement, Gap Filling
July	Hornbill Chapter-3 Snapshots Chapter-5 Poem-3 Writing skill Reading Skill Grammar	Discovering Tut Mother's Day The Voice of the Rain Posters Comprehension Passages Gap filling (Clauses), Re-ordering/transformation of sentences
August	Hornbill Chapter-3 Snapshots Chapter-5 Poem Writing skill Reading Skill	Discovering Tut Mother's Day The Laburnum Top Speech Writing Comprehension Passages, Note Making

September	Term-I Examinations	Syllabus:- Hornbill: Chapter-1,2,3 Poems- 1,2,3 Snapshots: Chapter- 1,2 and 5 Comprehension Passages, Note Making, Advertisements, Posters, Speech Writing, Gap Filling, Sentence Reordering
October	Hornbill Chapter-7 Snapshots Chapter-7 Poem- 4 Writing skill Reading Skill Grammar	The Adventure Birth Childhood Debate Comprehension Passages Practice of Gap Filling and Sentence Reordering
November	Hornbill Chapter-8 Snapshots Chapter- 8 Poem-5 Writing skill Grammar Reading Skill	Silk Road The Tale of Melon City Father to Son Practice of Writing Skills Practice of Grammar Comprehension Passages
December	Periodic Test II	Syllabus: Reading Skills- Comprehension Literature- Chapter-7 (Hornbill), Chapter-7 (Snapshots), Poem- 4 Writing- Speech Writing Grammar- Sentence Reordering
February	Revision of Full Syllabus for Final Examination and Practical Examination	
March	Final Examinations	

Year Plan for Grade XI (2025-26)

Subject – Physics

Prescribed Books:

NCERT

MONTHS	CHAPTERS /UNIT	SUBJECT ENRICHMENT ACTIVITIES
April	Chapter–1: Units and Measurements. Chapter–2: Motion in a Straight Line	<ol style="list-style-type: none"> 1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume. 2. To measure diameter of a given wire and thickness of a given sheet using screw gauge.
May	Chapter–3: Motion in a Plane	<ol style="list-style-type: none"> 3. To determine volume of an irregular lamina using screw gauge. 4. To determine the radius of curvature of a given spherical surface by a spherometer.
PERIODIC TEST-01 (Chapter-1 to Chapter-3)		
July	Chapter–4: Laws of Motion. Chapter–5: Work, Energy and Power	<ol style="list-style-type: none"> 5. To determine the mass of two different objects using a beam balance 6. Using a simple pendulum, plot its L-T² graph and use it to find the effective length of second's pendulum.
August	Chapter–6: System of Particles and Rotational Motion. Chapter–7: Gravitation	<ol style="list-style-type: none"> 7. To study the relationship between force of limiting friction and normal reaction and to find the co- efficiency of friction between a block and a horizontal surface. 8. To find the downward force, along an inclined plane, acting on a roller due to the gravitational pull of the earth and study its relationship with the angle of inclination θ by plotting a graph between force and $\text{Sin}\theta$.
September	Chapter–8: Mechanical Properties of Solids	(Section-B)
		1. To determine Young's modulus of elasticity of the material of a given wire.
Term – 1 Examinations (Chapter 1 to Chapter 8)		
October	Chapter–9: Mechanical Properties of Fluids Chapter–10: Thermal Properties of Matter	<ol style="list-style-type: none"> 2. To find the force constant of a helical spring by plotting a graph between load and extension. 3. To determine the surface tension of water by capillary rise method.

November	Chapter–11: Thermodynamics Chapter–12: Kinetic Theory	4. To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body.
December	Chapter–13: Oscillations Chapter–14: Waves	5. To study the relation between the length of a given wire and tension for constant frequency using a sonometer.
	PERIODIC TEST-02 (Chapter- 9 & Chapter-10)	
January	Revision of Full Syllabus	
February	Revision of Full Syllabus for Final Examination and Practical Examinations	
March	Final Examinations	

Year Plan for Grade XI (2025-26)

Subject – Chemistry

Prescribed Books:

NCERT

Month	Chapter /Unit	Subject Enrichment Activity
April	Ch -1 Basic concept of chemistry	Balance of chemical by balance machine
May	Ch -2 The atomic structure Ch -3 The periodic classification of elements (Conti...)	Volumetric analysis
July	Ch -3 The periodic classification of elements Ch -4 Chemical Bonding	Balance of chemical by balance machine periodicity in electro negativity
August	Ch -5 Thermodynamics Ch – 6 Equilibrium (Part 1)	Plum pudding model of atom To show oxidation and reduction
September	Term - 1 (Half Yearly Exam) Syllabus	Ch -1 Basic concept of chemistry Ch -2 The atomic structure Ch -3 The periodic classification of elements Ch-4 Chemical Bonding Ch-5 Thermodynamics
October	Ch – 6 Equilibrium (Part 2) Ch -7 Redox reaction	To show acid base reaction Structure of covalent bonding
November	Ch - 8 Some basic principles and separation techniques	Preparations of NaHCO_3 and Na_2CO_3 To show effect of temp. on reaction
December	Ch -9 Hydrocarbon PT-2 Syllabus	Differentiate saturated and unsaturated hydrocarbons iodoform test Ch-6 Equilibrium Ch - 8 Some basic concept of organic chemistry
January	Revision of full syllabus	
February	Revision of Full Syllabus for Final Examination and Practical Examinations	
March	Final Examinations	

Year Plan for Grade XI (2025-26)

Subject – Biology

Prescribed Books:

NCERT

Month	Chapter/Unit	Subject enrichment activity
April	Unit 1- Diversity of living organism	<ol style="list-style-type: none"> 1. Study part of microscope. 2. T.s of Dicot and monocot stem. 3. Study of osmosis 4. Study of distribution of stomata in upper and lower surface of leaves
May	Unit 2- structural organisation in animals and plants PT – 1 Examination	Syllabus Unit-1 Diversity of living organism
July	Unit 3- Cell structure and function and	
August	Revision of Unit 1, 2 and 3	
September	Term 1 Examinations (Syllabus: Unit 1, 2 and 3)	
October	Unit 4- Plant Physiology	5. Study of specimens
November	Unit 5- Human physiology + Class test)	<ol style="list-style-type: none"> 6. Study of sugar in urine. 7. Study of albumin in urine
December	Class test + PT-2 (syllabus- Unit 5 Human physiology)	
January	Revision of full syllabus + Class test	
February	Revision of Full Syllabus for Final Examination and Practical Examination	
March	Final Examinations	

Year Plan for Grade XI (2025-26)

Subject – Mathematics

Prescribed Books:

Element of Mathematics, NCERT

Month	Chapter/Unit	Activity/ Practical work (if Required)
April	Ch-1 (Sets), Ch-4 (Complex Number), Ch-5 (Linear Inequalities)	Sets and its types.
May	Ch-3(Trigonometry)	Formulas of Trigonometry
	PT-1 (Ch-4,5)	
July	Ch-6 (Permutation and Combination), Ch-2 (Relations and Functions)	Define Properties Of complex Numbers
August	Ch-7 (Binomial Theorem) Ch-8 (Sequence and Series)	Make a scrap book of formula of Trigonometry.
September	Term-1(Chapter 1,2,3,4,5,6,7 and 8)	
October	Ch-11 (Introduction to three dimensional Geometry), Ch-12 (limits and continuity)	
November	Ch-09 (Straight Lines) Ch-10 (Conic Section)	Make a table to find equation of Parabola, Ellipse and Hyperbola
December	Ch-13 (Statistics), Ch-14 (Probability) P.T- Ch. 9, 10	
January	Revision(1 to 8)	
February	Revision (All Chapters)	
March	Final Examination (Complete Syllabus)	

Year Plan for Grade XI (2025-26)

Subject – Commercial Arts

Prescribed Books:

Panoramic Indian Painting

Month	Unit No. and Unit Name	Practical work activity
April	Introduction : The elements & principle of Art	Letter writing Slogan writing
May	Unit I (1): Pre Historic Rock Paintings	Draw some educational slogans letter & layouts
	Unit I (2): Art of Indus valley civilization	Slogan writing with colour Poster making (child Labour)
Periodic Test - I (Unit – 1)		
July	Unit II (3): General introduction of art during Mauryan, Shunga, Kushana and Gupta Period	Different format of letter writing still life and nature poster (Digital India) Practicals: Drawing of still life & nature. Drawing of simple layouts Study of painting & sculptures
August	Unit II (4): Art of Ajanta	Drawing of human faces from different angle Practicals: Madhubani Painting Drawing of their faces the their sizes. Poster making (save girl child)
September	Term – I Examinations (Syllabus : Unit 1, Unit II)	
October	Unit III (5): Indian Temple Sculptures	Poster Making (Save Environment) Nature Poster making (Any Festival) Practical: Drawing of simple layouts Poster making 3 Indian Folk Art
November	Unit III (6): Indian Bronze Unit III (7): Indo Islamic architecture	Poster making Save girls Childs Digital India Layout with Pencil Practical : Canvas Painting 1 Poster Making (Any social problem)
December	Revision of Unit III, and Periodic Test-II	
January	Revision of Full Syllabus	
February	Revision of Full Syllabus	
March	Final Examinations	

Year Plan for Grade XI (2025-26)

Subject – Physical Education

Prescribed Books:

Month	Chapter/Unit	Subject Enrichment Activity
April	Unit 1 Changing Trends and Careers in Physical Education	<ol style="list-style-type: none"> 1. Concept, Aims & Objectives of Physical Education 2. Development of Physical Education in India – Post Independence 3. Changing Trends in Sports- playing surface, wearable gear and sports equipment, technological advancements 4. Career options in Physical Education 5. Khelo-India Program and Fit – India Program
May	Unit 2 Olympism Value Education Unit 3 Yoga	<ul style="list-style-type: none"> • Olympism – Concept and Olympics Values (Excellence, Friendship & Respect) • Olympic Value Education – Joy of Effort, Fair Play, Respect for Others, Pursuit of Excellence, Balance Among Body, Will & Mind • Ancient and Modern Olympics • Olympics - Symbols, Motto, Flag, Oath, and Anthem • Olympic Movement Structure - IOC, NOC, IFS, Other members • Meaning and importance of Yoga • Introduction to Astanga Yoga • Yogic Kriyas (Shat Karma) • Pranayama and its types. • Active Lifestyle and stress management through Yoga
Periodic Test – 1 (Syllabus- Unit 1, 2 and 3)		
July	Unit 4 Physical Education and Sports for Children with Special Needs	<ul style="list-style-type: none"> • Concept of Disability and Disorder • Types of Disability, its causes & nature (Intellectual disability, Physical disability). • Disability Etiquette • Aim and objectives of Adaptive Physical Education. • Role of various professionals for children with special needs (Counselor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist, and Special Educator)
August	Unit 5 Physical Fitness, Wellness, and	<ul style="list-style-type: none"> • Meaning & importance of Wellness, Health, and Physical Fitness.

	Lifestyle	<ul style="list-style-type: none"> • Components/Dimensions of Wellness, Health, and Physical Fitness • Traditional Sports & Regional Games for promoting wellness • Leadership through Physical Activity and Sports • Introduction to First Aid – PRICE
September	Unit 6 Test, Measurement & Evaluation	<ul style="list-style-type: none"> • Define Test, Measurements and Evaluation. • Importance of Test, Measurements and Evaluation in Sports. • Calculation of BMI, Waist – Hip Ratio, Skin fold measurement (3-site) 4 • . Somato Types (Endomorphy, Mesomorphy & Ectomorphy) • Measurements of health-related fitness
	Term – 1 Examination (Unit 1 , 2, 3, 4, 5 and 6)	
October	Unit 7 Fundamentals of Anatomy, Physiology in Sports	<ul style="list-style-type: none"> • Definition and Importance of Anatomy and Physiology in Exercise and Sports. • Functions of Skeletal System, Classification of Bones, and Types of Joints. • Properties and Functions of Muscles. • Structure and Functions of Circulatory System and Heart. • Structure and Functions of Respiratory System
November	Unit 8 Fundamentals Of Kinesiology And Biomechanics in Sports	<ul style="list-style-type: none"> • Definition and Importance of The students will learn the meaning and definition & identify the importance of Kinesiology and Biomechanics in sports. • Principles of Biomechanics • Kinetics and Kinematics in Sports • Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation • Axis and Planes – Concept and its application in body movements
December	Unit 9 Psychology and Sports	<ul style="list-style-type: none"> • Definition & Importance of Psychology in Physical Education & Sports; • Developmental Characteristics at Different Stages of Development; • Adolescent Problems & their Management; • Team Cohesion and Sports; • Introduction to Psychological Attributes: Attention, Resilience, Mental Toughness
	Periodic Test - II (Syllabus – Unit 7 and 8)	

Jan	Unit10-Training and Doping in sport	<ul style="list-style-type: none"> • Concept and Principles of Sports Training • Training Load: Over Load, Adaptation, and Recovery • Warming-up & Limbering Down – Types, Method & Importance • Concept of Skill, Technique, Tactics & Strategies • Concept of Doping and its disadvantages
Feb	REVISION OF FULL SYLLABUS AND PRACTICAL WORK	
March	FINAL EXAM	