

Monthly Syllabus 2026-27 - Class XI (Science)

Months	English
April	Reading Comprehension: Practice of summarizing the passage & Note-making Text: Hornbill: Ch 01: The Portrait of A Lady, P:01 The Photograph Grammar: Gap Filling-Tenses Writing Task: Short Composition, Classified Advertisements: Situation Vacant.
May	Reading Comprehension: Practice of summarizing the passage & Note-making. Text: Hornbill: P:02 The Laburnum Top, Ch-02We're Not Afraid to Die... if We Can All Be Together. Text: Snapshot: Ch- 01 The Summer of the Beautiful White Horse. Ch-02 The Address Writing Task: Short Composition - Classified Advertisements: 1-SituationWanted, 2-Sale and Purchase Long Composition: 1-Speech Writing
July	Reading Comprehension: Practice of summarizing the passage & Note-making. Text: Hornbill - Ch-03 Discovering Tut The Saga Text: Snapshot - Ch-3 Mother's Day Grammar: 1-Gap-filling, Clause, 2-Reordering of sentences 3-Transformation of sentences. Writing Task: Short Composition: 1-Poster Writing-50 words. 2-Advertisement-50 words
August	Reading Comprehension: Practice of summarizing the passage & Note-making. Text Book-Hornbill - P-03 The Voice of the Rain By Walt Whitman Writing Task: Long Composition-Debate writing (both in favour & against)
September	Reading Comprehension: Practice of Note-making and summarizing Revision for Midterm Exam.
October	Reading Comprehension: Practice of Note-making and summarizing Text: Hornbill - P-04 Childhood, Ch-04 The Adventure. Text-Snapshots - Ch-04 Birth Writing Task: Short Composition, Poster Writing Writing Task: Long Composition, Debate
November	Reading Comprehension: Practice of Note-making and summarizing Text: Hornbill: Ch-05 Silk Road, P0.5-Father to Son Text: Snapshots - Ch-05 The Tale of Melon City Writing Task: Short Composition: 1-Poster Writing-50 words. 2-LongComposition, Speech writing
December	Reading Comprehension: 1-Practice for Q1 & Q2, 2-Practice for Q3-Note-Making
January	Practice from sample papers.
February	Practice from sample papers.

Months	Chemistry
April	Ch 01: Some basic concepts of chemistry
May	Ch 02: Structure of an atom
July	Ch 03: Classification of Elements and Periodicity in properties. Ch 04: Chemical Bonding and Molecular structure.

August	Ch 04: Chemical Bonding and Molecular structure (Continue) Ch 05: Chemical Thermodynamics
September	Ch 05: Chemical Thermodynamics
October	Ch 06: Equilibrium
November	Ch 07: Redox Reaction, Ch 08: Organic chemistry : Some basic Principles and Technique.
December	Ch 09: Hydrocarbon
January	Ch 09: Hydrocarbon(continue)
February	Revision

Months	Maths
April	Ch 13: Statistics
May	Ch 01: Sets, Ch 02: Relations and functions
July	Ch 02: Relations and functions (Continue), Ch 03: Trigonometric Functions, Ch 04: Complex numbers and Quadratic Equations
August	Ch 05: Linear Inequalities, Ch 9: Straight lines
September	Ch 07: Binomial Theorem
October	Ch 08: Sequence and Series, Ch 11: Introduction to three-dimensional geometry
November	Ch 06: Permutations and Combinations, Ch 10: Conic Sections
December	Ch14: Probability, Ch12: Limits and Derivatives
January	Revision
February	Revision

Months	Psychology
April	Ch 01: What is psychology?
May	Ch 02: Methods of enquiry in psychology
July	Ch 03: Human development
August	Ch 04; Sensory, attentional and perceptual processes, Ch 05: Learning
September	Revision
October	Ch 06: Human memory
November	Ch 07: Thinking
December	Ch 08: Motivation and emotion
January	Revision
February	Revision

Months	Physics
April	Ch 01: Unit and dimension
May	Ch 02: Motion in straight line
July	Ch 03: Motion in plane, Ch 04: Laws of motion
August	Ch 05 Work power energy, Ch 06: System of particle and rotational motion
September	Ch 06: Gravitation, Ch 07: Mechanical properties of solid
October	Ch 07: Mechanical properties of solid, Ch 08: Mechanical properties of Liquid

	Ch 09: Thermal properties of matter
November	Ch 10: Thermodynamics, Ch 11: Behaviour of ideal gas and kinetic theory of gas
December	Ch 12: Oscillation, Ch 13: Wave
January	Revision
February	Revision

Months	Biology
April	Ch 08: Cell the unit of life.
May	Ch10: Cell cycle and division
July	Ch 01: The living world, Ch02: Biological classification Ch14: Breathing and exchange of gases, Ch09: Biomolecules
August	Ch15: Body fluids and movements, Ch05: Morphology of flowering Plants. Ch 06: Anatomy of flowering plant
September	Ch16: Excretory products and their elimination Ch17: Locomotion and Movement
October	ContinueCh17: Locomotion and Movement Ch18: Neural control and coordination, Ch03: Plant Kingdom
November	Ch20: Chemical coordination and integration Ch11: Photosynthesis in Higher Plants., Ch04: Animal Kingdom
December	Ch12: Respiration in Plants Ch:13 Plant Growth and Development
January	Ch:07 Structural Organisation in Animals.
February	Revision

Months	Computer Science
April	Ch1: Computer System Overview, Ch2: Data Representation
May	Ch3: Boolean Logic
July	Ch5: Getting started with Python, Ch6: Python Fundamentals Ch7: Data Handling
August	Ch8: Introduction to Python Module, Ch9: Flow of Control (Cont.)
September	Ch9: Flow of Control, Ch10: String Manipulation
October	Ch11: List Manipulation
November	Ch12: Tuples
December	Ch13: Dictionaries, Ch14: Cyber Safety
January	Ch15: Society, Law and Ethics
February	Revision

Months	Yoga
April	Unit 1: Introduction to Yoga and Yogic Practices *Yoga Etymology, definition, aim, objective and misconception text *Yoga origin, history and development *Rules and regulations to be followed by yoga practitioner
May	Unit 1: Introduction to Yoga and Yogic Practices *Introduction to major schools of yoga *Introduction to Yogic Practices (Sukshama Vyayama, Surya namaskar and asanas)

July	Unit 2: Conduct the basic Yoga session *Introduction and study of Patanjali Yoga Sutra *Introduction and study of Bhagwat Gita
August	Unit 2: Conduct the basic Yoga session *Introduction of Hatha Pradipika *Introduction and study of Gherandu Samhita
September	Revision
October	Unit 3: Maintain health safety and work place *Brief introduction and Role of yoga for health promotion
November	Unit 3: Maintain health safety and work place *Yogic attitude and practices *Holistic approach of yoga towards the health and diseases
December	Unit 3: Maintain health safety and work place *Introduction to yoga diet, it's relevance and importance of yoga sadhana
January	Unit 3: Maintain health safety and work place *Dincharya and Ritucharya with respect of Yogic life style
February	File work +Revision

Months	P. Ed
April	Unit 1 : Changing Trends and Career in Physical Education ● Meaning and definition of Physical Education ● Aims & Objectives of Physical Education ● Career Options in Physical Education
May	Unit 1 : Changing Trends and Career in Physical Education ● Competitions in various sports at national and international level ● Khelo-India Program Unit II : Olympic Value Education ● Olympics, Paralympics and Special Olympics ● Olympic Symbols, Ideals, Objectives and Values of Olympism ● International Olympic Committee ● Indian Olympic Association
July	Unit III : Physical Fitness, Wellness and Lifestyle ● Meaning and Importance of Physical Fitness, Wellness and Lifestyle ● Components of physical fitness and Wellness ● Components of Health related fitness
August	Unit IV : Physical Education and Sports for CWSN (Children with Special Needs- Divyang) ● Aims and objectives of Adaptive Physical Education ● Organization promoting Adaptive Sports (Special Olympics Bharat; Paralympics; Deaflympics) ● Concept of Inclusion, its need and Implementation ● Role of various professionals for c
September	Unit V : Yoga ● Meaning and Importance of Yoga ● Elements of Yoga ● Introduction - Asanas, Pranayam, Meditation and Yogic Kriyas ● Yoga for concentration and related Asanas (Sukhasana; Tadasana; Padmasana and Shashankasana, Naukasana, Vrikshasana (Tree pose), Garudasana (Eagle pose) ● Relaxation Techniques for improving concentration - Yog-nidra

October	Unit VI : Physical Activity and Leadership Training ● Leadership Qualities and Role of a Leader ● Creating leaders through Physical Education ● Meaning, objectives and types of Adventure Sports (Rock Climbing, Tracking, River Rafting, Mountaineering, Surfing and Para Gliding) ● Safety measures to prevent sports injuries Unit VII : Test, Measurement and Evaluation Define Test, Measurement and Evaluation, Importance of Test, Measurement and Evaluation in Sports, Calculation of BMI and Waist - Hip Ratio Somato Types (Endomorphy, Mesomorphy & Ectomorphy) and Measurement of health related fitness
November	Unit VIII : Fundamentals of Anatomy, Physiology and Kinesiology in Sports ● Definition and Importance of Anatomy, Physiology and Kinesiology ● Function of Skeleton System, Classification of Bones and Types of Joints ● Properties and Functions of Muscles ● Function and Structure of Respiratory System and Circulatory System ● Equilibrium - Dynamic and Static And Centre of Gravity and its application in sports
December	Unit IX : Psychology and Sports ● Definition and Importance of Psychology in Phy. Edu. and Sports ● Define and Differentiate Between Growth and Development ● Developmental Characteristics at Different Stages of Development ● Adolescent Problems and their Management Unit X : Training and Doping in Sports Meaning and Concept of Sports Training, Principles of Sports Training, Warming up and limbering down, Skill, Technique and Style, Concept & classification of doping, Prohibited Substances and their side effects, Dealing with alcohol and substance abuse
January	field Practical + File Practical + Theory Revision
February	Revision

Examwise Syllabus- Class XI (Science)

Exam.	English
PT 1	Reading Comprehension: Note-making and summarizing the passage. Text: Hornbill: Ch 01: The Portrait of A Lady., Ch 02: We're Not Afraid to Die... if We Can All Be Together. P 01: The Photograph, P 02: The LaburnumTop Text: Snapshot: Ch- 01 The Summer of the Beautiful White Horse. Ch02: The Address Grammar: Gap Filling-Tenses Writing Task: Short Composition: Classified Advertisements: 1-Situation Vacant., 2-Sale And Purchase Long Composition: 1-Speech Writing
Mid Term	Syllabus covered in PT:1+ Reading Comprehension: Note-making and summarizing the passage. Text: Hornbill: Ch-03 Discovering Tut The Saga, P-03 The Voice of the Rain Text: Snapshot: Ch-3 Mother's Day Grammar: 1-Gap-filling Clause, 2-Reordering of sentences, 3-Transformation of sentences. Writing Task: Short Composition: Classified Advertisements: 1--Poster Writing Long Composition: 1-Debate writing(both in favour & Against)
PT 2	Syllabus covered so far + Reading Comprehension: Note-making and summarizing the passage. Text: Hornbill: P-04 Childhood, Ch-04 The Adventure. Text-Snapshots: Ch-04 Birth Grammar: 1-Gap-filling. Clause, 2-Reordering of sentences 3-Transformation of sentences. Writing Task: Short Composition: Poster Writing Long Composition: Debate
PT 3	Syllabus covered so far + Reading Comprehension: Note-making and summarizing the passage. Text: Hornbill: Ch-05 Silk Road., P0.5-Father to Son Text: Snapshots: Ch-05 The Tale of Melon City Grammar: 1-Gap-filling Clause, Tenses, 2-Reordering of sentences 3-Transformation of sentences. Writing Task: Short Composition: 1-Poster Writing-50 words. 2-LongComposition: Speech writing
Final	Complete syllabus as per CBSE

Exam.	Physics
PT 1	Ch 01: Unit and Dimension, Ch 02: Motion in straight line
Mid Term	Syllabus covered in PT1+ Ch 03: Motion in plane, Ch 04: Laws of motion, Ch 05: Work power and energy Ch 06: Motion of system of particle and rotational motion, Ch 07: Gravitational
PT 2	Syllabus covered so far + Ch 08: Mechanical properties of solid, Ch 09: Mechanical properties of liquid Ch 10: Thermal properties of matter
PT 3	Syllabus covered so far + Ch 11: Thermodynamic, Ch 12: Behaviour of perfect gas and kinetic theory of gas
Final	Complete syllabus as per CBSE

Exam.	Maths
PT 1	Ch 01: Sets, Ch 13: Statistics
Mid Term	Syllabus covered in PT-1+ Ch 02: Relations and functions , Ch 03: Trigonometric Functions, Ch 04: Complex numbers and Quadratic Equations, Ch 05: Linear Inequalities, Ch 9: Straight lines
PT 2	Syllabus covered so far + Ch 07: Binomial Theorem, Ch 08: Sequence and Series Ch 11: Introduction to three-dimensional geometry
PT 3	Syllabus covered so far + Ch 06: Permutations and Combinations, Ch 10: Conic Sections
Final	Complete syllabus as per CBSE

Exam.	Chemistry
PT 1	Ch 01: Some Basic concepts of Chemistry
Mid Term	Syllabus covered in PT1+ Ch 02: Structure of an atom, Ch 03: Classification of Elements and periodicity in properties, Ch 04: Chemical Bonding and Molecular structure, Ch 05: Thermodynamics
PT 2	Syllabus covered in PT1+Mid Term, Ch 06: Chemical Equilibrium
PT 3	Syllabus covered so far + Ch 07: Redox Reaction, Ch 08: Organic Chemistry: Some Basic Principles and Technique
Final	Complete syllabus as per CBSE

Exam.	Biology
PT 1	Ch 08: Cell-The Unit of Life Ch10: Cell Cycle and Division
Mid Term	Syllabus covered in PT-1+ Ch 02: Biological Classification Ch 05: Morphology of flowering plants. Ch 06: Anatomy of Flowering plants, Ch 14: breathing and exchange of gases Ch 15: Body fluids, Ch 16: excretory products and their elimination
PT 2	Syllabus covered in PT1+Mid Term Ch 03: Plant Kingdom, Ch 17: locomotion and movement Ch 18: neural control and coordination
PT 3	Syllabus covered so far Ch11: Photosynthesis in Higher Plants, Ch 20: Chemical coordination and integration Ch04: Animal Kingdom
Final	Complete syllabus as per CBSE

Exam.	Computer Science
PT 1	Ch 1: Computer System Overview, Ch 2: Data Representation, Ch 3: Boolean Logic
Mid Term	Ch 1: Computer System Overview, Ch 2: Data Representation Ch 3: Boolean Logic, Ch 5: Getting started with Python. Ch 6: Python Fundamentals, Ch 7: Data Handling, Ch 8 Introduction to Python Module Ch9: Flow of Control
PT 2	Syllabus covered in PT1+Mid Term Ch 10: String Manipulation, Ch 11: List Manipulation
PT 3	Syllabus covered so far + Ch 12: Tuples, Ch 13: Dictionaries
Final	Complete syllabus as per CBSE

Exam.	Psychology
PT 1	Ch 01: What is Psychology, Ch 02: Methods of enquiry
Mid Term	Chapters covered so far +Ch-3 Human development+Ch-4 Sensory, Perceptual processes+Ch-5 Learning
PT 2	Chapters covered in Mid Term+Ch-6 Human memory
PT 3	Chapters covered in PT-1+2+Mid term+Ch-7 Thinking
Final	Complete syllabus as per CBSE

Exam.	Yoga
Mid Term	Unit 1 Introduction to Yoga and Yogic Practices Unit 2 Conduct the basic yoga sessions -I
Final	Unit 3 Maintain Health Safety at work place + Complete Syllabus as per CBSE

Exam.	P. Edu
PT 1	Ch-1 Changing trends & career in physical education Ch-2 Olympic value education
Mid Term	Syllabus covered in PT-1 + Ch-3 Yoga, Ch-4 Physical education & sports for CWSN, Ch-5 Physical fitness, wellness
PT 2	Ch-6 Test, measurement & evaluation Ch-7 Fundamentals of anatomy and physiology in sports
PT 3	Ch-8 Fundamental of kinesiology and biomechanics in sports Ch-9 psychology and sports
Final	Complete syllabus as per CBSE