

Class 11 Biology Academic Planner (Completion)

1. Chapter-wise Breakdown (according to NCERT)		
Month	Dates	Chapter/Topic
Apr-25	1st - 30th April	Chapter 1: Diversity in Living World
		Chapter 2: Structural Organisation in Animals and Plants
May-25	1st - 31st May	Chapter 3: Cell Structure and Function
		Chapter 4: Plant Physiology
Jun-25	1st - 30th June	Chapter 5: Human Physiology
		Chapter 6: Human Reproduction
Jul-25	1st - 31st July	Chapter 7: Plant Reproduction
		Chapter 8: Cell Cycle and Cell Division
Aug-25	1st - 31st August	Chapter 9: Biomolecules
		Chapter 10: Ecology and Environment
Sep-25	1st - 30th September	Chapter 11: Transport in Plants
		Chapter 12: Mineral Nutrition

Oct-25	1st - 31st October	Chapter 13: Photosynthesis in Higher Plants
		Chapter 14: Respiration in Plants
		Revision of all chapters

Class 11 Biology Revision Planner (1st November 2025 to 1

Month	Dates	Chapter/Topic
Nov-25	1st - 15th November	Chapter 1: Diversity in Living World
		Chapter 2: Structural Organisation in Animals and Plants
Nov-25	16th - 30th November	Chapter 3: Cell Structure and Function
		Chapter 4: Plant Physiology
Dec-25	1st - 15th December	Chapter 5: Human Physiology
		Chapter 6: Human Reproduction
Dec-25	16th - 31st December	Chapter 7: Plant Reproduction
		Chapter 8: Cell Cycle and Cell Division
Jan-26	1st - 15th January	Chapter 9: Biomolecules
		Chapter 10: Ecology and Environment

Jan-26	16th - 31st January	Chapter 11: Transport in Plants
		Chapter 12: Mineral Nutrition
Feb-26	1st - 5th February	Chapter 13: Photosynthesis in Higher Plants
		Chapter 14: Respiration in Plants
Feb-26	6th - 10th February	Mock Tests and Practice Papers
Feb-26	11th - 15th February	Final Review

Key Points for Revision (1st November 2025 to 15th February 2026)

1. Conceptual Understanding: Biology focuses on understanding processes (like Photosynthesis, Respiration, and transport in plants and humans). Ensure clarity in these processes.

2. Diagrams: Practicing labeled diagrams (like the structure of the reproductive system, and process of mitosis) is essential.

3. Review of Key Terms: Ensure understanding of biological terms like "gene expression," "biogeochemical cycles," and "plant hormones."

4. Solve Previous Year's Papers: This helps in understanding the exam pattern and it highlights areas that may need more focus.

5. Practice MCQs and Short Answer Questions: Regularly practicing multiple-choice questions and short-answer questions is critical to mastering the subject.

6. Mock Tests: Take at least one full-length mock test each week to practice time management, and to improve exam-taking strategies.

7. Focus on the NCERT Text: NCERT is the key source for all understanding and revision from the NCERT book.

8. Discussion and Clarification: Engage in peer discussions or teachers on difficult topics.

9. Time Management: Allocate sufficient time for revision to your weak areas to improve overall performance.

by 31st October 2025)

Key Concepts
Biological classification, Kingdoms of life, Diversity
Tissues, Animal and plant tissues, Organ systems
Cell organelles, Structure of prokaryotic/eukaryotic cells
Photosynthesis, Respiration, Transpiration, Plant growth
Digestion, Circulation, Excretion, Nervous system
Male and female reproductive systems, Menstrual cycle
Reproduction in plants, Pollination, Fertilization
Mitosis, Meiosis, Cell division process
Carbohydrates, Proteins, Lipids, Enzymes, Nucleic acids
Ecosystem, Biogeochemical cycles, Environmental issues
Xylem and Phloem, Transport of water and nutrients in plants
Essential minerals, Mechanism of nutrient uptake in plants

Photosynthetic process, Factors affecting photosynthesis
Aerobic and anaerobic respiration, Glycolysis, Kreb's cycle
Revision of key concepts, Diagrams, Important facts
.5th February 2026)
Key Focus
Review Classification, Kingdoms, Taxonomy
Tissues, Organ systems, Differences between plant and animal tissues
Review of cell organelles, Functions of cellular structures
Photosynthesis, Respiration, Transpiration, Plant growth
Digestion, Excretion, Circulation, Nervous system
Male and female reproductive systems, Menstrual cycle
Pollination, Fertilization, Asexual reproduction in plants
Mitosis, Meiosis, Cell cycle control
Proteins, Carbohydrates, Lipids, Enzymes, Nucleic acids
Ecosystem, Biodiversity, Environmental concerns

Water transport, Xylem and Phloem, Transport of minerals
Mechanism of mineral uptake, Role of essential minerals
Review of photosynthesis, Factors affecting photosynthesis
Glycolysis, Anaerobic and Aerobic respiration
Full-length mock tests, Time management, Exam strategy
Focus on weak areas, Last-minute revision, Practice papers

ary 2026)

ending complex processes.
and Reproduction (both in

of the plant cell, human

l terms such as “enzymes,”
hormones.”

g the format of questions,

racticing multiple-choice
g the subject.

month to track your progress,

exams. Prioritize

or seek guidance from

before the exams. Focus on

Class 11 Mathematics Academic Planner (Comp)

1. Chapter-wise Breakdown (according to NCERT)		
Month	Dates	Chapter/Topic
Apr-25	1st - 30th April	Chapter 1: Sets
		Chapter 2: Relations and Functions
May-25	1st - 31st May	Chapter 3: Trigonometric Functions
		Chapter 4: Principle of Mathematical Induction
Jun-25	1st - 30th June	Chapter 5: Complex Numbers and Quadratic Equations
		Chapter 6: Linear Inequalities
Jul-25	1st - 31st July	Chapter 7: Permutations and Combinations
		Chapter 8: Binomial Theorem
Aug-25	1st - 31st August	Chapter 9: Sequences and Series
		Chapter 10: Straight Lines
Sep-25	1st - 30th September	Chapter 11: Conic Sections
		Chapter 12: Introduction to Three-Dimensional Geometry
Oct-25	1st - 31st October	Chapter 13: Limits and Derivatives
		Revision of all chapters
Class 11 Mathematics Revision Planner (1st November)		
Month	Dates	Chapter/Topic

Nov-25	1st - 15th November	Chapter 1: Sets
		Chapter 2: Relations and Functions
Nov-25	16th - 30th November	Chapter 3: Trigonometric Functions
		Chapter 4: Principle of Mathematical Induction
Dec-25	1st - 15th December	Chapter 5: Complex Numbers and Quadratic Equations
		Chapter 6: Linear Inequalities
Dec-25	16th - 31st December	Chapter 7: Permutations and Combinations
		Chapter 8: Binomial Theorem
Jan-26	1st - 15th January	Chapter 9: Sequences and Series
		Chapter 10: Straight Lines
Jan-26	16th - 31st January	Chapter 11: Conic Sections
		Chapter 12: Introduction to Three-Dimensional Geometry
Feb-26	1st - 5th February	Chapter 13: Limits and Derivatives
Feb-26	6th - 10th February	Mock Tests and Practice Papers

Feb-26	11th - 15th February	Final Review

Key Points for Revision (1st November 202

1. Conceptual Understanding: Mathematics requires clear understanding of trigonometric functions, and derivatives. Ensure you have a strong

2. Practice Problems: Solve as many problems as possible from each topic you find challenging.

3. Formula Sheet: Maintain a formula sheet for quick reference. Focus on trigonometric identities, and permutations.

4. Previous Year's Papers: Review and solve previous year's exam papers to understand the pattern and frequently asked questions.

5. Mock Tests: Regularly take mock tests and timed practice papers to build speed.

6. Time Management: Work on managing time during exams. Prioritize topics to your comfort level.

7. Clarify Doubts: Don't hesitate to clear your doubts from your teacher. Focus on Conic Sections or Three-Dimensional Geometry.

8. Focus on Weak Areas: Identify the topics you struggle with and focus on them.

pletion by 31st October 2025)

Key Concepts
Types of sets, Operations on sets, Venn diagrams
Domain, Range, Types of functions, Inverse functions, Graphs
Trigonometric ratios, Identities, Angles and their properties
Mathematical induction, Proving theorems
Imaginary numbers, Complex number representation, Roots of quadratic equations
Solving linear inequalities, Graphical representation
Fundamental principles, Factorial notation, Combinations
Binomial expansion, General term, Application of binomial theorem
Arithmetic Progression, Geometric Progression, Sum of series
Equation of straight lines, Slope, Distance between two points
Parabola, Ellipse, Hyperbola, Equation of conic sections
Coordinates in 3D, Distance formula in 3D, Section formula
Concept of limit, Continuity, Derivatives, Rules of differentiation
Revision of key concepts, Important theorems, Practice problems

er 2025 to 15th February 2026)

Key Focus

Review key concepts, Venn diagrams, Operations on sets
Domain and Range, Function graphs, Inverse functions
Trigonometric identities, Values of trigonometric functions
Solving problems using mathematical induction, Proving statements
Complex number arithmetic, Roots of quadratic equations
Solving inequalities, Graphical representation
Solving permutation and combination problems, Factorials
Binomial expansion, General term, Application of binomial theorem
AP and GP formulas, Sum of series, Solving related problems
Equation of straight lines, Distance between two points, Slope
Parabola, Ellipse, Hyperbola, Equation of conics
3D Coordinates, Section formula, Distance formula in 3D
Basic limits, Continuity, Derivative rules, Chain rule
Full-length mock tests, Time management, Exam strategy

Focus on weak areas, Last-minute revision, Practice papers

5 to 15th February 2026)

standing of fundamental concepts like limits,
grasp on these.

ch chapter, especially focusing on topics that

ocus on the formulas for areas, volumes,

papers. This helps in understanding the

s to enhance your exam readiness and

ritize chapters and questions based on your

s or peers, especially for difficult topics like

allocate more time to practice those areas.

Class 11 Physics Academic Planner (Completion)

1. Chapter-wise Breakdown (according to NCERT)		
Month	Dates	Chapter/Topic
Apr-25	1st - 30th April	Chapter 1: Physical World
		Chapter 2: Units and Measurements
May-25	1st - 31st May	Chapter 3: Motion in a Straight Line
		Chapter 4: Motion in a Plane
Jun-25	1st - 30th June	Chapter 5: Laws of Motion
		Chapter 6: Work, Energy, and Power
Jul-25	1st - 31st July	Chapter 7: System of Particles and Rotational Motion
		Chapter 8: Gravitation
Aug-25	1st - 31st August	Chapter 9: Mechanical Properties of Solids
		Chapter 10: Mechanical Properties of Fluids
Sep-25	1st - 30th September	Chapter 11: Thermal Properties of Matter
		Chapter 12: Thermodynamics
Oct-25	1st - 31st October	Chapter 13: Behaviour of Perfect Gas and Kinetic Theory

		Revision of all chapters

Class 11 Physics Revision Planner (1st November 2

Month	Dates	Chapter/Topic
Nov-25	1st - 15th November	Chapter 1: Physical World
		Chapter 2: Units and Measurements
Nov-25	16th - 30th November	Chapter 3: Motion in a Straight Line
		Chapter 4: Motion in a Plane
Dec-25	1st - 15th December	Chapter 5: Laws of Motion
		Chapter 6: Work, Energy, and Power
Dec-25	16th - 31st December	Chapter 7: System of Particles and Rotational Motion
		Chapter 8: Gravitation
Jan-26	1st - 15th January	Chapter 9: Mechanical Properties of Solids
		Chapter 10: Mechanical Properties of Fluids
Jan-26	16th - 31st January	Chapter 11: Thermal Properties of Matter
		Chapter 12: Thermodynamics
Feb-26	1st - 5th February	Chapter 13: Behaviour of Perfect Gas and Kinetic Theory

Feb-26	6th - 10th February	Mock Tests and Practice Papers
Feb-26	11th - 15th February	Final Review

Key Points for Revision (1st November 2025 to 15th

1. Conceptual Understanding: Focus on understanding the core concepts of motion, work-energy theorem, thermodynamics, and mechanics.

2. Problem Solving: Physics is problem-based. Solve as many practice problems as possible, particularly for numerical problems related to topics like motion,

3. Derivations: Practice important derivations for key equations such as the work-energy theorem, laws of thermodynamics, and gas laws.

4. Graphical Analysis: Be comfortable with interpreting and drawing graphs for concepts like motion, force, and energy.

5. Units and Measurements: Thoroughly revise SI units, dimensional analysis tools, as they are fundamental for all chapters in Physics.

6. Previous Year's Papers: Solving past year papers will give you insight into question patterns and help you improve your time management during the exam.

7. Mock Tests: Take mock tests regularly to evaluate your understanding and improve your time management and exam strategy.

8. Focus on Weak Areas: Allocate more time to topics you find difficult. Get help for unclear concepts.

9. Formula Sheet: Maintain a list of important formulas and constants (like gas constants) for quick revision.

10. Experiment Understanding: Understand the practical aspects of experiments related to laws of motion, energy, and thermodynamics.

n by 31st October 2025)

Key Concepts
Introduction to Physics, Scope and excitement in physics
SI units, Fundamental and derived quantities, Measurement tools
Speed, Velocity, Acceleration, Equations of motion
Projectile motion, Circular motion, Relative velocity
Newton's Laws, Friction, Circular motion, Work-energy theorem
Work-energy theorem, Kinetic energy, Potential energy, Power
Center of mass, Torque, Angular momentum, Rotational dynamics
Universal law of gravitation, Gravitational potential, Satellites
Stress, Strain, Hooke's Law, Elastic constants
Pressure, Buoyancy, Bernoulli's theorem
Heat, Temperature, Specific heat capacity, Calorimetry
First law, Second law, Entropy, Heat engines
Gas laws, Kinetic theory, Maxwell-Boltzmann distribution

Revision of key concepts,
Important derivations, Practice
problems

025 to 15th February 2026)

Key Focus

Review key concepts, Applications
of physics, Scope of physics

SI units, Dimensional analysis,
Measurement techniques

Motion equations, Graphs of
motion, Acceleration

Projectile motion, Relative
velocity, Circular motion

Newton's laws, Friction,
Applications of work-energy
theorem

Work-energy relation, Power,
Energy conservation

Torque, Angular momentum,
Rotational dynamics, Moment of
inertia

Gravitational potential, Satellites,
Kepler's laws

Stress, Strain, Elastic constants,
Young's Modulus

Fluid dynamics, Bernoulli's
theorem, Surface tension

Specific heat, Latent heat, Heat
transfer methods

Laws of thermodynamics, Heat
engines, Entropy

Gas laws, Kinetic theory of gases,
Ideal gas equation

Full-length mock tests, Time management
Final revision of weak areas, Focus on derivations, Practice important questions

February 2026)

concepts of physics such as laws of

practice problems as you can, energy, thermodynamics, and fluids.

such as the equation of motion,

drawing graphs for various physical

qualitative analysis, and measurement

insight into the frequently asked questions in the exam.

standing, speed, and accuracy. Focus

difficult, and review them in depth.

constants (such as gravitational constant,

units of Physics, including the SI units.

Class 11 Chemistry Academic Planner (Con

1. Chapter-wise Breakdown (according to NCERT)		
Month	Dates	Chapter/Topic
Apr-25	1st - 30th April	Chapter 1: Some Basic Concepts of Chemistry
		Chapter 2: Structure of Atom
May-25	1st - 31st May	Chapter 3: Classification of Elements and Periodicity in Properties
		Chapter 4: Chemical Bonding and Molecular Structure
Jun-25	1st - 30th June	Chapter 5: States of Matter: Gases and Liquids
		Chapter 6: Thermodynamics
Jul-25	1st - 31st July	Chapter 7: Equilibrium
		Chapter 8: Redox Reactions
Aug-25	1st - 31st August	Chapter 9: Hydrogen
		Chapter 10: s-Block Elements (Alkali and Alkaline Earth Metals)
Sep-25	1st - 30th September	Chapter 11: Some p-Block Elements
		Chapter 12: Organic Chemistry - Some Basic Principles and Techniques
Oct-25	1st - 31st October	Chapter 13: Hydrocarbons
		Chapter 14: Environmental Chemistry
		Revision of all Chapters

Class 11 Chemistry Revision Planner (1st November 2		
Month	Dates	Chapter/Topic
Nov-25	1st - 15th November	Chapter 1: Some Basic Concepts of Chemistry
		Chapter 2: Structure of Atom
Nov-25	16th - 30th November	Chapter 3: Classification of Elements and Periodicity in Properties
		Chapter 4: Chemical Bonding and Molecular Structure
Dec-25	1st - 15th December	Chapter 5: States of Matter: Gases and Liquids
		Chapter 6: Thermodynamics
Dec-25	16th - 31st December	Chapter 7: Equilibrium
		Chapter 8: Redox Reactions
Jan-26	1st - 15th January	Chapter 9: Hydrogen
		Chapter 10: s-Block Elements
Jan-26	16th - 31st January	Chapter 11: Some p-Block Elements
		Chapter 12: Organic Chemistry - Some Basic Principles and Techniques
Feb-26	1st - 5th February	Chapter 13: Hydrocarbons
Feb-26	6th - 10th February	Chapter 14: Environmental Chemistry
Feb-26	11th - 15th February	Mock Tests and Practice Papers
		Final Review

Key Points for Revision (1st November 2

1. Conceptual Understanding: Make sure you understand the structure, chemical bonding, and periodicity for strong four

2. Problem Solving: Chemistry requires consistent practice. thermodynamics, gas laws, and equilibrium.

3. Reaction Mechanisms: For organic chemistry, pay attention to functional groups, and the types of reactions (addition, substitution, e

4. Periodic Trends: Revisit the trends in the periodic table from top to bottom (e.g., atomic radius, ionization energy, electronegativity)

5. Formulas and Equations: Revise key formulas like ideal gas law, equilibrium constants. Make a list of important formulas for

6. IUPAC Nomenclature: Practice IUPAC naming for organic and inorganic chemistry.

7. Focus on Practical Chemistry: Understand the applications of chemistry including laboratory experiments and chemical industries.

8. Previous Year's Papers: Practice previous year papers to get a feel for the questions.

9. Mock Tests: Take mock tests periodically to check your preparation and time management skills.

10. Revision of Mistakes: Identify areas you're struggling with and understand why you made mistakes and how to avoid them.

Completion by 31st October 2025)

Key Concepts
Matter, Elements, Atomic mass, Mole concept
Atomic theory, Quantum numbers, Electron configuration
Periodic table, Trends in the periodic table
Ionic bonds, Covalent bonds, VSEPR theory, Hybridization
Gas laws, Kinetic theory, Liquid state, Properties of gases
First law, Second law, Enthalpy, Entropy, Gibbs free energy
Chemical equilibrium, Le Chatelier's Principle
Oxidation, Reduction, Balancing redox reactions
Hydrogen bonding, Hydrides, Water, Properties of hydrogen
Group 1 and Group 2 elements, Properties, Uses
Group 13 to Group 18 elements, Trends, Properties
Organic compounds, Functional groups, IUPAC nomenclature
Alkanes, Alkenes, Alkynes, Properties and reactions
Pollution, Greenhouse gases, Ozone layer, Environmental issues
Review key concepts, Reaction mechanisms, Practice problems

025 to 15th February 2026)
Key Focus
Revision of mole concept, Atomic mass, Laws of chemical combination
Electron configuration, Quantum theory, Atomic models
Periodic trends, Properties of elements
Bond types, VSEPR theory, Hybridization, Molecular geometry
Gas laws, Kinetic theory, Ideal gas equation, Liquid properties
Laws of thermodynamics, Entropy, Gibbs free energy, Enthalpy
Le Chatelier's principle, Kc and Kp, Solubility equilibrium
Oxidation numbers, Balancing redox equations, Electrochemistry
Hydrogen bonding, Hydrogen in water, Hydrides
Properties and trends of Group 1 & 2 elements
Group 13 to 18 properties, Anomalous behavior of elements
IUPAC nomenclature, Types of organic reactions
Alkanes, Alkenes, Alkynes, Aromatic compounds
Pollution, Greenhouse effect, Environmental conservation
Full-length mock tests, Time management
Final revision of weak areas, Concept clarity, Problem solving

025 to 15th February 2026)

the concepts thoroughly. Focus on atomic
foundational knowledge.

. Focus on numericals related to

tion to reaction mechanisms, functional
elimination, etc.).

or understanding element properties in-
vity).

gas law, thermodynamic equations, and
r quick review.

c compounds, which is a critical area of

ns and practical aspects of chemistry,

get an idea of the exam format and types of

reparation level and to improve time

with and revise them in-depth. Focus on
them in the future.