

Syllabi



For Class V Students
(going to Class VI in 2024)

GENERAL SCIENCE

PHYSICS

1. Measurement
2. Force and Energy
3. Our universe
4. Simple Machine

CHEMISTRY

1. Solids, Liquids and Gases
2. Rocks and Minerals
3. Natural Calamities
4. Natural Resources

BIOLOGY

1. Food & Health
2. Plant - Growth & Structure
3. Animal - Habitat & Adaptation
4. Our Body - Organs and their function
(Skeletal and Nervous System)

MATHEMATICS

1. Multiples and Factors
2. Fractions and Decimals
3. Averages
4. Profit and Loss
5. Percentage
6. Simple Interest
7. Triangles



For Class VI Students
(going to Class VII in 2024)

SCIENCE

PHYSICS

1. Motion and Measurement of Distances
2. Light, Shadows and Reflections
3. Electricity & Circuits

CHEMISTRY

1. Fibre to Fabric
2. Sorting materials into groups
3. Separation of substances
4. Changes around us

BIOLOGY

1. Food: Where does it come from?
2. Components of Food
3. Body movements
4. Getting to Know the Plants

MATHEMATICS

1. Knowing Our Numbers
2. Whole Numbers
3. Playing with Numbers
4. Basic Geometrical Ideas
5. Fractions & Decimals
6. Unitary Method, Ratio & Proportion

SYLLABI



For Class VII Students
(going to Class VIII in 2024)

SCIENCE

PHYSICS

1. Electric Current and Its Effects
2. Heat
3. Wind, Storm and Cyclone

CHEMISTRY

1. Fibre to Fabric
2. Acids, Bases and Salts
3. Soil
4. Physical and Chemical Changes

BIOLOGY

1. Nutrition in plants
2. Nutrition in animals
3. Transportation in Animals and Plants
4. Respiration in Organism
5. Weather, Climate & Adaptations of Animal to Climate

MATHEMATICS

1. Integers
2. Fraction & Decimal
3. Lines & Angles
4. Comparing Quantities
5. Triangles and Its Properties
6. Data Handling



For Class VIII Students
(going to Class IX in 2024)

SCIENCE

PHYSICS

1. Force and Pressure
2. Friction
3. Chemical Effect of Electric Current
4. Natural Phenomena

CHEMISTRY

1. Metals and Non metals
2. Coal & Petroleum

BIOLOGY

1. Crop Production & Management
2. Microorganism
3. Cell-Structure of Cell & its Function
4. Conservation of Plants & Animals

MATHEMATICS

1. Rational Numbers
2. Understanding Quadrilaterals
3. Comparing Quantities
4. Algebraic Expression & Identities
5. Square & Square Root
6. Cube & Cube Root
7. Exponents and Powers

Class
9

For Class IX Students
(going to Class X in 2024)

SCIENCE

PHYSICS

1. Motion
2. Force and Laws of motion
3. Gravitation
4. Work and Energy

CHEMISTRY

1. Matter in Our Surrounding
2. Is matter around us is pure ?
3. Atoms and Molecules

BIOLOGY

1. Cell: The Fundamental Unit of Life
2. Tissues
3. Diseases: Why Do We Fall ill?

MATHEMATICS

1. Number System
2. Lines & Angles
3. Triangles
4. Co-ordinate Geometry
5. Linear Equations in Two Variables
6. Polynomials

Class
10

For Class X Students
(going to Class XI in 2024)

PHYSICS

1. Light: Reflection and Refraction
2. Electricity
3. Human Eye and Colourful World
4. Sources of Energy

CHEMISTRY

1. Chemical Reactions & Equations
2. Acids, Bases and Salts
3. Metals and Non-Metals
4. Carbon and Its Compounds

MATHEMATICS

1. Real Numbers
2. Polynomials
3. Quadratic Equations
4. Similar Triangles
5. Trigonometry
6. Coordinate Geometry
7. Arithmetic Progression

SYLLABI



For Class XI Students
(going to Class XII in 2024)

PHYSICS

1. Physical world and Measurement
2. Kinematics
3. Laws of motion
4. Work Energy and Power
5. Gravitation
6. Mechanical Properties of Solids
7. Motion of System of Particles and Rigid Body

CHEMISTRY

1. Some Basic Concept of Chemistry
2. Atomic Structure
3. Periodic Properties & Periodic Classification of Elements
4. Chemical Bonding
5. Redox Reactions & Stoichiometry
6. Chemical Equilibrium
7. Ionic Equilibrium
8. Hydrogen & It's compounds
9. General Organic Chemistry & Isomerism

MATHEMATICS

1. Sets
2. Relations and Functions
3. Linear Inequality
4. Progression & Series
5. Complex Numbers
6. Trigonometric Ratios and Identities
7. Conic Section
8. Logarithms
9. Basic Calculus
10. Straight Lines
11. Quadratic Equations
12. Statistics
13. Circle
14. Parabola
15. Limits & Derivatives