

SYLLABUS



CLASS

7

For class VII
students
(going to Class VIII)

SCIENCE

PHYSICS

1. Motion and Time
2. Electric Current and its Effects
3. Light

CHEMISTRY

1. Acid, Base and Salts
2. Physical and Chemical Changes
3. Fibre to Fabric
4. Soil

BIOLOGY

1. Nutrition in animals
2. Respiration in Organisms
3. Nutrition in plants
4. Reproduction in Plants
5. Weather, Climate and Adaptations of Animals to Climate
6. Transportation in Animals and Plants

MATHEMATICS

1. Rational Number
2. Data Handling
3. Lines & Angles
4. Congruent Triangles
5. Integers
6. Fraction & Decimal
7. Triangles & its Properties
8. Comparing Quantities

CLASS

8

For class VIII
students
(going to Class IX)

SCIENCE

PHYSICS

1. Sound
2. Friction
3. Force and Pressure

CHEMISTRY

1. Metals and Non Metals
2. Coal & Petroleum
3. Synthetic Fibres & Plastics

BIOLOGY

1. Microorganism
2. Crop Production & Management
3. Conservation of Plants & Animals

MATHEMATICS

1. Comparing Quantities
2. Understanding Quadrilaterals
3. Rational Numbers
4. Factorisation
5. Data Handling
6. Exponents and Powers
7. Squares, Square roots & Cube, Cube roots
8. Algebraic Expression & Identities

CLASS

9

For class IX
students
(going to Class X)

SCIENCE

PHYSICS

1. Gravitation
2. Work and Energy
3. Motion, Uniform, Non Uniform
4. Forces & Laws of Motion

CHEMISTRY

1. Is Matter around us pure? Properties of Matter, Solutions
2. Matter in Our Surrounding
3. Atoms & Molecules
4. Mole Concept
5. Structure of Atom

BIOLOGY

1. Tissues
2. Cell: The Fundamental Unit of Life
3. Diseases: Why do we fall ill
4. Improvement in Food Resources

MATHEMATICS

1. Lines and Angles
2. Triangles
3. Number System
4. Quadrilaterals
5. Polynomials
6. Co-ordinate Geometry
7. Area of Parallelogram & Triangles

CLASS

10

For class X
students
(going to Class XI)

PHYSICS

1. Light, Reflection & Refraction
2. The Human Eye & The Colourful World
3. Electricity and its heating and chemical effects
4. Magnetic effects of electric current

CHEMISTRY

1. Chemical Reactions & Equations
2. Acid, Base and Salts
3. Periodic Classification
4. Metals and Non-Metals, Alkaline Earth Metals
5. Carbon & Its Compounds

MATHEMATICS

1. Real Numbers
2. Polynomials
3. Similar Triangles
4. Trigonometry and its Application
5. Arithmetic Progression
6. Tangents to a Circle