



## **Class 6**

# **Foundation Program**

### **Physics**

Electricity and Circuits  
Light Shadow & Reflection  
Fun with Magnets  
Motion and Measurement  
Earth and Universe

### **Chemistry**

Natural Resources  
Air around us  
Water  
Solid, Liquid & Gas  
Separation of Substances  
Fibre to Fabric  
Sorting Materials into Groups

### **Biology**

Body Movements  
Components of Food  
Food and Nutrition  
Garbage in garbage out  
Getting to know Plants  
The living organisms and their surroundings.

### **Mathematics**

Algebraic Expression  
Basic geometrical ideas  
Data Handling  
Pictorial Representation of Data  
Fractions  
Integers  
Mensuration Area of andits  
Boundary  
Number system  
Practical Geometry  
Symmetry & Understanding  
Elementary Shapes.  
Decimals  
Multiplication and Division

# **Class 7**

## **Foundation Program**

### **Physics**

Winds, Storms and Cyclones  
Motion and Time  
Light, Shadow & Reflection  
Motion and Measurement  
of Distances speed & time  
Electricity and Circuits  
Heat and Temperature

### **Chemistry**

Natural Resources  
Air around us  
Water  
Solid, Liquid & Gas  
Separation of Substances  
Fibre to Fabric  
Sorting Materials into Groups

### **Biology**

Body Movements  
Components of Food  
Food and Nutrition  
Garbage in garbage out  
Getting to know Plants  
The living organisms and  
their surroundings.

### **Mathematics**

Algebraic Expression  
Basic geometrical ideas  
Data Handling  
Pictorial Representation of Data  
Fractions  
Integers  
Mensuration Area of and  
its Boundary  
Number system  
Practical Geometry  
Symmetry & Understanding  
Elementary Shapes.  
Decimals  
Multiplication and Division

# **Class 8**

## **Foundation Program**

### **Physics**

Force and Pressure  
Friction  
Sound  
Chemical Effects of Electric Current  
Motion and Time  
Light

### **Chemistry**

Materials: Metals and Non-metals  
Synthetic Fibres and plastics  
Acid, Bases and Salts  
Coal and Petroleum

### **Biology**

Crop Production and Management  
Microorganisms-Friend and foe  
Conservation of Plants and Animals  
Cell- Structure and Functions  
Respiration and Organisms  
Transportation in Plants and Animals  
Forest – Our Life Line  
Reaching the age of Adolescence

### **Mathematics**

Rational Numbers  
Understanding quadrilaterals  
Data Handling  
Squares and Square Roots  
Cubes and Cube roots  
Comparing quantities  
Congruence of Triangle  
Factors and Decimal  
Integers  
Linear Equations in One Variable (Std.-VII & VIII)  
Perimeter and Area  
Practical Geometry  
Visualizing Solid Shapes  
Exponents and Power

# **Class 9**

## **Foundation Program**

### **Physics**

Motion

Force and Laws of Motion

Gravitation (excluding Floatation)

Work Energy Power

Sound

### **Chemistry**

Is Matter Around Us Pure?

Atoms and Molecules

Structure of Atom

Metals and Non-Metals

Matter in Our Surroundings

### **Biology**

The Fundamental Unit of Life

Tissues

Diversity in living organism

Why do We Fall Ill?

Natural Resources

### **Mathematics**

Number Systems

Polynomials

Lines and Angles

Triangles

Linear equations in two Variables

Algebraic Expression & Identities

Heron's formula

Linear Equation in one variable

# **Class 10**

## **Foundation Program**

### **Physics**

Light-Reflection and Refraction  
Human eye and colorful world  
Electricity  
Magnetism& Magnetic effect

### **Chemistry**

Chemical Reactions and Equations  
Acids, Bases and Salts  
Metals and Non-Metals  
(Excluding Metallurgy Onwards)

### **Biology**

World of living  
Life processes  
Control and Coordination  
Natural phenomenon  
Environmental Science

### **Mathematics**

Real Numbers  
Polynomials  
Pair of Linear Equations in two  
Variables  
Quadratic Equations  
Arithmetic Progressions  
Coordinate Geometry  
Similar Triangles  
Introduction to Trigonometry  
Some Applications of Trigonometry