

## **Syllabus of IX (Pre-Foundation)**

### **PHYSICS**

Motion

Force and laws of motion

Gravitation

Work and Energy

Sound

### **CHEMISTRY**

Matter in our surrounding

Is matter around us pure

Atoms and Molecule

Structure of atom

### **BIOLOGY**

Fundamental unit of life

Tissues

Diversity in living organism

Why do we fall ill

Natural Resources

Improvement in food resources

### **MATHEMATICS**

Number system

Polynomial

Co-ordinate Geometry

Geometry

Lines and Angles

Triangles

Quadrilaterals

Circles

Areas

Surface Areas and Volumes

Statistics and Probability

## **Syllabus of X (Pre-Foundation)**

### **PHYSICS**

Light : Reflection and Refraction

The human eye and colourful world

Electricity

Magnetic effect of electric current

Source of energy

### **CHEMISTRY**

Chemical equation and Reaction

Acid, Bases and Salts  
Metal and Non-metal  
Carbon and its compound  
Periodic classification

## **BIOLOGY**

Life process  
Control and Coordination  
How do organism reproduce  
Heredity and endution  
Our enviroment  
Sustainable management of natural resources.