

## SYLLABUS - CLASS - IX

### Physics

- \* Light
- \* Sound
- \* Stars and Solar System
- \* Motion
- \* Force and NLM
- \* Gravitation

### Chemistry

- \* Combustion and Flame
- \* Fossil Fuels (Coal, Petroleum & Natural Gas)
- \* Metals and Non-Metals
- \* Is Matter Around us Pure
- \* Matter in our surroundings

### Biology

- \* Conservation of Plants and Animals
- \* Crop Production and management
- \* Micro Organism : Friend and Foe
- \* Reproduction & Reaching the age of adolescence
- \* Food Production and Management
- \* Cell Structure and Function
- \* Tissue

### Maths

- \* Algebraic Expression & Identities
- \* Comparing Quantity
- \* Cube and Cube Root

- \* Direct and Inverse Proportions
- \* Exponents and Power
- \* Mensuration
- \* Squares and Square Roots
- \* Understanding Quadrilaterals
- \* Factorisation
- \* Number System
- \* Polynomial
- \* Linear Equation in one variable
- \* Lines, Angles and Triangles

### MAT

- \* Blood Relation
- \* Coding-decoding
- \* Counting of Figure
- \* Cubes and Dice
- \* Direction Sense
- \* Embedded Figure
- \* Insert the missing Character
- \* Letter Series
- \* Mathematical Operation
- \* Mirror Image
- \* Non-verbal Series
- \* Number Ranking
- \* Number series
- \* Venn-Diagram
- \* Water Image