

# SYLLABUS

## CLASS- 7<sup>th</sup> TO 8<sup>th</sup> MOVING

### PHYSICS

- Electricity: Circuits And Their Components
- Heat Transfer In Nature
- Measurement Of Time And Motion
- Light Shadows And Reflections
- Earth Moon And The Sun

### CHEMISTRY

- Introduction, Exploring Substances: Acidic, Basic And Neutral
- The World Of Metals And Non-Metals
- Changes Around Us : Physical And Chemical
- Waste Water Story
- Water A Precious Resource
- Fibre To Fabric

### BIOLOGY

- The Ever Evolving World Of Science
- Adolescence: A Stage Of Growth And Changes
- Life Processes In Animals
- Life Processes In Plants
- Transportation In Animals & Plants
- Reproduction in Plants
- Forest: Our Lifeline
- Weather, Climate & Adaptation
- Soil

### **EXAM PATTERN**

- The question paper consists of '60' objective type questions. Each question will carry 4 marks and all of them are compulsory.
- Each question contains four alternatives out of which only **ONE** is correct.
- There is **NO NEGATIVE** marking.
- Time duration: 90 Minutes
- Foundational knowledge from prior classes can also be asked.

### MATHEMATICS

- Large Number Around Us
- Arithmetic Expression
- A Peek Beyond Point
- Expressions Using Letter – Numbers
- Parallel And Intersecting Lines
- Number Play
- A Tale Of Three Intersecting Lines
- Working With Fractions
- Geometric Twins
- Operations With Integers
- Finding Common Ground
- Another Peek beyond Point
- Connecting The Dots
- Constructions and Tilings
- Finding The Unknown
- Exponents And Powers
- Rational Numbers
- Comparing Quantities
- Mensuration
- Visualising Solid Shape
- Probability

### MENTAL ABILITY

- Series Completion And Missing Character
- Analogy
- Classification
- Alphabet Test
- Coding Decoding
- Direction Sense Test
- Blood Relation
- Mathematical Operations
- Ranking And Ordering
- Puzzle Test
- Logical Venn Diagrams
- Arithmetical Reasoning
- Non Verbal Series
- Figure Partition And Counting