

SYLLABUS

CLASS- 8th TO 9th MOVING

PHYSICS

- Electricity: Magnetic And Heating Effects
- Exploring Force
- Pressure Winds, Storms And Cyclones
- Light Mirror And Lenses
- Keeping Time With The Skies
- Our Home Earth A Unique Life Sustaining Planet
- Sound
- Some Natural Phenomena

CHEMISTRY

- Introduction, Particulate Nature Of Matter
- Nature Of Matter: Elements, Compounds And Mixtures
- The Amazing World Of Solutes, Solvents And Solutions
- Coal And Petroleum
- Combustion & Flame
- Chemical Effects Of Electric Current & Magnetism
- Metals & Non Metals
- Synthetic Fibres And Plastics

BIOLOGY

- The Invisible Living World
- Health: The Ultimate Treasure
- How Nature Works In Harmony
- Reproduction In Plants & Animals
- Threats To Life On Earth
- Crop Production & Management
- Conservation Of Plants & Animals
- Reaching The Age Of Adolescence

MATHEMATICS

- A Square And a Cube
- Power Play
- A Story Of Numbers
- Quadrilaterals
- Number Play
- We Distribute Yet Things Multiply
- Proportional Reasoning I
- Proportional Reasoning II
- Fractions In Disguise
- The Baudhayana Pythagoras Theorem
- Exploring Some Geometric Themes
- Tales by dots and lines
- Algebra Play
- Area and Perimeter
- Rational Number
- Algebraic Expressions And Identities
- Factorization
- Introduction To Graph
- Practical Geometry

MENTAL ABILITY

- Series Completion
- Coding Decoding
- Mathematical Operations
- Direction Sense Test
- Logical Venn Diagram
- Blood Relations
- Cube And Dice
- Missing Character In Figure
- Ranking And Time Sequence Test
- Logical Deduction
- Non-Verbal Reasoning
- Mirror And Water Image
- Analytical Reasoning

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.