

ANTHE Syllabus

ANTHE Syllabus for Class 8th

- **Physics:** Force and Pressure, Friction, Sound, Chemical Effects of Electric Current
- **Chemistry:** Synthetic Fibers and Plastics, Materials: Metals and Non-Metals
- **Biology:** Crop Production and Management, Microorganisms: Friend and Foe, Conservation of Plants and Animals, Cell- Structure and Functions
- **Mathematics:** Squares and Square Roots, Exponents, Quadrilaterals, Percentage, Linear Equations in One Variable, Cubes and Cube Roots, Data Handling
- **Mental Ability:** Verbal & Non-Verbal Reasoning: Number and Alphabet Test, Series, Classification, Analogy, Direction Test, Coding and Decoding, Problems based on Figures.

ANTHE Syllabus for Class 9th

- **Physics:** Motion, Force, and Laws of Motion, Gravitation (Excluding Floatation)
- **Chemistry:** Matter in our Surroundings, Is Matter Around Us Pure?
- **Biology:** Cell: The Fundamental Unit of Life, Tissues
- **Mathematics:** Number Systems, Factorization of Polynomials, Lines and Angles, Congruency of Triangles, Heron's Formula
- **Mental Ability:** General Logical Reasoning, Analytical Reasoning, Figure Matrix, Problems based on Figures

ANTHE Syllabus for Class 10th

- **Physics:** Class 9 – Gravitation (Floatation only), Work and Energy, Sound Class 10 – Light-Reflection and Refraction, Electricity, Magnetic Effects of Electric Current
- **Chemistry:** Class 9– Atoms and Molecules, Structure of the Atom Class 10 – Chemical Reactions and Equations, Acids, Bases and Salts, Metals and Non-Metals
- **Biology:** Class 10– Life Processes- Nutrition, Respiration, Transportation, Excretion; Control and Coordination in Animals and Plants
- **Mathematics:** Class 9 & 10– Real Numbers, Polynomials, Triangles, Class 9– Mensuration, Circles; Quadrilaterals Class 10– Pair of Linear Equations in Two Variables, Quadratic Equations, Trigonometric Ratios and Identities

- Mental Ability: Verbal & Non-Verbal Reasoning – Series, Analogy, Classification, Coding and Decoding, General Logical and Analytical Reasoning, Problems based on Figures, Data Interpretation.