

THRIVE SYLLABUS

➤ **8th Studying**

- **Physics** : Force and Pressure | Friction | Sound | Chemical Effects of Electric Current
- **Chemistry** : Coal and Petroleum | Combustion and Flame (Combustion, Types of combustion, Fire)
- **Biology** : Crop Production and Management | Microorganisms - Friend and Foe | Conservation of Plants and Animals | Reproduction in Animals
- **Mathematics** : Rational Numbers | Linear Equations in One Variable | Understanding Quadrilaterals | Data Handling | Squares and Square Roots | Cubes and Cube Roots | Comparing Quantities
- **Mental Ability** : Verbal & Non-Verbal Reasoning: Series, Analogy | Number and Alphabet Test | Direction Test | Coding and Decoding | Problems Based on Figures

➤ **9th Studying**

- **Physics** : Motion | Force and Laws of Motion | Gravitation
- **Chemistry** : Matter in Our Surroundings | Is Matter Around Us Pure? | Atoms and Molecules
- **Biology** : The Fundamental Unit of Life | Tissues
- **Mathematics** : Number Systems | Polynomials | Coordinate Geometry | Lines and Angles | Triangles | Linear Equations in Two Variables
- **Mental Ability** : Verbal & Non-Verbal Reasoning: Series, Analogy, Classification | Coding and Decoding | General Logical Reasoning and Analytical Reasoning | Figure Matrix | Problems Based on Figures

➤ **10th Studying**

- **Physics** : Light - Reflection and Refraction | Human Eye and Colourful World | Electricity
- **Chemistry** : Chemical Reactions and Equations | Acids, Bases and Salts | Metals and Non-Metals
- **Mathematics** : Real Numbers | Polynomials | Pair of Linear Equations in Two Variables | Quadratic Equations | Arithmetic Progressions | Coordinate Geometry | Triangles | Introduction to Trigonometry | Some Applications of Trigonometry
- **Biology** : Life Processes | Control and Coordination | How do Organisms Reproduce?
- **Mental Ability** : Verbal & Non-Verbal Reasoning: Series, Analogy, Classification | Coding and Decoding | General Logical and Analytical Reasoning | Problems Based on Figures | Data Interpretation

➤ **11th Studying (Non-Med)**

- **Physics :** Kinematics | LOM | Friction | Work Power Energy | COM Collision | Rotational Motion
- **Chemistry :** Some Basic Concepts of Chemistry | Structure of Atom | Classification of Elements and Periodicity in Properties | Chemical Bonding and Molecular Structure | Thermodynamics
- **Mathematics :** Basic Mathematics | Sets | Relation and Functions | Trigonometry | P and C | Binomial Theorem | Sequence and Series

➤ **11th Studying (Med)**

- **Physics :** Kinematics | LOM | Friction | Work Power Energy | COM Collision | Rotational Motion
- **Chemistry :** Some Basic Concepts of Chemistry | Structure of Atom | Classification of Elements and Periodicity in Properties | Chemical Bonding and Molecular Structure | Thermodynamics
- **Biology :** The Living World | Biological Classification | Plant Kingdom | Animal Kingdom | Morphology of Flowering Plants | Anatomy of Flowering Plants | Structural Organization in Animals | Cell: The Unit of Life | Biomolecules | Cell Cycle and Cell Division

➤ **12th Studying (Non-Med)**

- **Physics :** Electrostatics | Capacitors | Current Electricity | Magnetic Effect of Current | EMI | AC
- **Chemistry :** Solutions | Electrochemistry | Chemical Kinetics | The d- & f-Block Elements | Coordination Compounds
- **Mathematics :** Matrices | Determinant | Functions and Relations | Inverse Trigonometry | Limits, Continuity and Differentiability | MOD | AOD

➤ **12th Studying (Med)**

- **Physics :** Electrostatics | Capacitors | Current Electricity | Magnetic Effect of Current | EMI | AC
- **Chemistry :** Solutions | Electrochemistry | Chemical Kinetics | The d- & f-Block Elements | Coordination Compounds
- **Biology :** Sexual Reproduction in Flowering Plants | Human Reproduction | Reproductive Health | Genetics and Evolution | Principles of Inheritance and Variation | Molecular Basis of Inheritance | Evolution