



Class IX

English

- **Comprehension:** Unseen Passage
- **Grammar:** Parts of Speech, Punctuations, Defining & Non-defining Relative Clauses, Modal Verbs, Using Connectors to Show Support & Contrast, Prefixes & Suffixes, Regular & Irregular Verbs, Tenses, Active/ Passive Voice and Narrations
- **Composition:** Persuasive Letter, Speech, Personal Narrative, Personal Response & Formal Email Writing
- **Communication:** Listening and Speaking

Mathematics

- Operations on Sets
- Squares and Square roots
- Cube and Cube roots
- Exponents and Radicals
- Algebraic Expressions (operations on polynomials)
- Factorization
- Simultaneous Linear Equation
- Algebraic Fractions
- Pythagoras Theorem
- Information Handling
- Construction of Triangles, Line Bisector, and Angle bisector

Science

- Structure of kidneys, nephron, excretion, disorders of the kidney
- Types of chemical reaction
- Lenses, their types, uses, the structure of the eye, defects of the eye
- Heat and its effects, expansion, and contraction of solids and liquids and its effects
- Acids, alkali and salts
- Heredity, Cell division, DNA, variation and its causes
- Pressure, hydraulic machine and its application, Gas law

اردو

- تخلیقی لکھائی: مرکزی خیال، تشریحات، خلاصہ، جملوں کی وضاحت، مضمون نویسی، خطوط نویسی، مکالمہ نگاری، مراسلہ نگاری
- قواعد: سابقہ لاحقہ، جملہ اسمیہ فعلیہ، مضمون، ناول، افسانہ، لوک کہانی، آپ بیتی، ملی / قومی شاعری، ردیف قافیہ، محاورات، اصناف نظم و نثر

Note: The recommended books of:

Science: New Oxford Secondary Science | **Mathematics:** New Syllabus D Series Mathematics