



**Class VII**

**English**

- **Comprehension:** Unseen Passage
- **Grammar:** Suffixes & Prefixes, Homophone, Phrasal Verbs, Similes, Parts of Speech, Articles, Punctuation, Kinds of Sentences, Simple, Continuous, & Perfect Tenses
- **Composition:** Descriptive Paragraph, Story, Summary, Informal Letter & Email & Narrative Writing
- **Communication:** Listening and Speaking

**Mathematics**

- Sets and Venn Diagram
- Natural Numbers, Whole Numbers and Integers
- LCM and HCF
- Ratio and Proportion
- Algebra (Addition, Subtraction, simplification, and evaluation)
- Linear Equations
- Angles and Triangles
- Area and Volume

**Science**

- Types of cells and tissues in plants and animals, organisms
- Types of Energy
- Components and types of solution, suspension
- Sound, noise, loudness, pitch, amplitude, oscilloscope
- Living things, adaptations, habitats, physical factors of environment, feeding relationship
- Reflection of light and its types, types of mirrors, total internal reflection, periscope
- Photosynthesis and respiration in plants
- Atoms, molecules, elements, mixtures, compounds, alloys

**اردو**

- **تخلیقی لکھائی:** تفہیم، خطوط نویسی، درخواست، مضمون نویسی، کہانی نویسی
- **قواعد:** تشابہ الفاظ، علامات وقف، الفاظ متضاد، سابقے لاحقے، عربی قاعدے سے جمع بنانا، املا کی اغلاط، مترادف الفاظ، مذکر مونث کے قاعدے / مذکر الفاظ سے مونث بنانے کے قاعدے، مرکب عطفی، اسم نکرہ، اسم معرفہ کی اقسام، محاورات / ضرب الامثال، ضما، گنتی

**Note: The recommended books of:**

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