

**Futuristic International School**  
**Entrance Test Syllabus 2024-2025**  
**Grade VIII**

| Subjects | Topics  |
|----------|---|
| English  | <ul style="list-style-type: none"><li>● Reading Comprehension</li><li>● Narrative writing/ descriptive writing/ Letter writing/ Application/ Summary writing</li><li>● Auxiliary Verbs</li><li>● Modal verbs (could, should, must have, can, have to, might, and may)</li><li>● Direct and Indirect speech</li><li>● Active and Passive voice</li><li>● All tenses</li><li>● Use of articles</li><li>● All parts of speech</li><li>● Suffixes and prefixes</li><li>● Punctuation (capitalization, full stop, comma, exclamation mark, and question mark)</li><li>● Synonyms (Common words with same meanings), Antonyms (Common words with opposite meanings)</li><li>● Common Vocabulary</li></ul> |
| اردو     | <ul style="list-style-type: none"><li>● تفہیم</li><li>● عنوانات میں سے کسی ایک پر مضمون تحریر کرنا/ خط لکھنا</li><li>● الفاظ اور محاورات کو جملوں میں استعمال کرنا</li><li>● حصہ قواعد ( واحد جمع، الفاظ متضاد، الفاظ مترادف، تشابہ الفاظ، مرکب الفاظ، ضرب الامثال</li></ul>  |

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| <b>Math</b>    | <ul style="list-style-type: none"> <li>● <b>LCM and HCF</b></li> <li>● <b>Approximation</b></li> <li>● <b>Linear equations</b></li> <li>● <b>Basic Algebra</b></li> <li>● <b>Percentage( Percentage increase/decrease and word problems)</b></li> <li>● <b>Area and Perimeter of Triangle and Quadrilaterals</b></li> <li>● <b>Ratio, Rate, and Time</b></li> <li>● <b>Pie Chart and Bar graph</b></li> <li>● <b>Graph of Linear equations</b></li> <li>● <b>Number Patterns</b></li> </ul>   |
| <b>Science</b> | <ul style="list-style-type: none"> <li>● <b>Variation and Inheritance</b></li> <li>● <b>The circulatory system</b></li> <li>● <b>The digestive system and enzymes</b></li> <li>● <b>Naming compounds and writing formulae</b></li> <li>● <b>Writing word equations</b></li> <li>● <b>Acid and Alkalis</b></li> <li>● <b>Diffusion and density (Numericals included)</b></li> <li>● <b>Speed and distance-time graphs (Numericals included)</b></li> <li>● <b>Refraction of light (Numericals included)</b></li> <li>● <b>Gravitational potential energy and Kinetic energy</b></li> </ul> |