



## Syllabus for Entrance Test Grade - VIII

### English

1. Comprehension from unseen passage as well as poems
2. Formal letter Writing
3. Notice Writing
4. Article Writing
5. Paragraph Writing
6. Tenses, Active and Passive voice
7. Reported Speech
8. Preposition
9. Connectors
10. Modals
11. Determiners and Articles
12. Jumbled up sentences

### Math

1. Multiplication and division of integers and fractions
2. Rational Number and Decimals
3. Algebraic expressions (Positive and Negative only)
4. Simple equation - Linear equation in one variable
5. Complementary, Supplementary, Adjacent, Vertically opposite, Linear pair, Parallel line (Corresponding, Alternate and Co-interior angles) (only pairs)
6. Parallel lines (Corresponding, Alternate and Co-interior angles) (only pairs)
7. Triangle angle sum, Exterior angle, Side sum properties and Pythagoras Theorem

### Science:

#### Physics

1. Heat
2. Motion and Time
3. Electric Current and its Effects.
4. Light

#### Biology

1. Nutrition in plants and animals
2. Respiration in living organisms
3. Excretion and Transportation in living organisms
4. Reproduction in plants

#### Chemistry

1. Acids, Bases and Salts
2. Physical and Chemical change