



# DELHI PUBLIC SCHOOL AGRA

(Under the aegis of The Delhi Public School Society, East of Kailash, New Delhi)

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## Syllabus for Entrance Test (Session 2021-22) 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 and Decimals
3. Algebraic expressions (positive and negative only)
4. Linear equation in one variable
5. Complementary, Supplementary, Adjacent, Vertically opposite, Linear pair, Corresponding, Alternate and Co-interior angles (only pairs)
6. Parallel lines
7. Triangle angle sum, Exterior angle, Side sum properties and Pythagoras Theorem

### Science:

#### Physics

1. Heat
2. Winds, storms and cyclones
3. Motion and Time

#### Chemistry

1. Fibre to fabric
2. Acids, Bases & Salts
3. Physical and Chemical changes

#### Biology

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

### Social Science

1. Delhi Sultans and Mughal Empire
2. Media and Democracy
3. Forest vegetation and Wildlife