



# 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 Grade – X

### English

1. Comprehension from unseen Passage as well as from poems
2. Verb Forms (Tenses)
3. Subject Verb Agreement
4. Modals
5. Determiners
6. Prepositions
7. Reported speech
8. Active and Passive Voice
9. Letter Writing- Formal & Informal

### Mathematics

1. Circles (1. there is one and only one circle passing through three given non collinear points 2. if a line segment joining two points subtend equal angles at two other points lying on the same side of the line containing the segment ,the four points lie on a circle)
2. Constructions (construction of a triangle of given perimeter and base angles)
3. Heron's formula (Application of heron's formula in finding areas of quadrilaterals)
4. Statistics [histograms (with varying base lengths) 2. frequency polygons 3. mean, median and mode of ungrouped data]

### Science:

#### Physics

1. Motion
2. Force and Laws of Motion
3. Gravitation
4. Work & Energy

#### Chemistry

1. Is matter around us pure
2. Atoms and Molecules
3. Structure of Atom

#### Biology

1. Diversity in living Organisms
2. Why do we fall ill