



Syllabus Outline - For Admission in Y7

(Minimum Age 12, Maximum Age 12.11 Years on 1st September, 2024)

Subject	Syllabus
English	<ul style="list-style-type: none">Unseen comprehension passage <p><u>Grammatical Concepts:</u></p> <ul style="list-style-type: none">Parts of speechVerb tensesConnectivesApostrophes used for contraction and possessionTypes of sentences (simple, compound and complex)Adjective & adverbial phrases and clausesRelative clausesSubject-verb agreementActive and passive voiceSynonymsFigurative language (simile, metaphor, idiom, personification, etc.)Punctuating dialoguesPunctuation marks (dashes, hyphens, colons and semi-colons, brackets, commas, questions marks, ellipses, etc.) <p><u>Writing Skills</u></p> <ul style="list-style-type: none">Personal Narrative
Urdu	<ul style="list-style-type: none">مضمون نویسیتفہیمجملہ سازیای میل

Number and Number System

Whole Numbers & Decimals

- Place Value of Whole Numbers up to a million.
- Place Value of Decimals up to 3 decimal places.
- Rounding whole numbers to a specified number of places.
- Rounding decimals up to 2 decimal places.
- Comparing and ordering whole numbers, decimals and fractions.
- Positive and Negative Number sequences.
- Factors and Multiples.
- Prime and Composite Numbers.
- Divisibility rules for 2, 3, 4, 5, 6, 9, 10, 25, and 100.
- Comparing and ordering whole numbers, decimals and fractions.
- Finding fractions or percentages of quantities.
- Converting between fractions, decimals and percentages
- Addition and Subtraction of decimals up to 2 decimal places.
- Multiplying two 2– digit numbers.
- Dividing a 3– digit number by a single–digit number.
- Multiplying a decimal by a whole number.
- Ratio and Proportion.
- Problem solving involving Addition, Subtraction, Multiplication and Division.
- Convert mixed numbers into improper fractions and vice versa.
- Finding equivalent fractions and simplest forms of fractions, Fraction and decimals equivalents.

Geometry

- Classification of triangles. And quadrilaterals and their properties
- Classification of angles.
- Drawing angles including reflex angle.
- Sum of angles in a triangle.
- Parts of Circle
- Find Diameter and Radius
- Rotational Symmetry.
- Area and Perimeter of squares, rectangles and triangles.
- Identification of 2D and 3D shapes including Nets.

Time

- Expressed Time in decimals.
- Calculating Time Intervals.

Handling Data

- Bar charts, pie charts and line graphs, Scatter graph.
- Averages and ranges
- Probability.