

Syllabus for Admission Test for Grade 6

Mathematics

1. Number

Counting and Sequences

- Count forward and backward, including through zero and with negative numbers
- Simple number patterns and sequences

Integers and Powers

- Four operations with integers
- Order of operations
- Prime and composite numbers
- Divisibility rules (by 2, 3, 4, 5, and 10)

Place Value, Ordering, and Rounding

- Place value in decimals (up to hundredths)
- Multiply/divide whole numbers and decimals by 10 and 100
- Round decimals to the nearest whole number

Fractions, Decimals, Percentages, Ratio & Proportion

- Four operations on fractions
- Convert between proper fractions, decimals, and percentages
- Recognize and calculate simple percentages of shapes and numbers (e.g., 10%, 25%, 50%)
- Compare and order fractions, decimals, and percentages using symbols (=, >, <)
- Ratio and proportion

2. Geometry and Measure

Time

- 12-hour and 24-hour formats
- Time intervals (in minutes, hours)

Geometrical Reasoning, Shapes & Measurement

- Identify and describe triangles (isosceles, equilateral, scalene)
- Identify parts of a circle (center, radius, diameter, circumference)
- Perimeter and area of square, rectangle and triangles
- Classify angles (acute, right, obtuse)
- Angles on a straight line add up to 180°

Position and Transformations

- Read and plot coordinates in the first quadrant

3. Statistics and Probability

Statistics

- Median, mode and range

Probability

- Use basic probability language (e.g., certain, likely, unlikely, impossible)

English

- **Grammar:**
 - Nouns (common noun, proper noun)
 - Pronouns
 - Collective nouns
 - Compound nouns
 - Verbs (singular and plural forms of verbs)
 - Auxiliary verbs (is, am, are, has, have, was, were)
 - Adjectives (comparative and superlative)
 - Adverb (-ly form, adverb of manner)
 - Modals of ability (can, could, will be able to, may, might)
 - Prepositions
 - Interjections
 - Conjunctions (coordinating conjunctions: F.A.N.B.O.Y.S)
- **Vocabulary:**
 - Synonyms
 - Antonyms
 - Singular and plurals of nouns and verbs (by adding 's', 'es', 'ies)
 - Prefixes (--pre, un, re-)
 - Suffixes (--ful, --tion, --ment)
 - Homophones
- **Punctuation:** question mark, exclamation mark, full stop, comma, capital letters, and speech marks

اردو

ادب:

الفاظ کے جملے بنانا۔

قواعد:

واحد جمع۔ الفاظ متضاد۔ الفاظ مترادف۔ مذکر مونث۔ جملوں کی درستگی

رموز اوقاف (ختمہ، سکتہ، واوین، قوسین)

تفہیم:

ان دیکھی تفہیم