

## Syllabus for Admission Test for Grade 4

### Mathematics

#### 1. Number

##### Counting and Sequences

- Count forward and backward in steps of constant size (including across zero).
- Identify and extend simple number patterns and sequences

##### Integers and Powers

- Write, and order numbers greater than 1000 and less than 0.
- Four operations with whole numbers.
- Multiplication tables from 1 to 10.
- Divisibility rules (by 2, 5, 10, 25, 50, 100).
- Factors and multiples.

##### Place Value, Ordering and Rounding

- Place value in whole numbers.
- Compose, decompose, and regroup whole numbers.
- Compare and order positive and negative numbers using symbols ( $=$ ,  $>$ ,  $<$ ).
- Round numbers to the nearest 10, 100, 1000, 10,000, or 100,000.

##### Fractions, Decimals, Percentages

- Add and subtract fractions with the same denominator.
- Compare and order proper fractions using symbols ( $=$ ,  $>$ ,  $<$ ).
- Equivalent proper fractions.
- Percentages

#### 2. Geometry and Measure

##### Time

- Convert between units of time (e.g., hours to minutes).
- Read and write time in digital and analogue (12- and 24-hour formats).
- Time intervals across days, weeks, months, and within hours and minutes.

##### Geometrical Reasoning, Shapes & Measurement

- Calculate perimeter and area of square and rectangles
- Classify angles (acute, right, obtuse).

#### 3. Statistics

- Plan and conduct data investigations.
- Organize and represent data using:
  - pictograms & bar charts
  - dot plots

## English

- **Grammar:**
  - Nouns (common noun, proper noun)
  - Pronouns
  - Collective nouns
  - Verbs (singular and plural forms of verbs)
  - Auxiliary verbs (is, am, are, has, have, was, were)
  - Adjectives
  - Adverb (-ly form only)
- **Vocabulary:**
  - Opposites (gender, sizes, feelings)
  - Singular and plurals of nouns and verbs (by adding 's', 'es', 'ies')
- **Punctuation:** question mark, exclamation mark, full stop, capital letters and comma

## اردو

جماعت: چہارم

ادب:

الفاظ کے جملے بنانا۔

قواعد:

واحد جمع۔ الفاظ متضاد۔ مذکر مونث۔ معرفہ نکرہ۔ فعل کی اقسام (ماضی۔ حال۔ مستقبل)

تفہیم:

ان دیکھی تفہیم

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