

Secondary Section: Grade VI

According to AIS Admission Policy, at around 11 years of age, your child is suitable to be admitted in Grade VI of the AIS Secondary Section.

In order to cope up with a wide range of activity based lessons, your child must be well acquainted with particular levels of skills, knowledge and understanding.

The following literacy and numeracy skills are required in your child as prerequisites for this grade:

English

Comprehension

For attempting the comprehension the child needs to understand a wide range of different text such as:

- Fictions texts
- Non-fiction texts

Grammar

- Parts of Speech (Nouns, Adverbs, Adverbial phrases and clauses, Adjectives, Comparative and Superlative , Reflexive pronouns, Propositions, Pronouns, conditionals/if clause ,Conjunctions)
- Figures of Speech (Onomatopoeia, Metaphors, Personification, Similes)
- Active and passive voice
- Direct/ reported speech
- Punctuation (Ellipsis, Dashes, Commas, Brackets, Hyphen, Exclamation mark, Colon, Semicolon, Inverted commas and Apostrophes)
- Homophones/ homographs
- Use of connectives
- Suffixes/Prefixes
- Use of compound and complex sentences

Vocabulary

- Synonyms/antonyms
- Use of Proverbs

Creative Writing

- Letter
- Personal recount
- News report
- Essay
- Summarizing the main idea

Mathematics

Numbers

- Recognizing, Comparing & ordering numbers up to 100,000
- Place values and decimals
- Rounding and estimating to the nearest 100 and 1000
- Word problems single-step (all four operations)
- Word problems two-step (addition & subtraction)
- Factors and Multiples
- Addition, subtraction, multiplication and division using decimal numbers

Fractions and Decimals

- Types of Fractions
- Equivalents
- Reducing fractions into simplest form
- Converting fractions into decimals
- Comparing fractions

Ratio and proportions

- Solving simple problems and word problems involving ratio and direct proportion.

Percentages

- Find percentages of amounts and shapes

Length, mass and capacity

- Converting smaller metric units into larger ones (Kilometers, meters, Liters, milliliters, kilograms and grams)
- Understand metric units and use these to perform simple calculations
- Arranging measurements into a sequence with units

Geometry

- Properties of 2-D and 3-D shapes
- Nets of 3D shapes
- Plotting Coordinates

Length, area and perimeter

- Finding perimeter of given figures in cm & m
- Finding area of given figures in cm^2 & m^2

Angles in a Triangle

- Properties of a triangle
- Recognizing angles (right angles, acute and obtuse angles)
- Calculating missing angles in a triangle

Science

- **Humans and animals** (Body organs, digestive system, lungs and breathing, heart and circulatory system)
- **Living things in the environment** (Food chains in a local and different habitats, Deforestation, Air pollution, Acid rain, Consumers, Producers and predators, Plants)
- **Electricity** (Electrical conductors and insulators, circuit symbols and diagrams, metals and alloys)
- **Forces and motion** (Mass and weight, forces and energy, effects of energy)
- **States of matter** (Water cycle, evaporation and condensation, how to purify water)

Urdu

اردو گرامر:

واحد جمع

رشتوں اور جانوروں کے مذکر مونث

الفاظ متضاد

الفاظ مترادف

نثر پارے سے غلط املا والے الفاظ پہچان کر درست املا لکھنا

جملے بنانا

ایک سے پچاس تک الفاظ اور ہندسوں میں اردو گنتی

تفہیم

تخلیقی تحریر:

مضمون نویسی

درخواست نویسی

خط نویسی