Secondary Section: Grade V

According to AIS Admission Policy, at around 10 years of age, your child is suitable to be admitted in Grade V 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

Language Skills

- Speak with clarity
- Read the given paragraph/short rhyme/poem independently with correct pronunciation fluency and intonation and confidence.

Comprehension

For attempting the comprehension, the child needs to understand a wide range of different text such as:
- Fictions texts
- Non-fiction texts (factual, newspaper reports, brochures, explanatory, diary, play script, recipe, advertisement)

Grammar

- Past, present and future tense
- Figurative language (simile, alliteration)
- Verb Tenses
- Connectives
- Forms or types of sentences
- Subject-verb agreement
- Comparative adjectives or degrees of adjectives
- Quantifiers
- Possessive plurals
- Homophones
- Suffixes
- Command words
- Parts of Speech (nouns, propositions, interjections, adverbs, adverbial phrases and clauses, pronouns, phrases and clauses)
- Direct and Reported speech
- Punctuation (full stop, comma, semicolon, colon, question mark, exclamation mark, speech marks and apostrophes)
- Synonyms/Antonyms

Creative Writing

- Story
- Instructional writing
- Diary writing
- Character profile
- Dialogue
- Letter writing (formal and informal)

Mathematics

Numbers

- Recognizing, Comparing & ordering numbers up to 10,000
- Place value of digits in numbers up to three decimal places
- Multiply and divide four numbers and decimals by 10, 100 & 1000
- Addition and subtraction of whole numbers up to six digits
- Multiply a number up to five digits by a number up to three digits
- Divide numbers up to five digits by a number up to two digits
- Rounding numbers with decimal places to the nearest whole number
- Understand percentages as part of 100 and find simple percentages of quantities.
- Multiples and factors
- Word problems single-step (all four operations)
- Word problems two-step (addition & subtraction)

Fractions

- Equivalent fractions
- Comparing and ordering fractions
- Addition & subtraction of fractions
- Finding simple fractions of quantities.
- Multiplying and dividing fraction by a whole number

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

Time

- Telling time
- Conversion of hours and minutes
- Calculating time interval

Temperature

- Calculate rise and fall of temperature
- Difference between positive and negative integers

Angles

- Identify, estimate the size and classify angles as right, acute and obtuse
- Sum of angles on a straight line

Area & Perimeter

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

Science

- **Habitat** (food chains, causes of deforestation, types of pollution and their effects)
- **Human Body** (types of skeleton, joints, muscles and tendons)
- **Friction** (air resistance, water resistance, factors affecting resistance, ways to reduce friction)
- **Heat** (conductors and insulators)
- **Matter** (states of matter, reversible and irreversible changes, solutions)
- **Plants** (photosynthesis, reproduction in plants, types of pollination, parts of a plant)

Urdu

اردو گرامر:

واحد کے جمع

الفاظ متضاد، الفاظ مترادف

اسم خاص اور اسم عام میں امتیاز کرنا، اسم نکرہ و معرفہ، اسم ضمیر

سابقے لاحقے

فعل، فاعل، مفعول، اسم، جملے زمانے کے مطابق تبدیل کرنا، فعل امر و نہی کے جملے بنانا

استفہامیہ اور واوین کا استعمال

حروفِ عطف

محاورے، مرکب جملے بنانا

جملوں کی درستگی

قوسین

مذکر مونث

حرف کی پہچان اور استعمال

ایک سے پچاس تک الفاظ اور ہندسوں میں اردو گنتی

تفہیم

تخلیقی تحریر:

درخواست نویسی

خط نویسی

کہانی

مضمون نویسی