



NEFERTARI INTERNATIONAL SCHOOLS IN CAIRO
AMERICAN DIVISION
ADMISSION ASSESSMENT OUTLINE
GRADE SIX

MATHEMATICS

Numbers

- Multiply and divide 4-digit number by a 2 - digit number
- Write and evaluate numerical expressions using order of operations
- Fractions: Compare, order, add and subtract fractions and mixed numbers with different denominators, multiply fractions and mixed numbers, divide fraction by a whole number
- Decimals: Write decimals to thousandths in word form expanded form and standard form, round, compare, order, add, subtract, multiply and divide decimal number by a whole number
- Write multiples of 10s using exponents

Measures

- Calculate volume of rectangular prisms
- Calculate area of rectangles
- Calculate elapsed time, start time and end time
- Convert metric units: Km- m- cm and mm, Kg and grams, Litres and ml

Statistics

- Represent data in line plots

Geometry

- Plot points on coordinate grid using ordered pairs
- Identify graphs relationships
- Classify polygons (regular, irregular)
- Classify triangles
- Classify quadrilaterals (square, rectangle, parallelogram, trapezoid, rhombus)



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ENGLISH

Test Sections

1. Reading Comprehension
2. Vocabulary
3. Language Arts/ Mechanics (Grammar & Usage)
4. Writing

Reading

- *Analyze structure of nonfiction
- *Interpret figurative language and tone
- *Identify claims and supporting evidence
- *Determine the theme, text Genre, and plot

Vocabulary

- *Synonyms and antonyms
- *Analogies: Type, characteristic, degree
- *Context Clues: Inference, example, definition strategies
- *Word Structure: Prefixes (trans-, inter-), Suffixes (-ion, -ist)

Language Arts/ Mechanics

- *Identify and correct grammatical errors
- *Vary sentence structure
- *Avoid misplaced modifiers and run-ons
 - * Sentence Combining
- *Identify the parts of speech



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Writing

- *Construct arguments with clear reasoning
- *Organize ideas and paragraphs logically
- *Use formal style and transitions
- *Use vivid, precise vocabulary and varied sentences

Tips for Preparing Students

- *Practice analogies daily (turn them into games!)
- *Use flashcards for roots and affixes
- *Model using context clues while reading aloud
- *Focus writing practice on organizing ideas clearly
- *Provide tiered vocabulary lists by subject (academic vs. everyday use)
- *Emphasize grammar within the writing process, not just in isolation