



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

MATHEMATICS

Numbers

- Numbers to 100, 000: write numbers in word form, expanded form and standard form, compare, order and round numbers.
- Add and subtract numbers up to 6-digit numbers
- Multiply 4-digit number by 1-digit number and 2- digit number by 2-digit number
- Divide 3-digit number by 1- digit number
- Use order of operations to solve problems
- Identify multiples, factors, prime and composite numbers
- Fractions: Equivalent fractions, compare, order, add and subtract fractions with common denominators or common multiples, change improper fraction to a mixed number, multiply fraction by a whole number
- Decimals: Represent fractions as decimals, compare, order and round decimals to the nearest hundredths

Measures

- Find perimeter and area of rectangles using formula
- Compare lengths using km, m, cm, mm
- Compare mass using Kg and grams
- Compare volume using Litre and ml
- Time: Compare units of time using hour, minutes, seconds and calculate elapsed time

Statistics

- Represent data I line plots

Geometry

- Identify lines, rays and angles
- Measure and draw angles using a protractor
- Identify parallel and perpendicular lines
- Classify triangles
- Identify and draw lines of symmetry



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ENGLISH

Test Sections:

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

Reading

- *Analyze character development
- *Determine author's purpose and theme
- *Understand the plot

Vocabulary

- *Word Groups: Abstract synonyms/antonyms (justice/injustice)
- *Analogies: Synonym, antonym, category, function
- *Context Clues: Cause/effect and contrast clues
- *Roots/Affixes: bio-, geo-, -logy, -ist

Language Arts/ Mechanics

- *Compound/Complex sentences
- *Use of commas, quotation marks
- *Conjunctions (although, unless, while)

Writing

Write opinion and narrative three-paragraph essay

- *Use transitions and evidence
- *Revise for clarity and grammar



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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