



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

MATHEMATICS

- Solving equation (Two steps equations)
- Solving inequalities (Two step inequalities)
- The slope of a line (find slope using two points)
- Adding, subtracting, Multiplying and dividing expression
- Factorization
 - GCF
 - Difference of two squares
 - Factoring trinomial
 - Factoring by grouping
 - Factoring Cubic binomial
- Area and perimeter of 2-D shape
- Pythagorean Theorem
- Congruency of Triangles
- Relationship between angles (angles formed by two parallel line and transversal)



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ENGLISH

Reading Literature

- Read and comprehend stories proficiently.
- Describe characters, settings, and major events in a story, using key details. Identify words and phrases in stories or poems that suggest feelings or appeal to the senses.
- Compare and contrast the treatment of similar themes and topics (e.g., opposition of good and evil) and patterns of events (e.g., the quest) in stories, myths, and traditional literature from different cultures.
- Determine the meaning of words and phrases as they are used in a text, including figurative language such as metaphors and similes.
- Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.
- Determine and analyze the meaning of words and phrases as they are used in works of literature, including figurative and connotative meanings.
- Analyze the impact of the author's choices regarding how to develop and relate elements of a story or drama.
- Cite strong and thorough textual evidence to support analysis of what a text says explicitly as well as inferences and interpretations drawn from the text.
- Analyze in detail how an author's ideas or claims are developed.
- Determine an author's perspective or purpose in a text, and analyze how an author uses rhetoric to advance that perspective or purpose. Integration of Knowledge and Ideas.

Reading Informational Text

- Identify the main topic and retell key details in a text.
- Describe and analyze relationships between illustrations and the text in which they appear (e.g. what person, place, thing, or idea in the text an illustration depicts).
- Identify the main purpose of a text, including what the author wants to answer, explain, or describe.
- Describe the connection between a series of historical events, scientific ideas or concepts.
- Describe the relationship between a series of historical event, scientific ideas or concepts, or steps in technical procedurals in a text, using language that pertains to time, sequence, and cause/ effect.
- Distinguish their point of view from that of the author of a text.



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- Use information gained from illustrations (e.g. maps, photographs) and the words in text to demonstrate understanding of the text.
- Determine the main idea of a text and explain how it is supported by key details; summarize the text.
- Explain how an author uses reasons and evidence to support particular points in a text.

Writing

- Write analytical arguments that present clear claims, evaluate counterclaims, and use logical reasoning with credible evidence.
- Develop informative/explanatory essays that analyze complex ideas, concepts, or processes through effective organization and transitions.
- Compose narratives that use multiple techniques—such as flashbacks or foreshadowing—to deepen meaning and develop tone.
- Revise writing to improve argument strength, precision of language, and structural coherence.
- Conduct research to answer self-generated questions, narrowing or broadening focus when necessary.
- Integrate evidence from diverse print and digital sources while evaluating credibility and relevance.
- Use academic vocabulary accurately and maintain an objective tone in formal writing.
- Employ digital tools to draft, publish, and revise writing interactively with peers.

Language

- Apply advanced grammar skills, including correct use of parallel structure and subjunctive mood.
- Maintain consistency in style, voice, and verb tense throughout complex compositions.
- Recognize and correct vague pronouns and faulty pronoun case.
- Use punctuation (colons, semicolons, ellipses, dashes) to clarify relationships between ideas.
- Choose precise language to convey tone and purpose in academic and creative writing.
- Analyze word choice for impact, style, and figurative effect.
- Expand academic and domain-specific vocabulary through context, morphology, and reference tools.
- Edit for grammatical accuracy, logical flow, and stylistic clarity.