



**Sir Manasseh Meyer  
International School**

---

A VISION FOR EXCELLENCE

## **GRADE 5 CURRICULUM SUMMARY**

- ENGLISH
- ENGLISH WRITING
- MATHEMATICS
- SCIENCE
- HISTORY
- MANDARIN

## ENGLISH

Students will read and examine works from the ancient era. They will study some of the oldest literary texts known to mankind. They will study texts from the Mesopotamian and Greek times and will appreciate the strong influence of mythology in these works. In addition to this they will be part of the middle school Shakespeare experience unit with the study of Julius Caesar.

**Grade 5 text:** Gilgamesh – The Hero; A Place in the Sun<sup>154</sup>; D’aulaires Book of Greek Myths; William Shakespeare and the Globe – Alik; Julius Caesar

- The English literature curriculum is strongly connected with the history, art and Judaic history. Students will be able to make connections across subjects and will have a holistic learning experience.
- The text will be used to teach elements of literature; biographical information about authors; and significance of the work in the history and development of literature. The literature is used as a springboard for writing projects that include essay writing, creative writing, and research writing.

## ENGLISH WRITING

Through the Hochman Method, students will learn, develop and utilize different sentence strategies to build linguistically complex sentences that can be used across all subject areas. Morphology and etymology as cornerstones for building a robust vocabulary are also taught. Students will refine their outlining skills in preparation for writing persuasive paragraphs. Furthermore, students will learn the proper outline technique to help convert their ideas into powerful and cohesive five-paragraph essays. Learning how to write eye-catching introductions and concise, cogent conclusions are key to students writing in 5th grade. Students will write at least two drafts on all essays to learn the skills of revision and editing which will enhance the unity and coherence of their writing. Finally, at the end of the year students will write a restaurant review which incorporates the strategies and tools learned throughout the year.

## MATHEMATICS

- Whole numbers and fractions
- Triangles
- Ratio and decimals
- Measurements
- Average and percentage; angles
- Properties of triangles & 4-sided figures
- Geometrical construction; volume of cube and cuboid
- Circles; pie charts; area and perimeter
- Volume of solids and liquids

## SCIENCE

**LIVING SYSTEMS:** The Living Systems Module has four investigations that focus on systems as the unit of study. The idea of a system is one of the grand integrating (cross-cutting) concepts that pervade all of science.

**MOTION, FORCE AND MODELS:** The Motion, Force, and Models Module has four investigations that focus on the physical science concepts of force and motion and provide students with in-depth experiences with scientific and engineering practices.

**LANDFORMS:** The Landforms Module consists of five investigations that introduce students to these fundamental concepts in earth science: change takes place when things interact; all things change over time; patterns of interaction and change are useful in explaining landforms.

## HISTORY

Students will study 5 ancient civilizations: Mesopotamia, Egypt, Israel, Greece and Rome to gain an appreciation and understanding of their contributions to the development of our modern world.

## MANDARIN

- Core vocabulary list of 200 words.
- Develop listening and speaking of high-occurrence sentence patterns relating to self-expression.
- Identifying high-occurrence radicals in Mandarin characters to aid recognition and electronic input.
- Able to understand and express simple words and sentences to achieve specific communication tasks.
- Chinese culture appreciation in selected topics.