



**Sir Manasseh Meyer
International School**

A VISION FOR EXCELLENCE

GRADE 4 CURRICULUM SUMMARY

- **ENGLISH**
- **MATHEMATICS**
- **SCIENCE**
- **SOCIAL STUDIES**
- **MANDARIN**

ENGLISH

JUNIOR GREAT BOOKS: Utilize the Junior Great Books to become familiar with different genre. Develop a variety of reading strategies through direct instruction, modeling and class/group discussion. They will also identify and use nonfiction and expository text.

GRAMMAR: nouns – singular, plural, proper, compound, possessive. Verbs, adjectives and articles, apply correct writing mechanics.

Understand and apply conventions and mechanics of language through the use of the basic writing skills program.

MATHEMATICS

- Whole Numbers
- Multiplication and division of whole numbers
- Fraction and decimals
- Time, tables and line graphs
- Area, perimeter and volume
- Geometry
- Word problems

SCIENCE

MIXTURES AND SOLUTIONS: plan and conduct investigations on saturation, solubility. Observe and compare reactants and products of chemical reactions.

SUN, MOON AND PLANETS: observe and compare shadows, use models to explain day and night, moon's phase cycle, and classifying planets.

ENVIRONMENTS: determine an organism's environmental preference for various nonliving factors for survival. Conduct controlled experiments with organisms to discover their range of tolerance for environmental factors.

SOCIAL STUDIES

MULTICULTURAL STUDIES: the students will gain an appreciation and understanding of Singaporean, African, Chinese, Japanese, and Indian history and culture to enable them to recognize the contributions of these civilizations.

MANDARIN

- Core vocabulary list of 150 words.
- Identifying high-occurrence sentence patterns relating to daily routines.
- Identifying high-occurrence radicals in Mandarin characters to aid recognition.
- Ability to understand and express simple words and have a foundation to pursue further studies.
- Chinese culture appreciation in selected topics.