



**Sir Manasseh Meyer  
International School**

A VISION FOR EXCELLENCE

## **GRADE 4 CURRICULUM**

- **LITERACY**
- **MATHEMATICS**
- **SCIENCE**
- **SOCIAL STUDIES**
- **PSHE**
- **ELECTIVES**

## GRADE 4

### **LITERACY**

**Reading and Language:** Utilize a range of literature 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.

### **PSHE (Personal Social, Health Education)**

PSHE is a developmental program of learning through which children of Grades 1-8 acquire the knowledge, skills and understanding to manage their lives now and in future. PSHE builds on the skills for students to develop effective relationships, assume greater responsibility and manage personal safety. It will introduce the students to a wider world and enable them to make an active contribution to their communities.

### **ELECTIVES**

**Guided Reading:** The teachers will use specific teaching strategies that will help students develop a better understanding of text, especially novels. These skills are important for the mastery of comprehending. The guided reading groups will discuss and work with contemporary and classic novels to develop those skills.

**International Studies:** The International Studies elective will focus on "Our World". The focus is on being a responsible global citizen who takes care of our planet for the present and future generations. Grade 5 will focus on Natural Disasters, prevention and disaster management.

**World Religions:** The purpose of World Religions at SMMIS is to provide students with opportunities to learn about and learn from the world's major religions: Hinduism, Buddhism, Christianity, Islam and Sikhism. Various aspects of these religions are discussed, with knowledge and understanding being built up over the years. Grade 5 will focus on Religion, family and the community, Beliefs, journey of Life and Death and Worship.