



# Primary Science

## Curriculum Content

Based on the **Singapore National Curriculum**, our Science curriculum involves the study of scientific importance of objects in their immediate environment where students learn through discussion of topics within the curriculum, followed by hands-on experiments related to the topic. The curriculum focuses on listening to stories, looking at picture books, making things and using other resources to find information, such as the library and computers. It also aims at developing the language and literacy skills to describe their explorations in science. Students use their senses to form the basis of scientific investigative skills, for example, by looking, touching, smelling, tasting, listening. Students will relate appropriate words to scientific ideas in everyday experiences, discuss their discoveries, make informed comments, draw comparisons, recount events, ask questions and draw pictures. At the same time, they describe their explorations and write or dictate simple generalisations. They begin to share materials and ideas, and to act responsibly when carrying out procedures.

Through learning of the science program, our school aims to:

1. Provide a rich and stimulating scientific experience that will foster a fascination and interest in science.
2. Present science as an essentially practical experience based largely on first-hand experiences in relevant contexts.
3. Develop investigative approaches to scientific enquiry that build the confidence necessary to tackle problems with increasing levels of independence.
4. Encourage discussion of scientific ideas, and the abilities to question and to justify.
5. Support a sense of scientific curiosity, and the development of appropriate levels of knowledge and understanding.

Students are introduced to a range of scientific contexts, which covers the following topics:

Class	Topics	Class	Topics
<b>Year 1</b>	The Wonderful World of Science	<b>Year 2</b>	Using Materials
	What a Variety of Things!		Magic Magnets
	Classifying Living Things		The Sun, the Earth and the Moon
	Food, Delicious Food !		Seeing Light
	Air Around Us		Hearing Sounds
	Water, Water Everywhere		More About Plants
	Our Precious Environment		More About Animals
	Clean and Healthy !		Home Sweet Home

### Affiliations





Class	Topics	Class	Topics
<b>Year 3</b>	Living and Non-living Things	<b>Year 4</b>	Matter
	Different Types of Living Things		Water
	The World of Materials		Living Things Need Air
	The Circle of Life		Transport Systems
	A System-Different Parts Working		Energy and Light
	Our Body Systems		Heat
	Magnets		Matter
<b>Year 5</b>	The Solar System	<b>Year 6</b>	Classification
	Cells		Energy
	Reproduction in Animals		Forces
	Reproduction in Plants		Environment
	Forces and Simple Machines		The Web of Life
	Electricity		Adaptation
	Photosynthesis and Respiration		Man and His Environment

**Affiliations**

