

Science Grade 6 – 2015-2016

Course Objectives:

Grade 6 Science course attempts to answer questions about the world around us. The students will develop their science skills through:

Using Scientific Methods that involves identifying problems, making observations, stating a hypothesis, testing the hypothesis, collecting data, studying data and making conclusions.

Using Processing Skills such as observing, communicating, classifying, estimating and measuring, inferring, predicting, making operational definitions, making and using models, formulating questions and hypotheses, collecting and interpreting data, identifying and controlling variables and experimenting.

Conducting Scientific inquiry by asking questions and exploring further, investigating and experimenting with the world around them.

Applying Science by connecting it to their daily activities.

Texts: Marshall Cavendish Publications

My Pals are Here! Science 2nd Edition, Energy, Primary 5&6 Text Book, Activity Book and Homework Book

My Pals are Here! Science 2nd Edition, Interactions, Primary 5&6 Text Book, Activity Book and Homework Book

My Pals Are Here Science! Science Booster Vol. B

Main Topics Covered:

Semester 1

- Energy in food
- Energy – forms and sources
- Forces – effects and types
- Living together
- Food chains and food webs

Semester 2

- Adaptations for survival
- Man’s impact on the environment
- Reversible and Irreversible Changes
- Role of drugs as a medicine

Assessment

External	Internal	Weighting
<ul style="list-style-type: none"> • Cambridge Primary Progression Test • Cambridge Primary Checkpoint Test <p><i>N.B. These tests are for diagnostic purposes only and do not affect the calculation of marks in the school reports.</i></p>	<p style="text-align: center;">Continual Assessment</p> <ul style="list-style-type: none"> • Topic tests • Class work (including quizzes) • Homework (exercises and minor tasks) • Experiments / Projects 	<p>60%</p> <p>10%</p> <p>10%</p> <p>20%</p>
	<p style="text-align: center;">Semestral Assessment</p> <ul style="list-style-type: none"> • Semester 1 • Semester 2 	<p>40%</p> <p>60%</p>