

SCIENCE 4 – 2015-2016

Course Objectives:

Grade 4 Science course attempts to answer questions about the world around us. The students will develop their science skills through:

Using Scientific Methods that involve 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 3rd Edition, Cycles, Primary 3&4 Text Book, Workbook and Work-out

My Pals are Here! Science 3rd Edition, Systems, Primary 3&4 Text Book, Workbook and Work-out

My Pals are Here! Science 3rd Edition, Energy, Primary 3&4 Text Book, Workbook and Work-out

Main Topics Covered:

Semester 1

- What is a System?
- Solar System
- Your Amazing Body as a System
- Parts and functions of Nervous System, Skeletal System, Excretory System, Muscular System, Respiratory System, Circulatory System
- The Digestive System in detail
- Different types of teeth and their functions
- Plants and Their Parts
- Habitats

Semester 2

- Sound
- Light and Shadows
- States of Matter
- Heat and Temperature

Assessment

| External | Internal | Weighting |
|---|--|--------------------------|
| <ul style="list-style-type: none"> • Cambridge Primary Progression Test <p><i>N.B. This test is for diagnostic purposes only and does not affect the calculation of marks in the school reports.</i></p> | Continual Assessments: <ul style="list-style-type: none"> • Topic tests • Class work (including quizzes) • Homework (exercises and minor tasks) • Experiments / Projects | 60% 10% 20% 10% |
| | Internal examinations <ul style="list-style-type: none"> • Semester 1 Exam • Semester 2 Exam | 40% 60% |