

Science Grade 5 – 2015-2016

Course Objectives:

Grade 5 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, Systems, Primary 5&6 Text Book, Activity Book and Homework Book

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

My Pals Are Here Science! Science Booster Vol. B

Main Topics Covered:

Semester 1

- The unit of life– Cells
- From parents to young – Heredity
- Reproduction in flowering plants
- Reproduction in Humans
- The plant transport system
- The human circulatory system
- Air and the respiratory system

Semester 2

- Rocks
- Electric circuits
- Conductors of electricity
- Using electricity
- Water and changes of states
- The water cycle
- Water – A precious resource

Assessment

| External | Internal | Weighting |
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| <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> | <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> |