



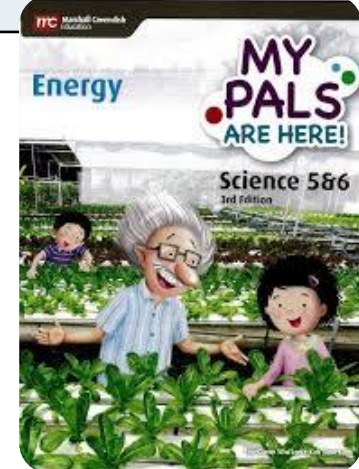
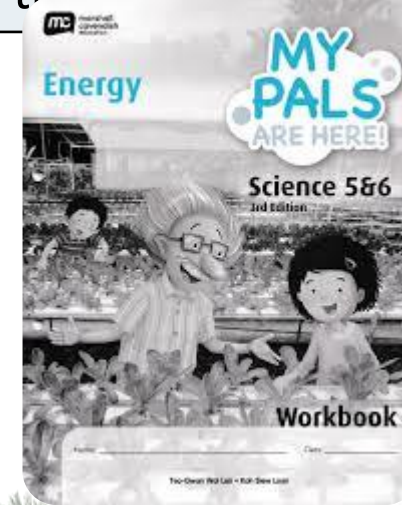
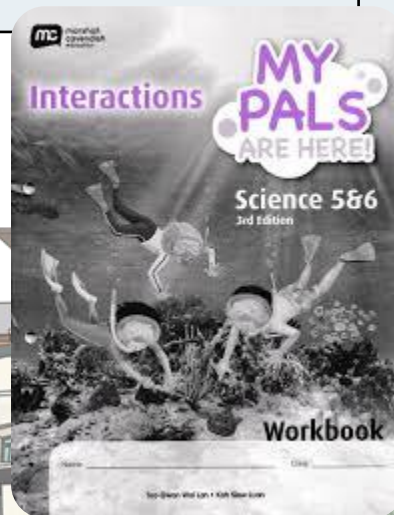
# P<sub>6</sub> SUBJECT BRIEFING SCIENCE



A COMMUNITY OF COMPASSIONATE LEADERS AND INNOVATORS

# Syllabus Overview for Primary 6 (Themes)

Level	Theme	Topics
Primary 6 FDN Themes	<b>Energy</b>	<ul style="list-style-type: none"> <li>Energy forms and uses (Photosynthesis)</li> <li><u>Energy Conversion (not for FDN)</u></li> </ul>
	<b>Interactions</b>	<ul style="list-style-type: none"> <li>Interaction of forces (Frictional force, magnetic force gravitational force and <u>force in springs (not for FDN)</u></li> <li>Interaction within the environment</li> </ul>



# Syllabus Overview for Primary Six (Process Skills)

## Skills

Observing

Comparing

Classifying

Using apparatus and equipment

Communicating (verbal, pictorial, tabular, graphical)

Inferring

Predicting

Analysing

Generating possibilities

Evaluating

Formulating hypothesis

## Processes

Creative problem solving

Decision-making

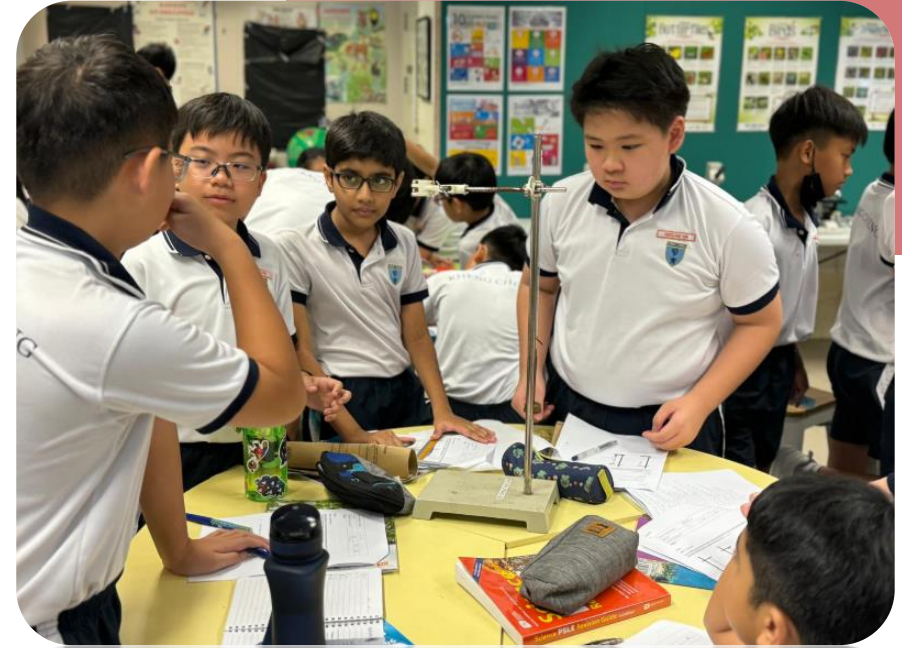
Investigation



# P6 Science Programmes/Activities

## 1) Experiential Learning

Students learn Science through understanding and applying concepts and skills in different contexts in an age-appropriate manner. One of the strategies is for them to have hands-on (investigation)



# P6 Science Programmes/Activities

## 2) Young Scientist Badge Scheme



- The programme aims to enhance the learning of Science in and out of the classroom.
- Fully sponsored by MOE.
- All P3 to P6 students will receive their updated account details in Term 2.





# Assessment Matters



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# Assessment Matters (Standard Science)

Term 1	Term 2	Term 3	Term 4
<b>Timed Assessment 1</b>	<b>Timed Assessment 2</b>	<b>Preliminary Examinations</b>	<b>Primary School Leaving Examination (PSLE)</b>
<ul style="list-style-type: none"> <li>Booklet A               <ul style="list-style-type: none"> <li>Multiple-Choice Questions</li> </ul> </li> <li>Booklet B               <ul style="list-style-type: none"> <li>Structured Questions</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Booklet A               <ul style="list-style-type: none"> <li>Multiple-Choice Questions</li> </ul> </li> <li>Booklet B               <ul style="list-style-type: none"> <li>Structured Questions</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Booklet A               <ul style="list-style-type: none"> <li>Multiple-Choice Questions</li> </ul> </li> <li>Booklet B               <ul style="list-style-type: none"> <li>Structured Questions</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Booklet A               <ul style="list-style-type: none"> <li>Multiple-Choice Questions</li> </ul> </li> <li>Booklet B               <ul style="list-style-type: none"> <li>Structured Questions</li> </ul> </li> </ul>
100% (50 marks)	100% (50 marks)	100% (100 marks)	100% (100 marks)

Each multiple-choice question carries 2 marks.

Each open-ended question carries 2 to 5 marks and is scaffolded into part-questions:

- Each structured question carries 1 to 3 marks.



Duration of formal assessments – 1 h 45 min

# Assessment Matters (Foundation Science)

Term 1	Term 2	Term 3	Term 4
<b>Timed Assessment 1</b>	<b>Timed Assessment 2</b>	<b>Preliminary Examinations</b>	<b>Primary School Leaving Examination (PSLE)</b>
<ul style="list-style-type: none"> <li>Booklet A               <ul style="list-style-type: none"> <li>Multiple-Choice Questions</li> </ul> </li> <li>Booklet B               <ul style="list-style-type: none"> <li>Short-answer Questions</li> <li>Structured Questions</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Booklet A               <ul style="list-style-type: none"> <li>Multiple-Choice Questions</li> </ul> </li> <li>Booklet B               <ul style="list-style-type: none"> <li>Short-answer Questions</li> <li>Structured Questions</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Booklet A               <ul style="list-style-type: none"> <li>Multiple-Choice Questions</li> </ul> </li> <li>Booklet B               <ul style="list-style-type: none"> <li>Short-answer Questions</li> <li>Structured Questions</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Booklet A               <ul style="list-style-type: none"> <li>Multiple-Choice Questions</li> </ul> </li> <li>Booklet B               <ul style="list-style-type: none"> <li>Short-answer Questions</li> <li>Structured Questions</li> </ul> </li> </ul>
100% (50 marks)	100% (50 marks)	100% (70 marks)	100% (70 marks)

Each multiple-choice question carries 2 marks.

Each short-answer question carries 2 to 3 marks and is scaffolded into part-questions:

- Each part-question carries 1 mark.

Each open-ended question carries 2 to 4 marks and is scaffolded into part-questions:

- Each structured question carries 1 to 3 marks.



Duration of formal assessments – 1 h 15 min