

Curriculum Briefing 2024



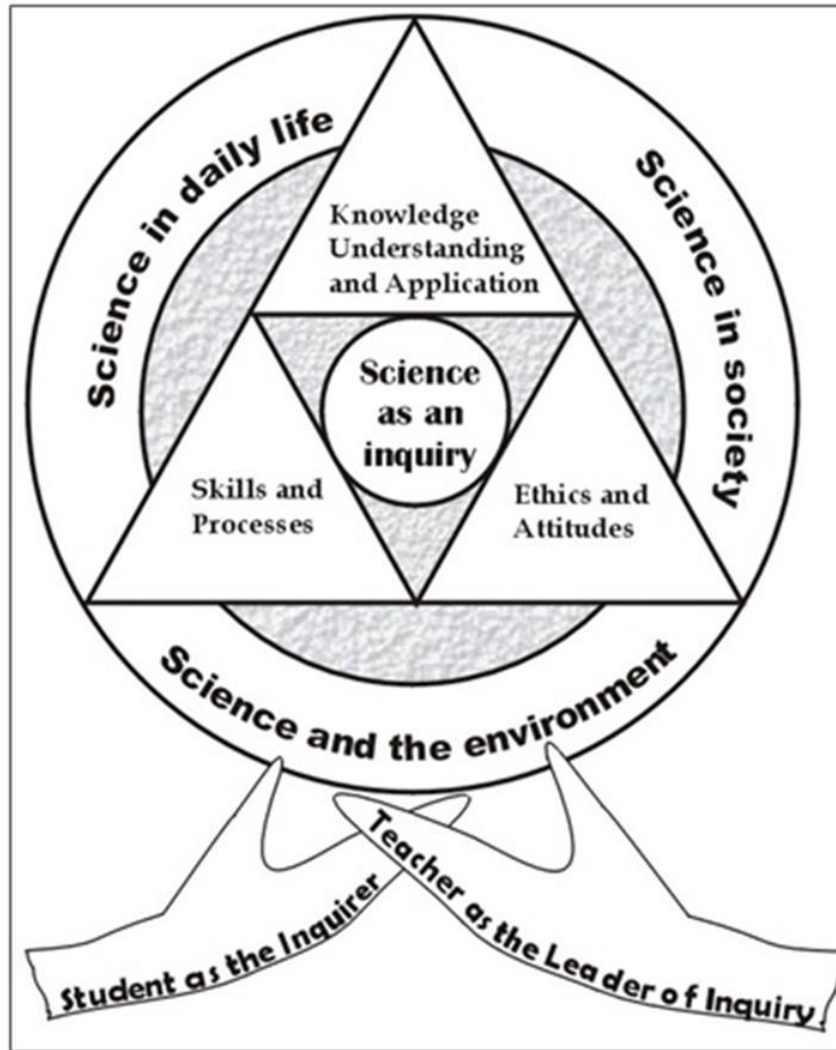
Primary 6

Learners driven by Passion . Leaders guided by Values

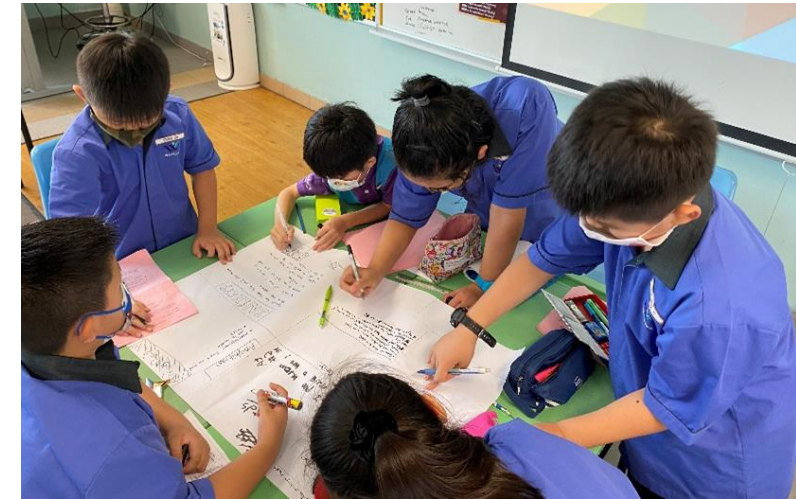
Respect . Responsibility . Resilience . Integrity . Care . Harmony



SCIENCE CURRICULUM FRAMEWORK



<https://www.moe.gov.sg/primary/curriculum/syllabus>



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Knowledge, Understanding and Application

- Scientific phenomena, facts, concepts and principles
- Scientific vocabulary, terminology and conventions
- Scientific instruments and apparatus including techniques and aspects of safety
- Scientific and technological applications



Skills and Processes

Skills

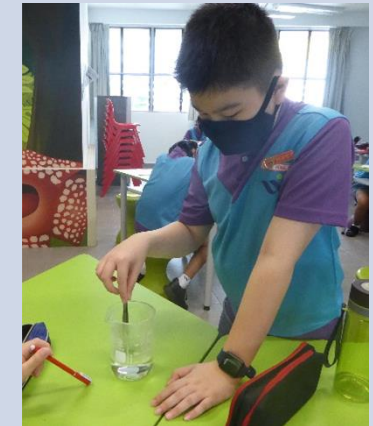
- Observing
- Comparing
- Classifying
- Using apparatus and equipment
- Communicating
- Inferring
- Formulating hypothesis
- Predicting
- Analysing
- Generating possibilities
- Evaluating

Processes

- Creative problem solving
- Decision-making
- Investigation

Ethics and Attitudes

- Curiosity
- Creativity
- Integrity
- Objectivity
- Open-mindedness
- Perseverance
- Responsibility

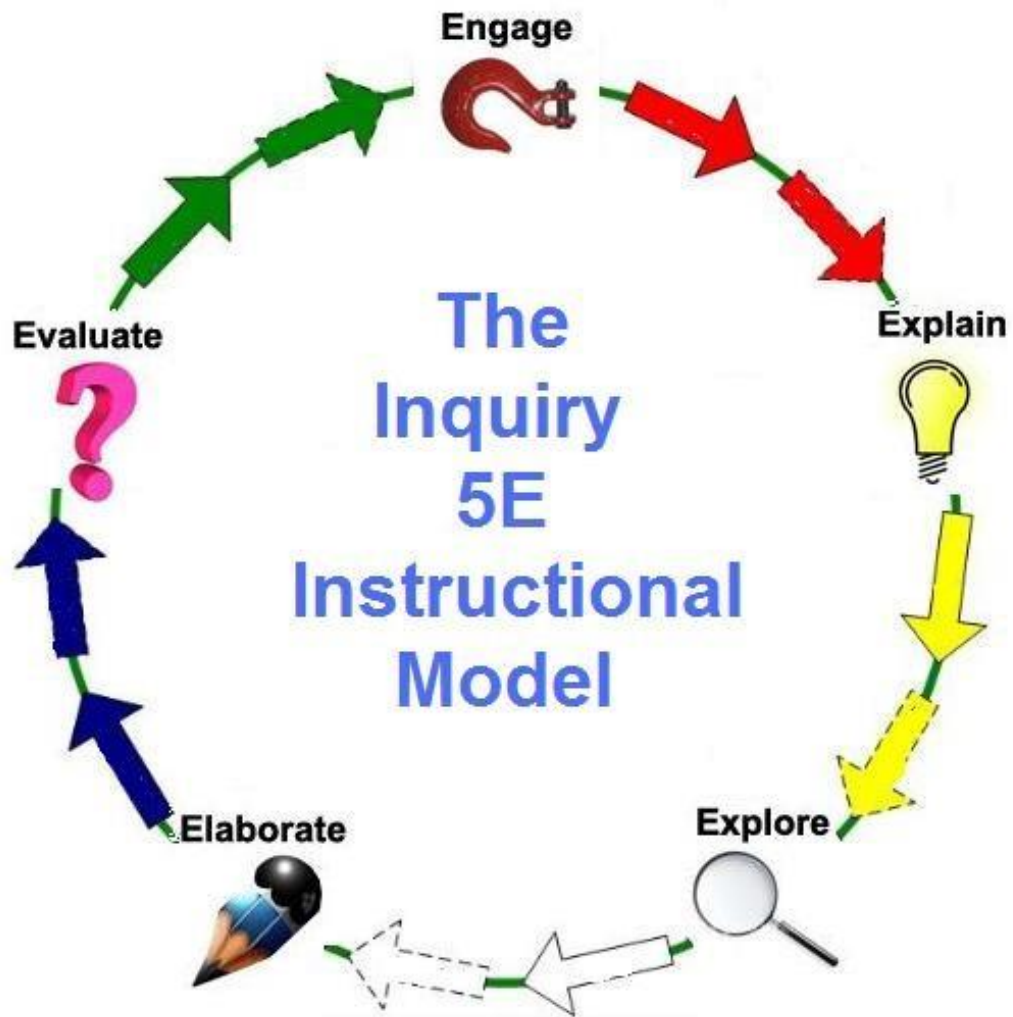


Themes and Topics in P6

Themes	Topics	Sub-topics
Energy	<ul style="list-style-type: none"> • Energy Forms and Uses 	<ul style="list-style-type: none"> • Energy in Food • Forms and Uses of Energy • Energy Conversion* • Sources of Energy
Interactions	<ul style="list-style-type: none"> • Interactions of Forces 	<ul style="list-style-type: none"> • Interactions of forces (frictional force, gravitational force, force in springs*) • Interaction within the environment
	<ul style="list-style-type: none"> • Interactions within the Environment 	<ul style="list-style-type: none"> • Living Together • Food Chains and Food Webs • Adaptations • Man's Impact on His Environment

** topics not covered in P6 Foundation Science*

Pedagogy



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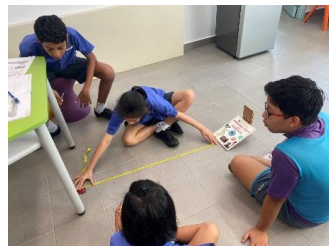
Key Focus Programmes

- Makers infused lessons
- Environmental education
- School wide sustainability efforts



2024 Assessment (Weighted Assessments 1 & 2)

Paper	Item Types	Number of Questions	Weighting (marks)	Duration
Science	Multiple Choice	20	40	50 min
	Open-ended	5 - 7	20	



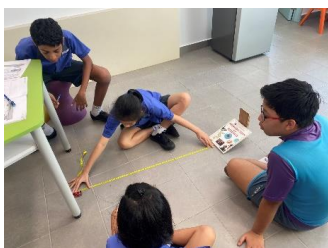
Other forms of assessments during daily lessons

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2024 Assessment (Weighted Assessments 1 & 2)

Paper	Item Types	Number of Questions	Weighting (marks)	Duration
Foundation Science	Multiple Choice	14	28	45 min
	Open-ended	4 - 6	12	



Other forms of assessments during daily lessons

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2024 Preliminary Examination

Paper	Item Types	Number of Questions	Weighting (marks)	Duration
Science	Multiple Choice	28	56	1 h 45 min
	Open-ended	12 - 13	44	
Foundation Science	Multiple Choice	18	36	1 h 15 min
	Structured	6 - 7	14	
	Open-ended	5 - 6	20	



Other forms of assessments during daily lessons

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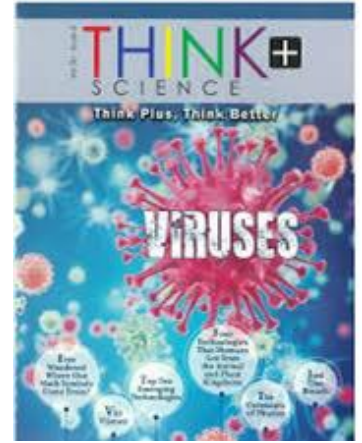
How Parents Can Support Learning

- Observe Science everywhere and in everyday life
- Encourage your child to ask questions
- Lead family discussions on science-related topics
- Explore non-formal education sites as a family

<https://www.discoverymindblown.com/>

<https://climatekids.nasa.gov/>

- Monitor your child's work regularly
- Encourage thinking aloud and discuss solutions



Thank you