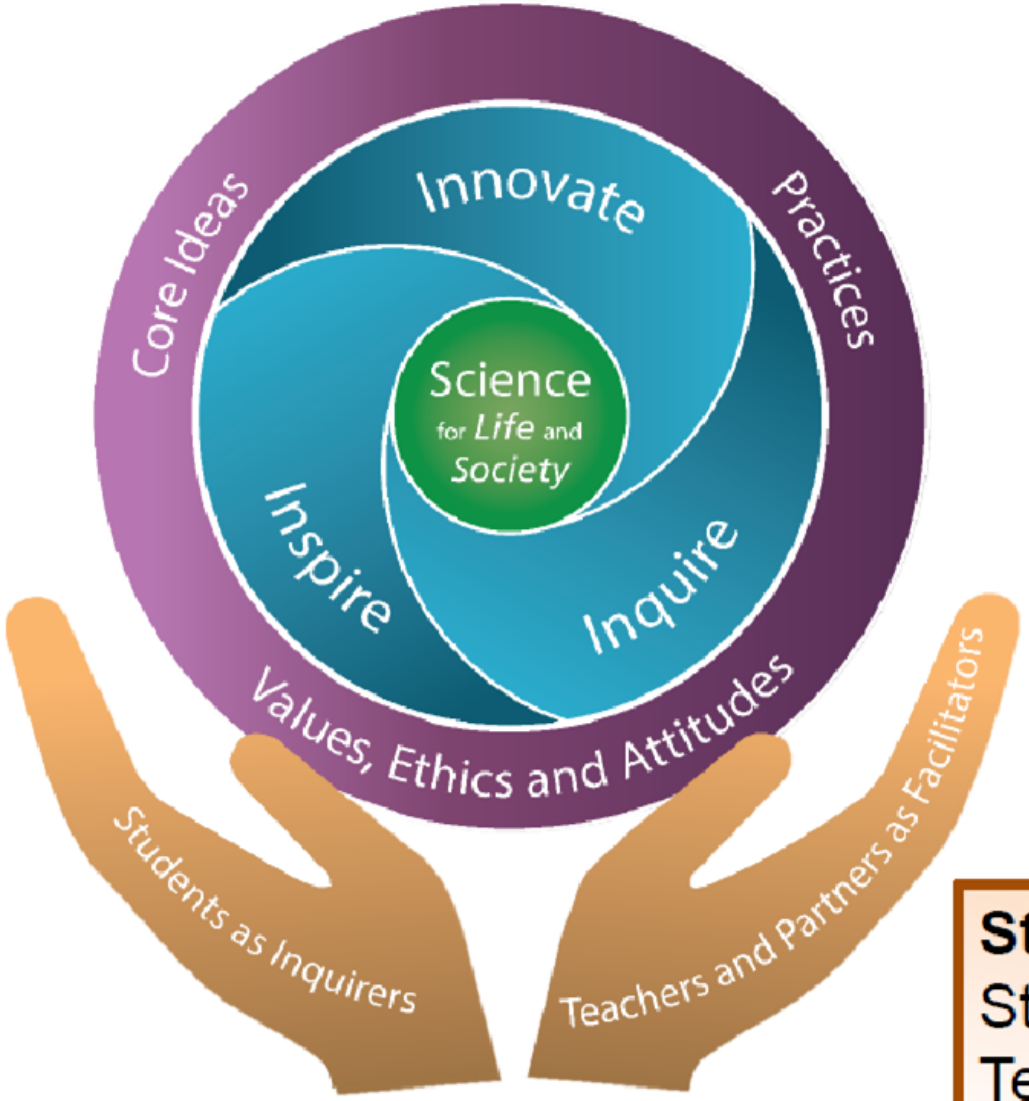
Curriculum Briefing 2025

Primary 6

REVISED SCIENCE CURRICULUM FRAMEWORK

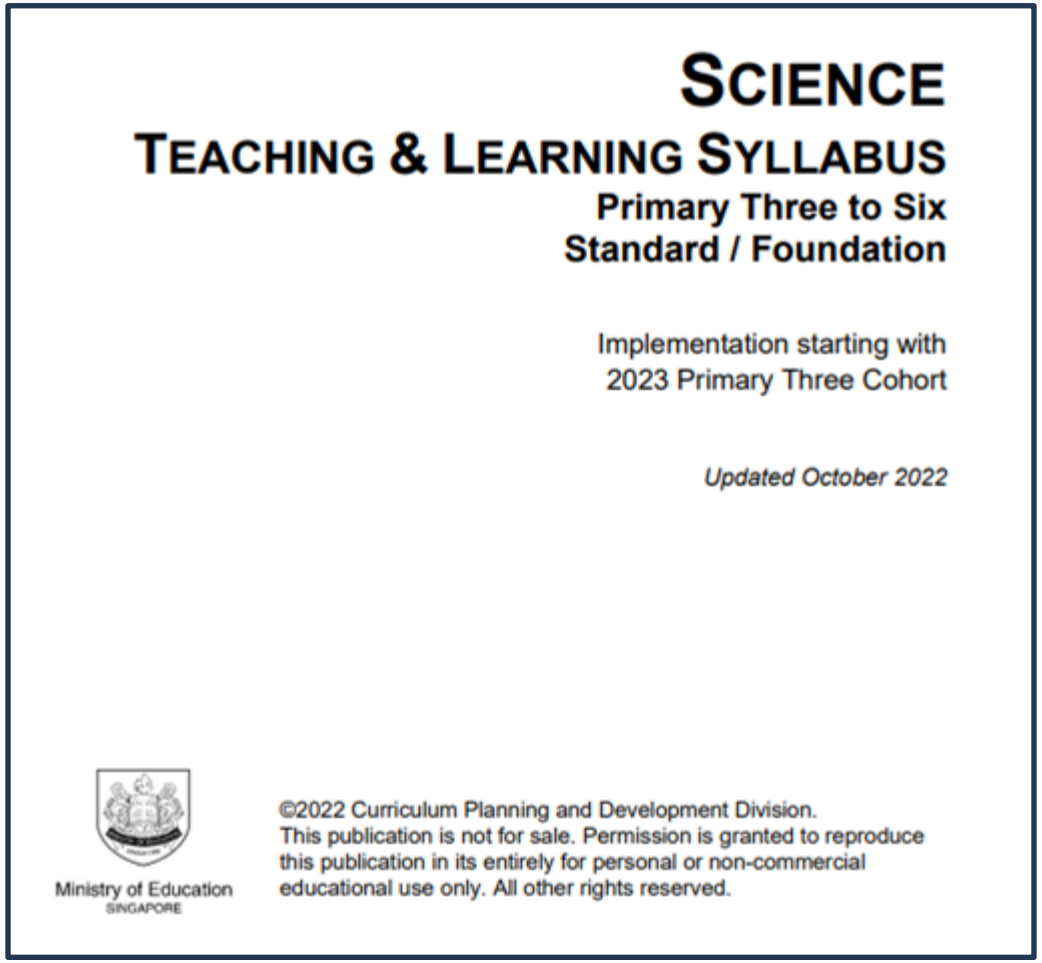


Goals
Science for Life and Society

Vision - 3Ins
Inspire
Inquire
Innovate

Three Domains
Core Ideas
Practices
Values, Ethics and Attitudes

Stakeholders
Students as Inquirers
Teachers & Partners as Facilitators



https://tinyurl.com/2fx3ssxj

https://www.moe.gov.sg/-/media/files/primary/syllabus/2023-primary-science.ashx

WestSpring PRIMARY SCHOOL

Science Curriculum & Assessment

- Inquiry-based and spiral* in nature
  - focus on learning experiences that promotes questioning, discussion of science-related issues and problem solving in real-life contexts
  - revisit key concepts and skills at different levels with increasing depth and complexity
  - help students build upon their existing understanding of concepts and facilitates the gradual mastery of skills.
- 3Es (Experience, Empower, Extend) approach is adopted in the design of our PLAY lessons so that learning in WSPS is beyond skills and knowledge, and students are given opportunities to SHINE

**Please keep the textbooks and activity books from the previous levels to serve as reference materials.*

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PLAY Lessons

- create a learner-centred environment that supports holistic development
- learn through hands-on experiences, experimentation and collaboration
- nurture children's curiosity and encourages active participation
- develop critical thinking, problem-solving and social skills

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Key Focus Programmes

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

Themes and Topics in P6

Themes	Topics	Sub-topics
Energy	• Energy Forms and Uses	• Energy in Food • Forms and Uses of Energy • Energy Conversion* • Sources of Energy
Interactions	• Interactions of Forces	• Interactions of forces (frictional force, gravitational force, force in springs*) • Interaction within the environment
	• Interactions within the Environment	• Living Together • Food Chains and Food Webs • Adaptations • Man's Impact on His Environment

** topics not covered in P6 Foundation Science*

2025 Assessment
(Non-weighted Assessments 1 & 2)

Paper	Item Types	Number of Questions	Weighting (marks)	Duration
Science & Foundation Science	Multiple Choice	14	28	1 h
	Open-ended	5 - 7	22	

2025 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	

How Parents Can Support Learning

Encourage Curiosity and Exploration

1. **Ask open-ended questions** : *Encourage your child to think critically by asking questions that begin with what, how or why.*
2. **Explore together** : *Take your child to visit the library, Singapore Science Centre, bring him/her on nature walks, visit parks or simply observe the backyard to foster curiosity about the natural world.*
3. **Conduct simple experiments and make Science toys using recycled materials** : *Engage your child in hands-on activities, like making a volcano erupt or creating a homemade lava lamp.*

How Parents Can Support Learning

Foster a Growth Mindset

1. **Emphasize effort over results** : *Praise your child for their effort and persistence in learning science, rather than just focusing on grades or results.*
2. **Celebrate mistakes** : *View mistakes as opportunities for growth and learning, encouraging your child to try again and explore different approaches.*
3. **Encourage self-reflection** : *Help your child develop a growth mindset by reflecting on learning, setting goals, and identifying areas for improvement.*

How Parents Can Support Learning

Reinforce Classroom Learning

1. **Collaborate with teachers** : *Stay informed about your child's learning in science and work alongside with teachers to support learning at home.*

1. **Cultivate good learning habits**: *Encourage your child to set aside time to complete science homework; file returned worksheets, revise learning regularly and seek help when needed.*


Thank You