

P2 SUBJECT BRIEFING MATHEMATICS

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学计学校 KHENG CHENG SCHOO

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Importance of Learning Mathematics

- Mathematics contributes to the development and understanding in many disciplines and provides the foundation for many of today's innovations and tomorrow's solutions.
- It also underpins many aspects of our everyday activities, from making sense of information around us to making informed decisions about personal finances.



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Objectives of Primary Mathematics Syllabus

- Acquire mathematical concepts and skills for everyday use and for continuous learning in mathematics.
- Develop thinking, reasoning, communication, application and metacognitive skills through a mathematical approach to problem-solving.

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• Build **confidence** and **foster interest** in mathematics



Mathematics Curriculum Framework



relationships, operations and algorithms

P2 Mathematics Programmes & Activities

- Learning for Conceptual Understanding
- Mathematics Around Us
- Maths Journalling
- Maths & Science Fiesta

ANONYMOUS





Look for coins at home. Take a photo or draw to show us what he has.



Name:	
Class:	
01035.	









ANONYMOUS Container A fills 1 cup of water. Container B fills 3 cups of water. Container C fills 2 cups of water. Container B has the greatest volume. Container A has the least volume.

Fractions in Everyday Life

Fractions are all around us. Can you see fractions at home, in your neighbourhood or anywhere around you?

Take a photo to show us an example of a fraction you can find around you.

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P2 Mathematics Assessment

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- To inform teachers about students' learning so as to guide the design and delivery of their lessons.
- Modes of assessment
- Checkpoints
- Exit cards
- Learning sheets
- Students' responses

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P₂ Mathematics Learning Outcomes

Semester 1	Semester 2
1. Understand numbers up to thousand	1. Identify, name, describe and sort shapes and objects
2. Multiply and divide numbers within multiplication tables	2. Compare and order objects by length, mass, or volume
3. Tell time to minutes	3. Read and interpret picture graphs with scales
	4. Understand fractions
	5. Solve mathematical problems
	involving addition and subtraction

Presentation of Work

Siti had \$840. She bought a bag and had \$588 left.

How much did the bag cost?



Write units only when it is standard

Tips for Parents

- Get your child to understand the problem and how to make sense of the problem
- Get your child to show you the whole process of solving the problem, not just the solutions, e.g. explain the steps and sequence
- Guide your child to look for alternative methods and then choose the most appropriate method
- Allow your child to reason his / her thinking

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- Show all workings clearly and label the number equations
- Teach your child how to check his / her answers. Check for reasonableness

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Tips for Parents

- Encourage your child to persevere in solving the questions
- Try all questions
- Master basic mathematical facts. (e.g. number bonds within 10, multiplication table)
- Set your child a time limit when doing practice papers



Tips for Parents

- Review what they have learnt in class spending at least 15 to 30 minutes every day to revise their daily work or concepts
- If your child has made a mistake in a specific question, allow him / her to redo it without referring to the answer provided by the teacher
- Targeted practice
- Do not over teach. Refer to primary mathematics syllabus on MOE website

(https://www.moe.gov.sg/primary/curriculum/syllabus)

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Frequently Asked Question

Is model drawing necessary since word problems in Primary 2 are easy? Are marks awarded for drawing model?

While marks are not awarded for models drawn, it is a useful heuristics to help students understand and solve mathematical problems. Students are highly encouraged to draw models to help them analyse, scaffold and solve the problems. The questions in Primary 2 are used to teach students basic model drawing skills and they will need to draw more complex model when they move to a higher level.



