



Curriculum Briefing

Mathematics

Primary 1

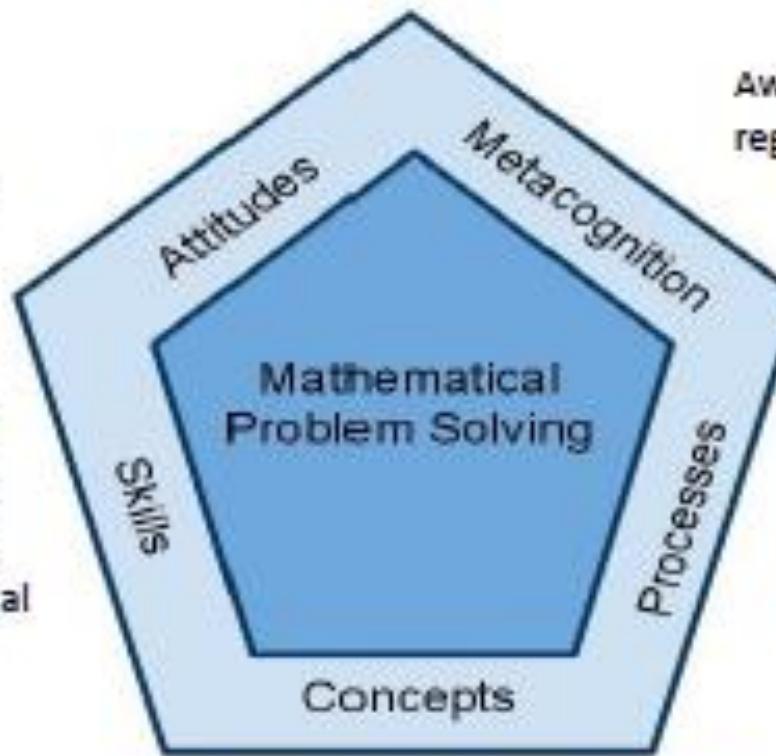


SINGAPORE MATHEMATICAL FRAMEWORK

Mathematics Curriculum Framework

Belief, appreciation, confidence, motivation, interest and perseverance

Proficiency in carrying out operations and algorithms, visualising space, handling data and using mathematical tools



Awareness, monitoring and regulation of thought processes

Competencies in abstracting and reasoning, representing and communicating, applying and modelling

Understanding of the properties and relationships, operations and algorithms

New: 2021

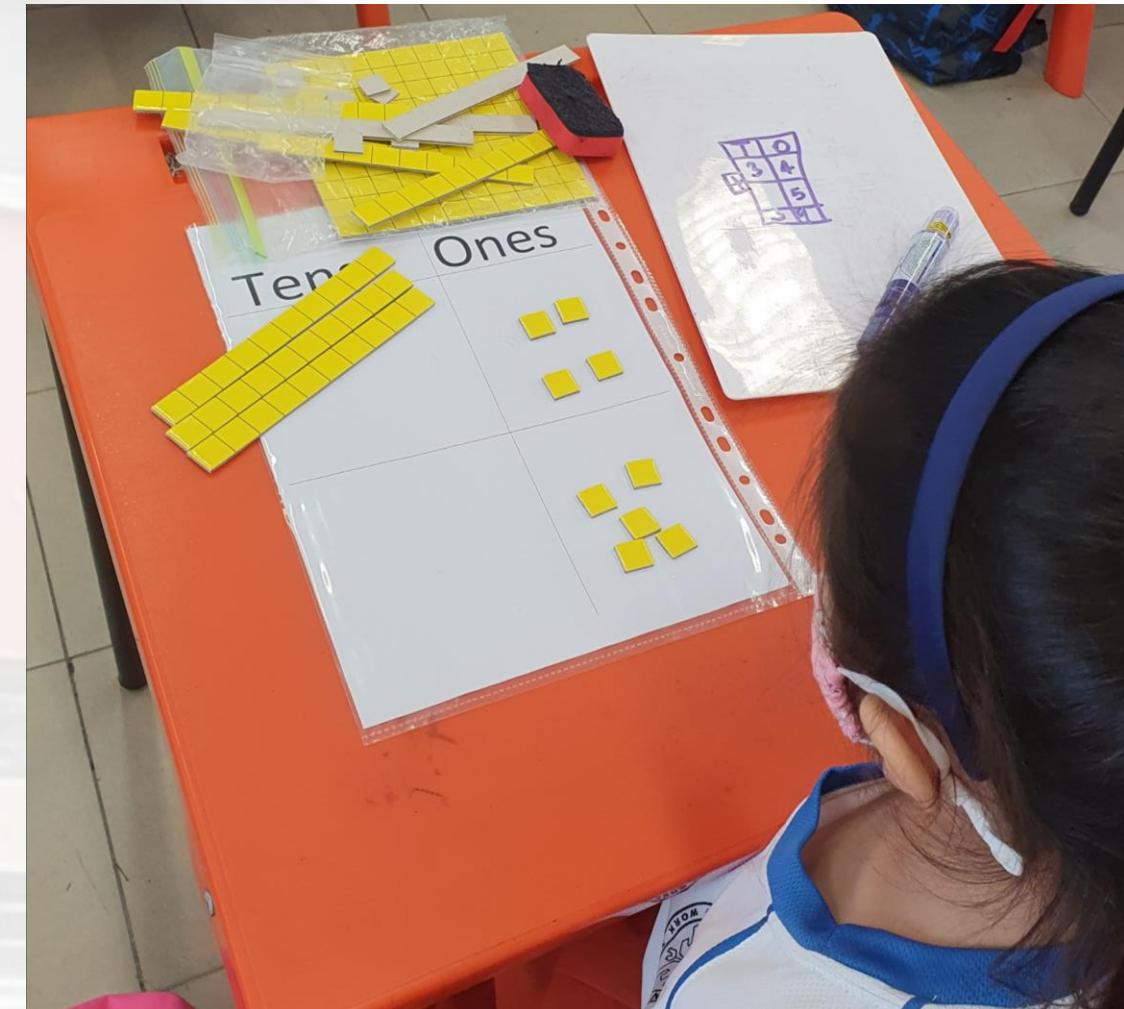


Factual Fluency





Activity-based lessons



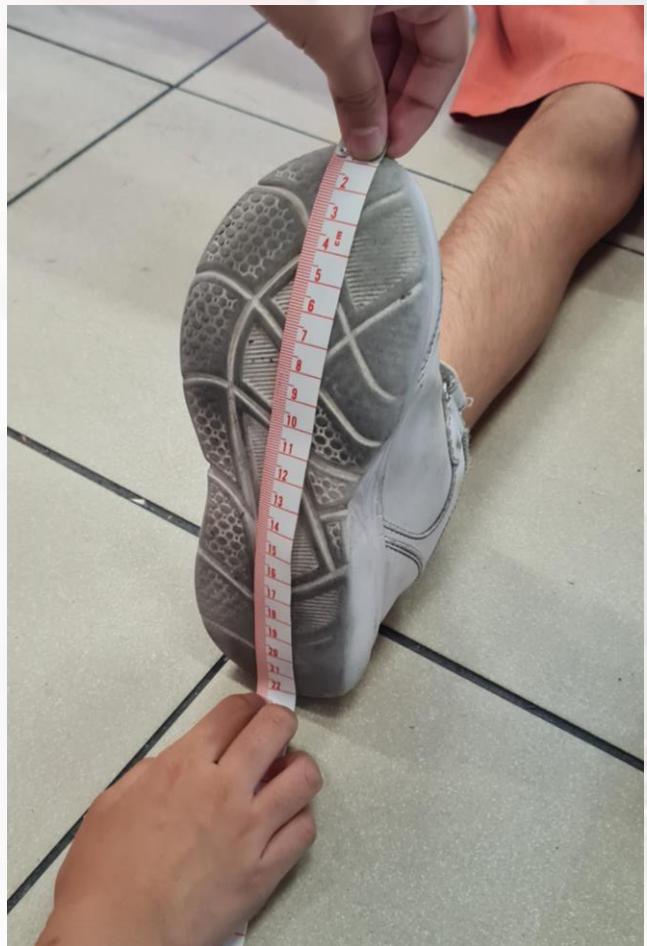


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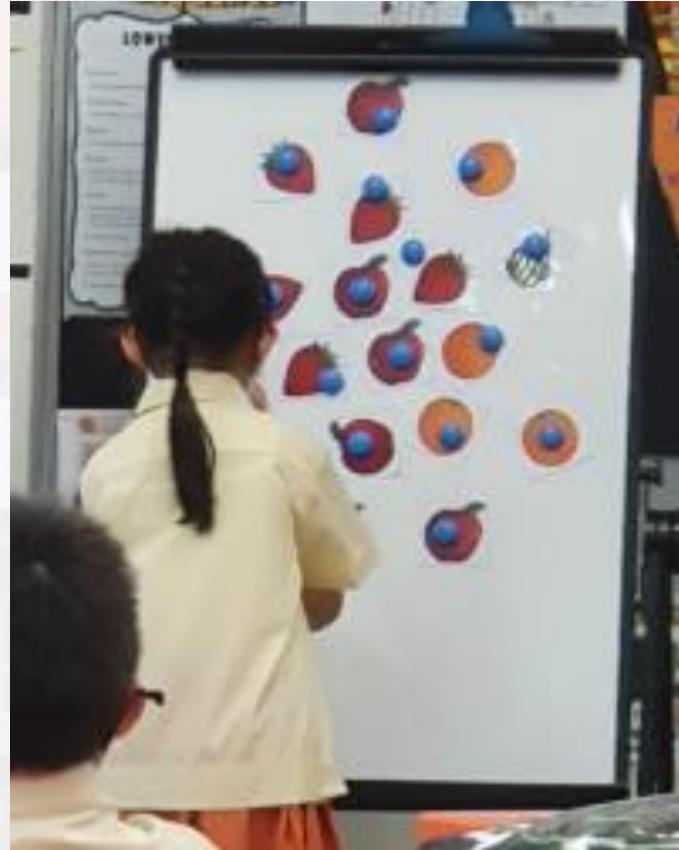
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Use of Maths in Daily Life





Counting shapes
found in the area





C-P-A Approach

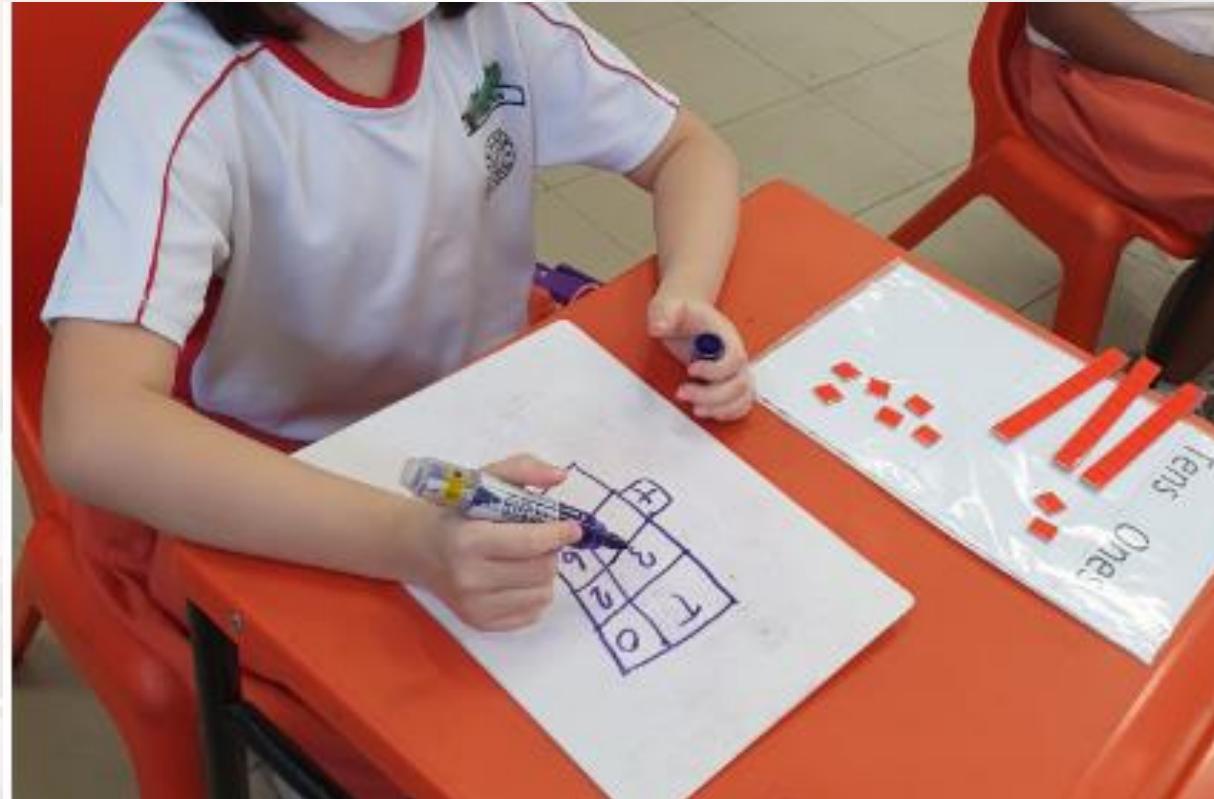
Concrete	Pictorial	Abstract
		$3 + 1 = 4$

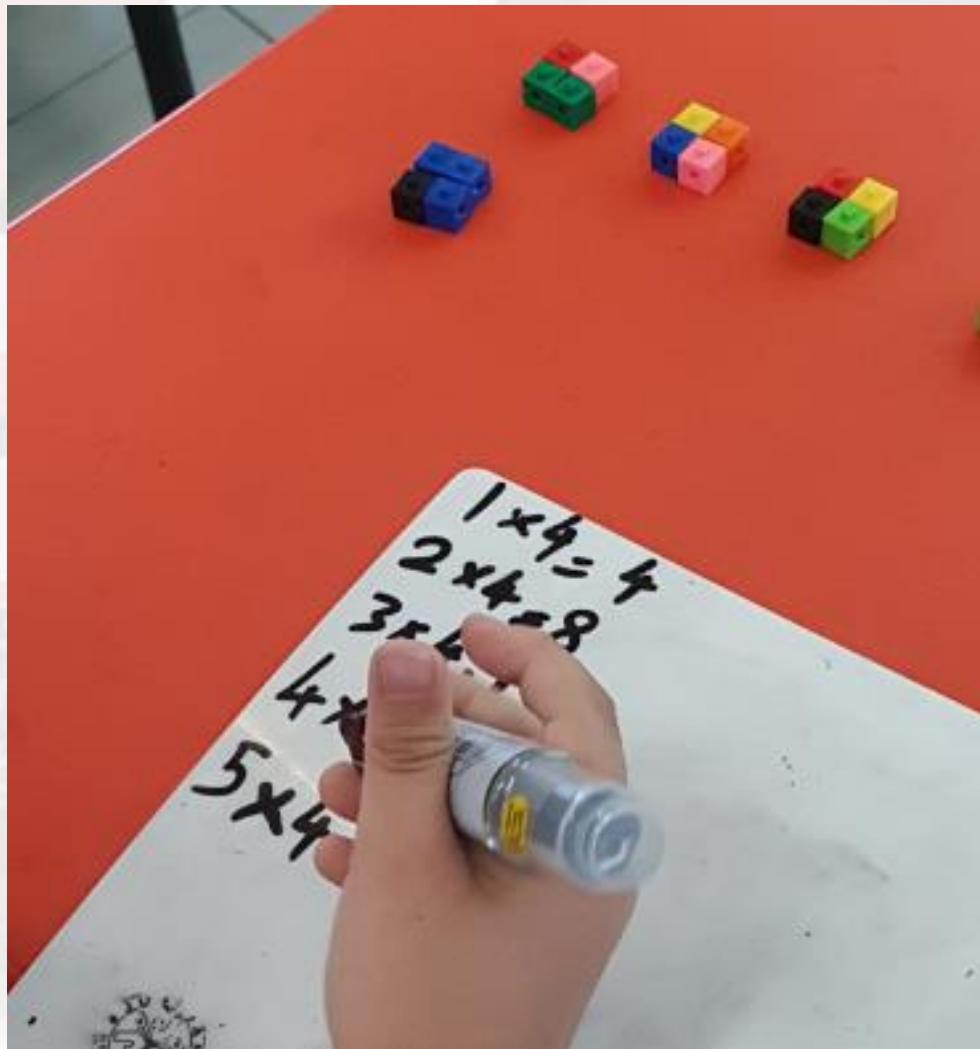
Concrete and pictorial representations support students' understanding of abstract concepts

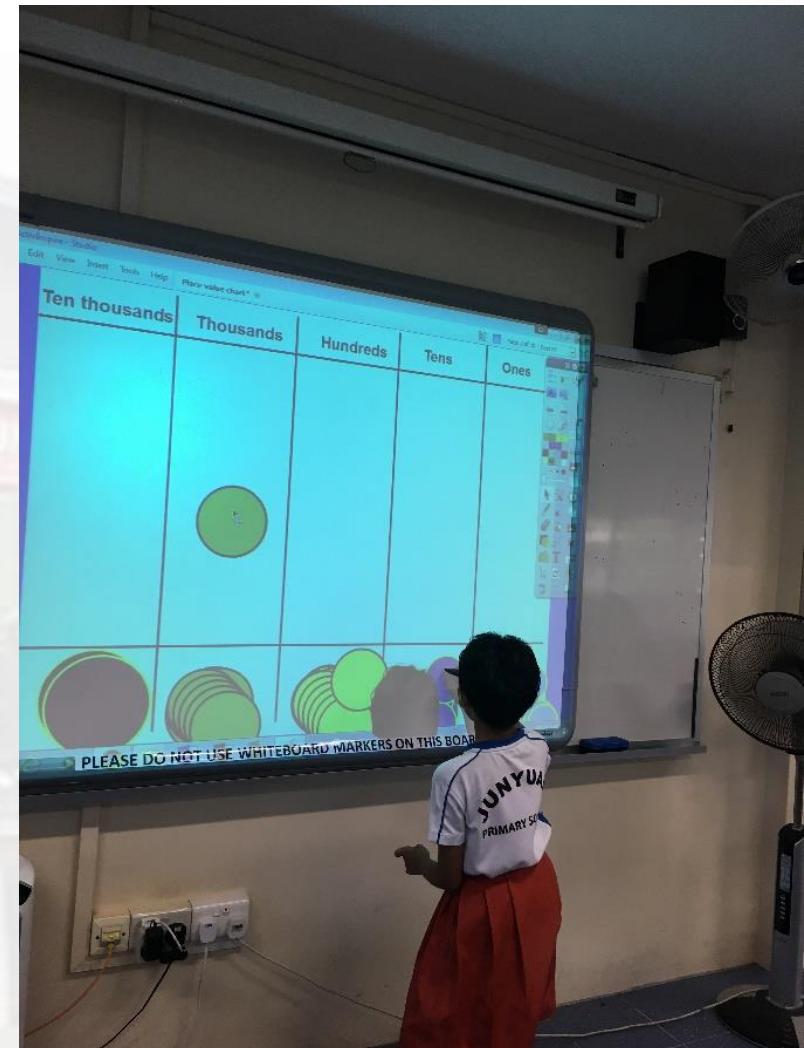
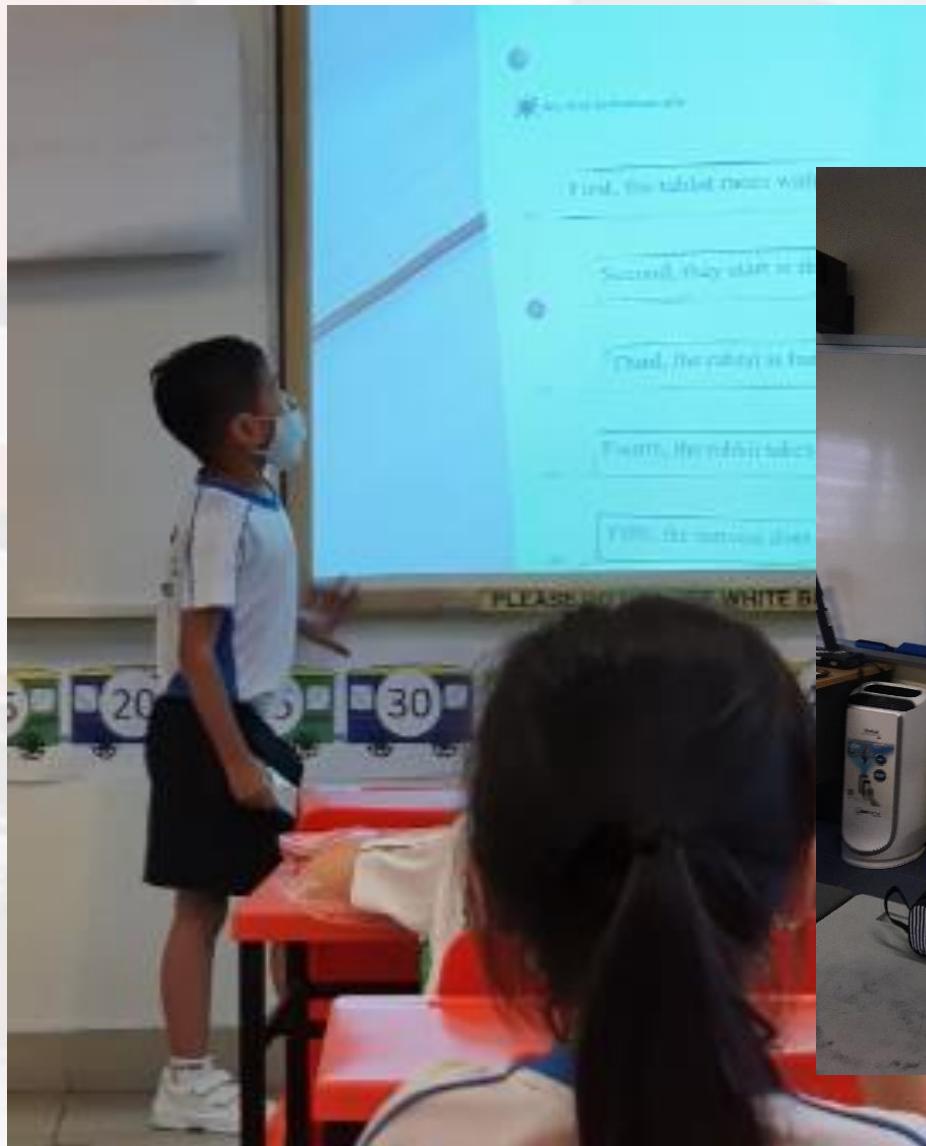


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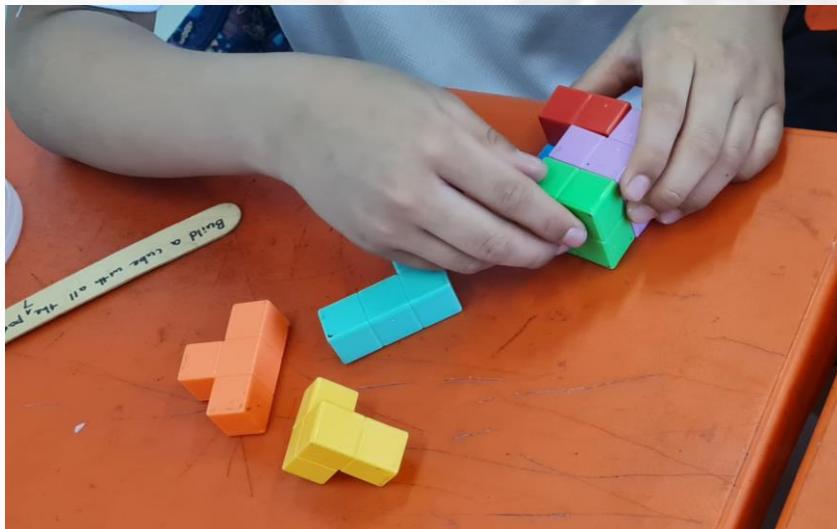


Sustained Support for Maths (SSM) Activity-based lessons





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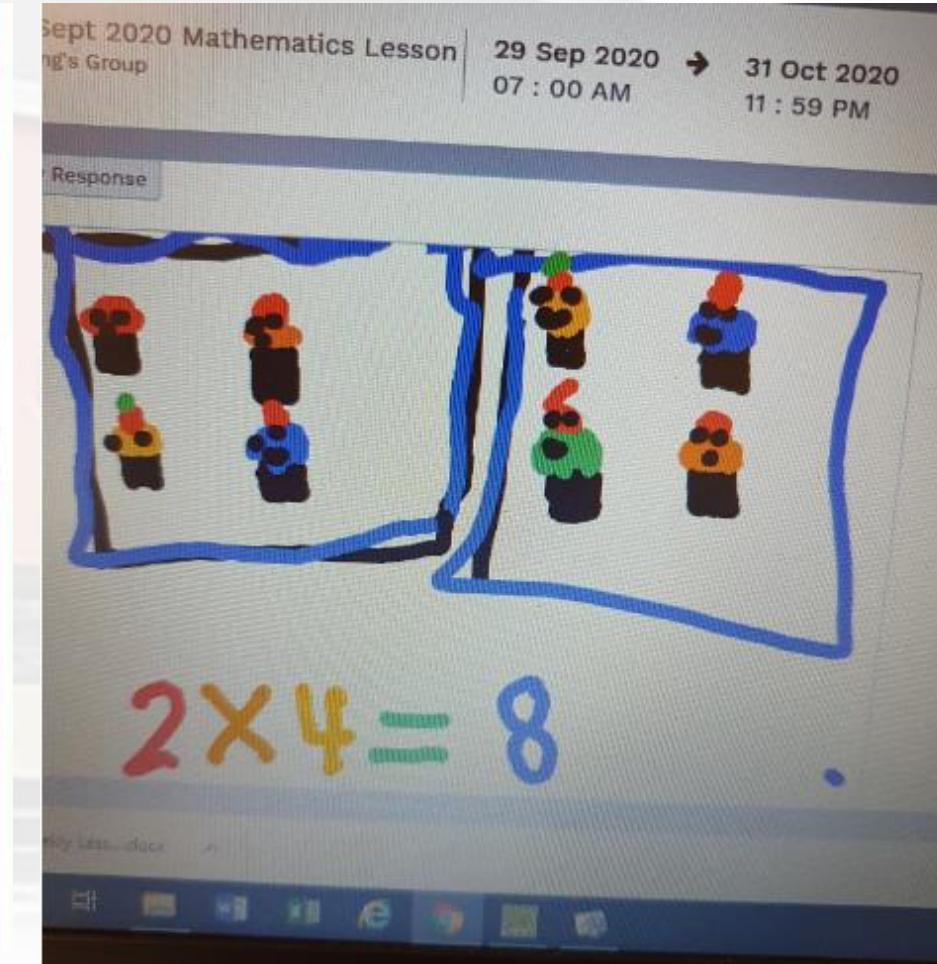


ICT-based lessons



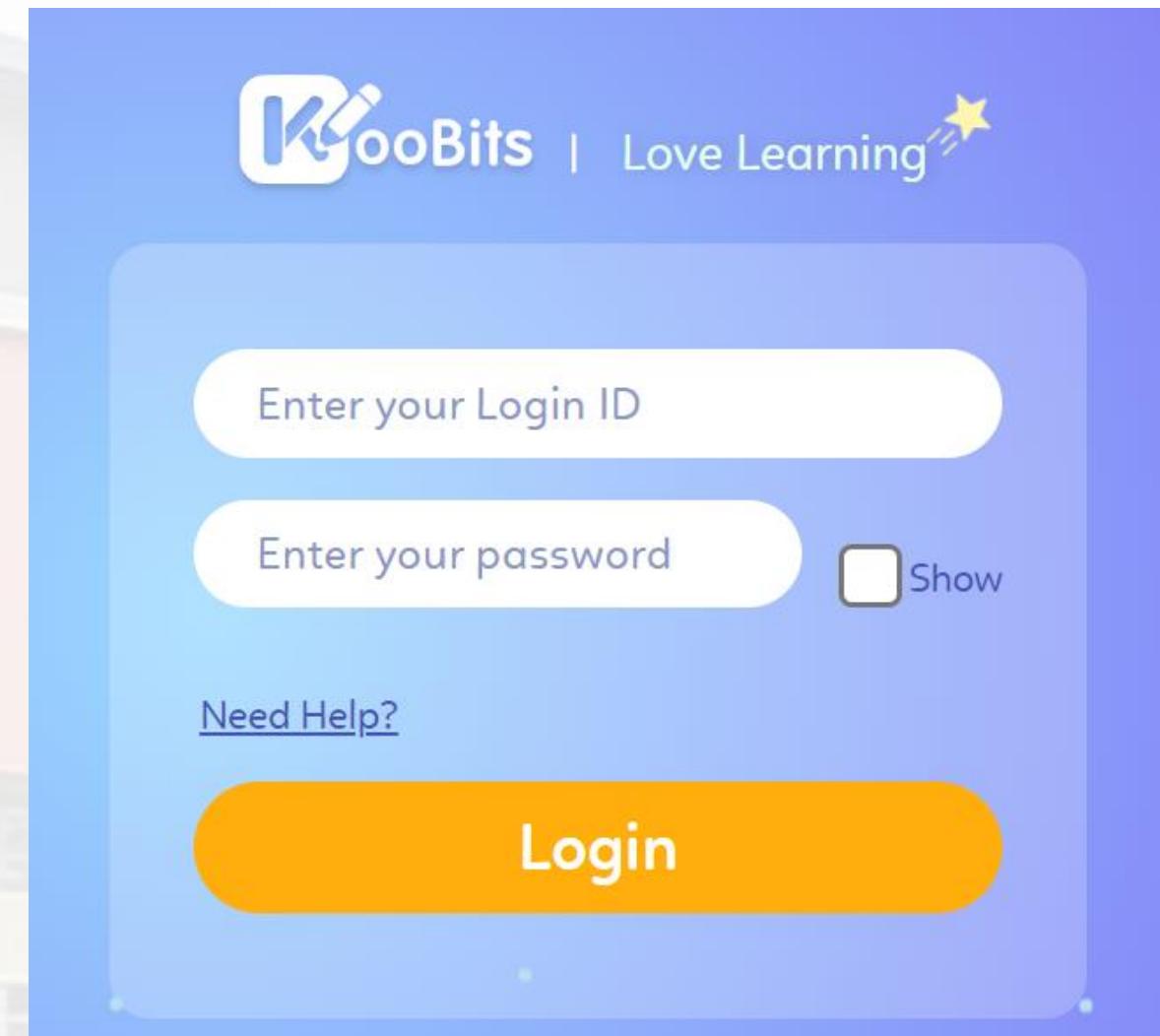


ICT-based lessons



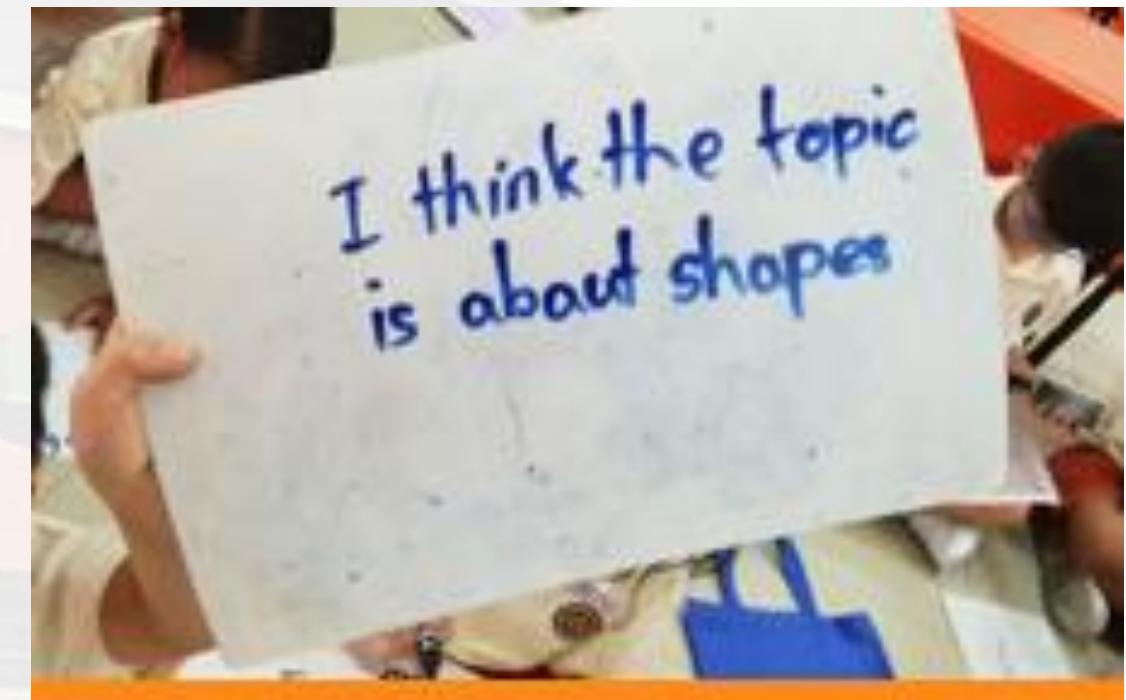
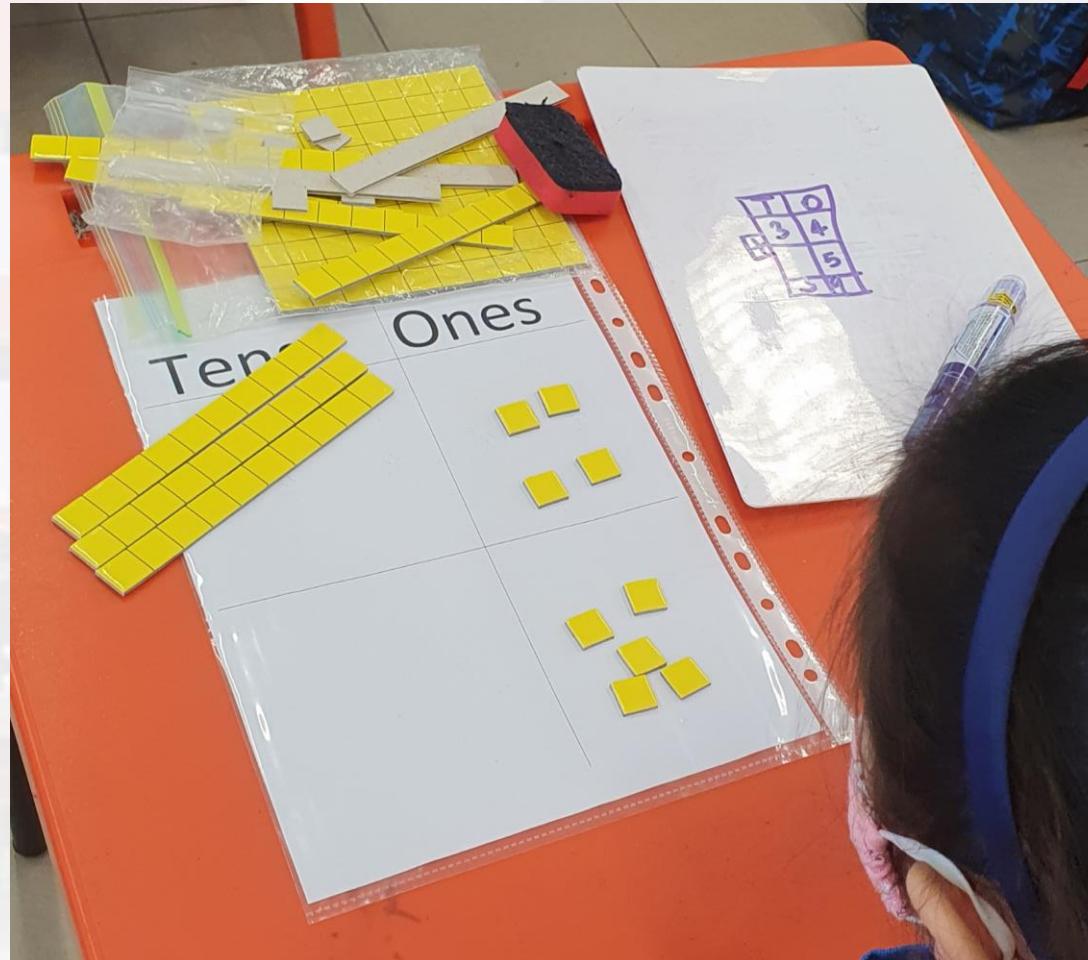


KooBits



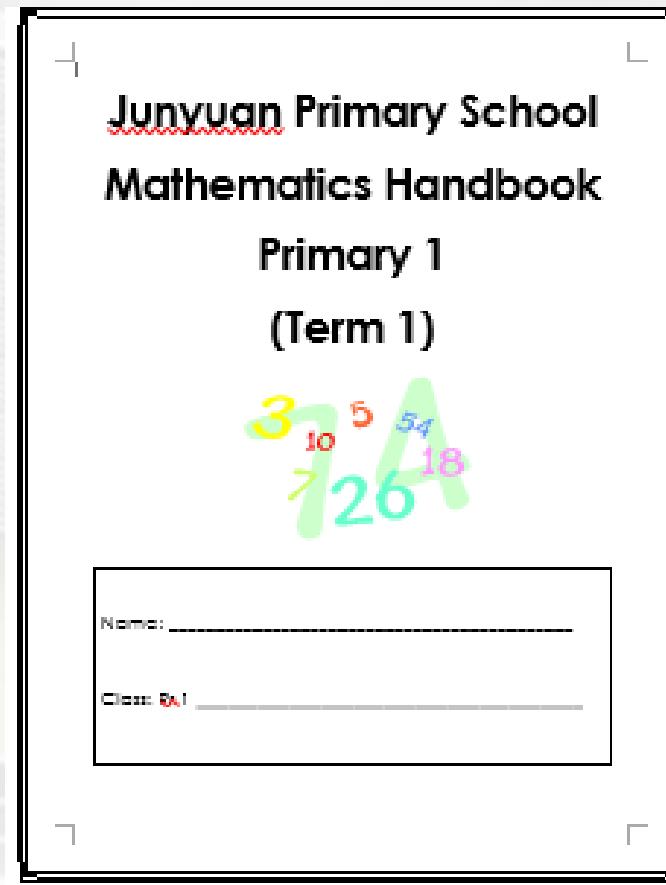


Use of mini white boards





Maths Handbook

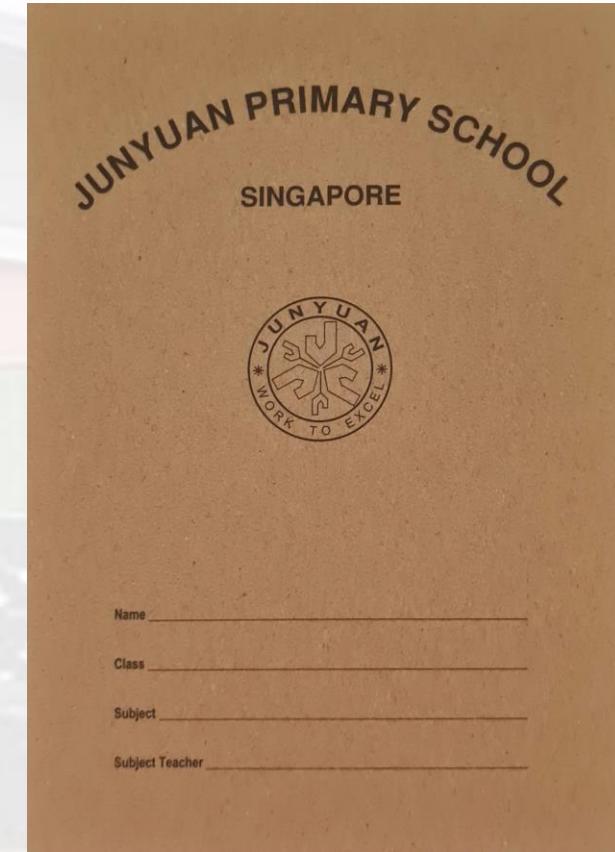




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Maths Exercise book



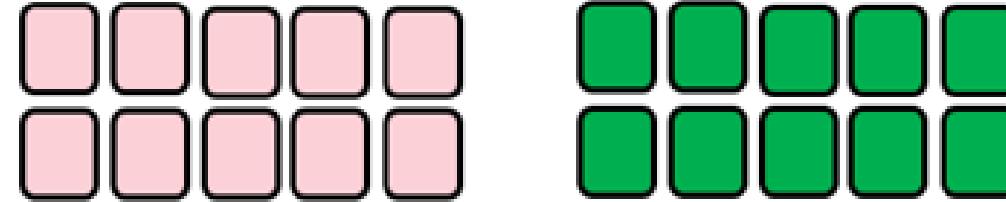


Maths Homelink Programme





Homelink activity on numbers

Instructions	Pictures
<p>Number of players: 2</p> <ol style="list-style-type: none">1. Place all the dot cards and number cards face down.2. Player takes turn to flip over 1 dot card and 1 number card.3. If the two cards match, the player keeps the cards. If not the player turn the card face down again.4. Play continues until all the cards have been paired up.5. The player with the most cards wins the game.	 <p data-bbox="1326 616 1512 649">Dot Cards</p> <p data-bbox="1838 616 2076 649">Number Cards</p>



Homelink activity on shapes

Instructions	Pictures
<p><u>Activity Sheet 2</u></p> <p>Page 1</p> <ol style="list-style-type: none">1. Sort and group the shapes by shape and place them on the activity sheet.2. Trace the shapes. <p>Page 2</p> <ol style="list-style-type: none">1. Sort and group the shapes by number of sides or vertices and place them on the activity sheet.2. Trace the shapes.	<p>Examples:</p> <p>Page 1</p> <p>Page 2</p>



Holistic Assessment:

Learning Outcomes (Mathematics)



Learning Outcomes (Semester 1)

LO1

**Understand
Addition and
Subtraction up
to 10**

LO2

**Identify, name,
describe and
sort shapes**

LO3

**Add and
subtract
numbers.
(Up to 20)**

LO4

**Read and
interpret
picture graphs**



Learning Outcomes (Semester 2)

LO5 Understand numbers up to hundred	LO6 Add and subtract numbers (up to 100)	LO7 Measure and compare length	LO8 Understand multiplication and division	LO9 Tell time to 5 minutes
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Ways to support your child in the learning of Mathematics

- Provide activities at home that enrich and relate mathematics to daily life.
 - Making sense of numbers e.g. counting groceries, numbers around us
 - Telling time (digital and analog clocks, counting in 5s)
 - Making sense of money (using notes and coins)



Ways to support your child in the learning of Mathematics

- Complete Homelink tasks together
- Complete challenges in KooBits together / encourage child to log into KooBits for self-paced practices
- Encourage child to ask questions
- Refer to textbooks / Mathematics Handbook



Maths Alive!

Workshop for parents (via MS Teams)

10 April 2026

Save the date!

Details will be given nearer the date via PG.



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Thank You!