

Mathematics Department

3 January 2023



SENGKANG **GREEN**
Primary School

Aim

Every SKGian is a **Confident** and
Effective Problem Solver



Objectives

At the end of Primary 6, students will:

- Acquire the relevant mathematical concepts and skills for everyday use and continuous learning in mathematics;
- Develop creative and critical problem solving skills;
- Cultivate positive attitude towards mathematics;
- Make effective use of various mathematical tools (including ICT tools) in the learning and application of mathematics; and
- Become independent and self-directed learners.



Game Changer

Building **Confidence** through
the Learning of Mathematics



How do we support your child as he/she transit from Pre-School to Primary School?

Build on your child's
positive attitudes
and dispositions for
learning

Adopt teaching and
learning practices that
are developmentally
appropriate

Deepen basic
concepts and skills
taught at pre-school



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At the end of Pre-school	At the end of Primary 1
Learning Goal 2: Use numbers in daily experiences	Learning outcomes that students should achieve:
<p>Example of Knowledge, Skills & Dispositions (KSDs)</p> <ol style="list-style-type: none"> 1. Rote count to at least 10 2. Count reliably up to 10 3. Compare the quantities of two sets of things and use 'more', 'less/few' and 'same as' appropriately 4. Match number name / numeral / number word to the quantity of a set of things (within 10) 5. Recognise numbers (1 to 10) in numerals and in words 6. Form numbers (1 to 10) in numerals 7. Name parts that form the whole in quantity (e.g. 2 and 3 makes 5) 	<ol style="list-style-type: none"> 1. Understand numbers up to hundred 2. Understand addition and subtraction 3. Add and subtract numbers 4. Understand multiplication and division 5. Identify, name, describe and sort shapes 6. Tell time to 5 minutes 7. Measure and compare lengths of objects 8. Read and interpret picture graphs

Learning Support Programme

- Aims to provide assistance to students who need help to build their foundational numeracy knowledge and skills to keep up with the Primary 1 curriculum.
- Lessons are conducted in a small group environment
- Learning activities are customised based on students' learning progress
- Builds confidence and positive beliefs about students' ability in mathematics



How does assessment look like in a Primary 1 classroom?



✗ **Weighted Assessment**



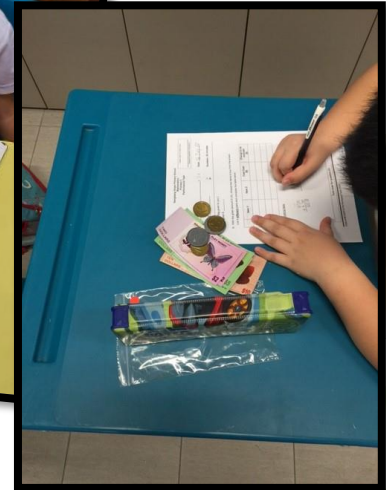
✓ **Focus on Formative Assessment**



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Knowing your child's progress...

- Classroom Observations / Classwork
- Quizzes
- Diagnostic Tests
- Journal Writing
- Performance Tasks
- Topical Review / Homework



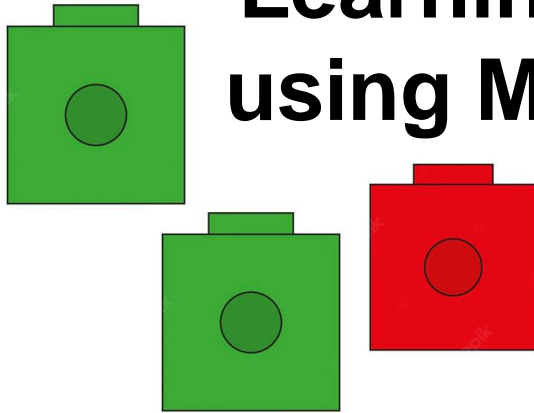
Observation	Approaching Expectation	Meeting Expectation
❖ The student is able to show a correct addition equation using the manipulatives.		
❖ The student is able to write a correct addition equation.		
<u>Teacher's Comment(s)</u>		

We Are Learning To (WALT)

Add two 1-digit numbers by making 10



Learning Experience using Multilink cubes



Key Question:

Which strategy is better / more efficient / faster way to get the answer?



Find the sum of

$$1 + 2 + 3 + 4 + \dots + 94 + 95 + 96 + 97 + 98 + 99$$

$1 + 99 = 100$
 $2 + 98 = 100$
 $3 + 97 = 100$
 $97 + 98 = 100$

Find groups of 100.



Supporting your child in his/her learning journey



How can you support your child...

- Collaborate with us
- Create a homework routine
- Focus on effort, not mistakes
- Give your child opportunity to think. Do not be quick to give answers.
- Talk about ways Mathematics can be used in daily activities. Let your child ask and answer questions
 - [Making Mathematics Fun! \(schoolbag.edu.sg\)](https://schoolbag.edu.sg)
 - [Making Mathematics Fun - Part 2! \(schoolbag.edu.sg\)](https://schoolbag.edu.sg)



Q&A



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Head of Department, Mathematics	Ms Rachael Tan	tan_wan_cheng_rachael@moe.edu.sg
Head of Department, Mathematics	Mrs Gina Cho	lee_quee_choo_gina@moe.edu.sg
Level Head, Mathematics	Ms Wong Yoke Lye	wong_yoke_lye@moe.edu.sg





Thank You!



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