

# Primary 2 Mathematics





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# Aims Of The Maths Curriculum

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





# Topics Covered In the P2 Curriculum

- WHOLE NUMBERS
  - Numbers to 1000
  - Addition & Subtraction
  - Multiplication & Division
  - 2-step Word Problems





# Topics Covered In the P2 Curriculum

- MEASUREMENT
  - Length
  - Time
  - Money
  - Mass
  - Volume
- GEOMETRY
  - Shapes
- DATA ANALYSIS
  - Picture Graphs
- FRACTIONS





# Approaches To Teaching & Learning

- Play-and-Learn Mathematics Programme (PALM)
- Problem-solving
- Performance Tasks
- Use of ICT (for feedback & e-pedagogy)
- Use of Formative Assessment





# Approaches To Teaching & Learning (Play-and-Learn Mathematics – PALM)

- Infused into daily lessons
- Acquire concepts through concrete materials
- Interpret the mathematical solution in the context of the real-world problem
- Develop cooperative and collaborative skills





# Approaches To Teaching & Learning (Problem-Solving)

- Aims to strengthen pupils' application of concepts
- Spiral curriculum in developing pupils' problem solving ability

Term 1	Term 2	Term 3	Term 4
<ul style="list-style-type: none"><li>▪ Numbers to 1000</li><li>▪ Addition &amp; Subtraction Within 1000</li><li>▪ Length</li></ul>	<ul style="list-style-type: none"><li>▪ Multiplication &amp; Division</li><li>▪ Multiplication Tables 2, 5 &amp; 10</li><li>▪ Mass</li><li>▪ Time</li></ul>	<ul style="list-style-type: none"><li>▪ 2-step Word Problems</li><li>▪ Multiplication Tables 3 &amp; 4</li><li>▪ Money</li><li>▪ Fractions</li></ul>	<ul style="list-style-type: none"><li>▪ Volume</li><li>▪ Picture Graphs</li><li>▪ Shapes</li></ul>







# Approaches To Teaching & Learning (Performance Tasks)


- Learning activities students perform to demonstrate their knowledge, understanding and proficiency.






# Approaches To Teaching & Learning (Performance Tasks – Example)

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

 **Performance Task**

Use  to help you.  
Look at the numbers given.

2	4	6	0	1	8	9	3	5	7
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(a) Use the numbers to form **four** 3-digit **even** numbers.  
You may use each number more than once.

My four 3-digit even numbers are:

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ *Answers vary.*

Arrange the numbers from greatest to smallest.

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ *Answers vary.*  
greatest


(b) Use the numbers to form **four** 3-digit **odd** numbers.  
You may use each number more than once.

My four 3-digit odd numbers are:

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ *Answers vary.*

Arrange the numbers from smallest to greatest.

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ *Answers vary.*  
smallest

Chapter 1 Numbers to 1000 





# Approaches To Teaching & Learning (Use of ICT)

- All students have access to the Singapore Students Learning Space (SLS).
- SLS is an online learning portal that allows all students to have access to quality curriculum-aligned resources.
- Teachers will make use of the resources found in SLS to complement teaching and learning.
- Pupils will work on online activities found in SLS.





# Holistic Assessment (Purpose of Assessment)

- To gather evidence about pupils' knowledge of Mathematics
- To ascertain whether learning has taken place
- To provide parents with information on their children's achievement





# Holistic Assessment (Modes of Assessment)

## Formative Assessment (On-going)

- PALM Activities
- Questioning & Feedback
- Evidence from pupils' work
- Group/Class Presentations
- Performance Tasks
- Reviews





# How Parents Can Help

- Help to reinforce concepts learnt in Primary 1
- Ensure that your child has a good mastery of the basic number concepts and skills
  - recognise, read and write number symbols 0 to 100
  - able to count up to 100
- Encourage your child to develop good work habits
  - Neatness & good handwriting
  - Complete written task
  - Solve problems with accuracy





# Teaching & Learning Resources

- My Pals Are Here (Course Books & Activity Books)
- Problem-Solving Booklets
- Play-And-Learn Mathematics (PALM) Booklet
- Practice Papers
- Supplementary Worksheets





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