

Primary 2 Mathematics Curriculum Briefing

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Mission

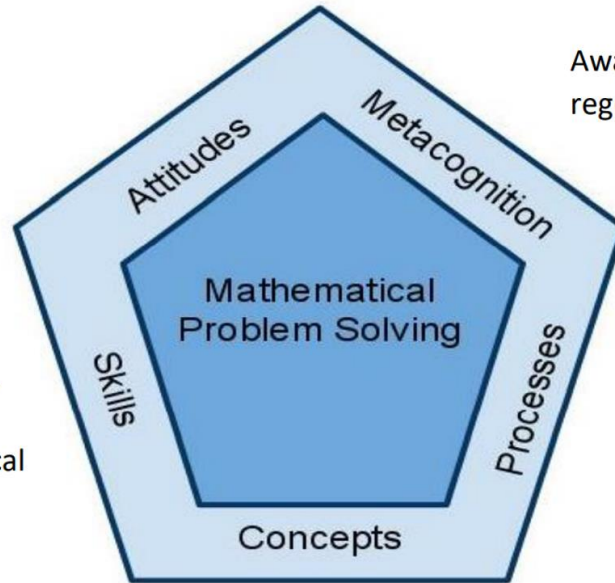
To develop our pupils with **mathematical concepts** and **skills** for everyday life and to equip them with **process skills to solve mathematical problems.**



Mathematics Curriculum Framework

Belief, appreciation,
confidence, motivation,
interest and perseverance

Awareness, monitoring and
regulation of thought processes



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

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

Understanding of the properties and
relationships, operations and
algorithms



Content Sequence for P2

Semester 1	Semester 2
Term 1 Numbers to 10 000 Addition & Subtraction Length	Term 3 Addition & Subtraction (Word Problems) Multiplication Tables of 3 & 4 Money Fractions
Term 2 Multiplication & Division Multiplication Tables of 2, 5 & 10 Mass Time	Term 4 Volume Picture Graphs Shapes



Teaching & Learning

- 10 periods of Math per week
- Use of Concrete – Pictorial – Abstract approach
- Learning experiences



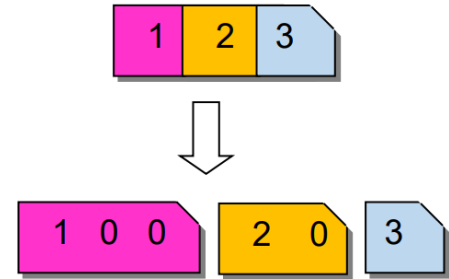
Teaching & Learning



Multi-link cubes



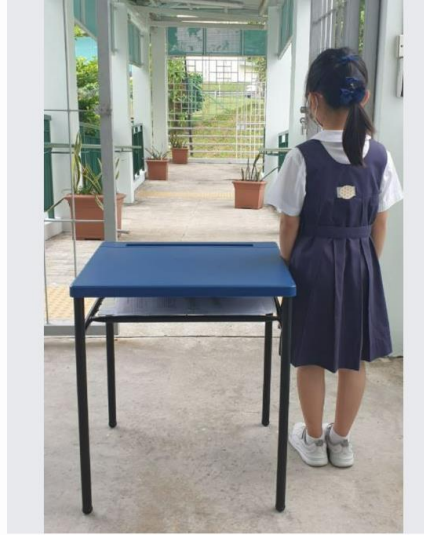
Fraction Discs



Place-value cards



Teaching & Learning

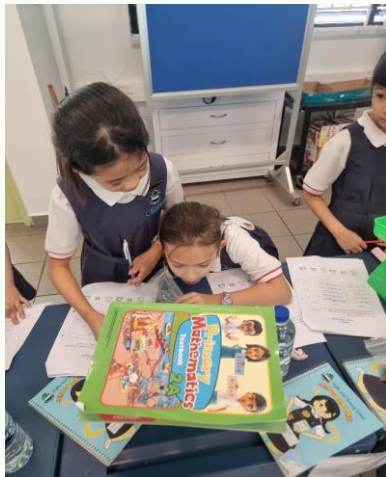


Learning about length and mass



P2 Mass

Station 1



Station 1 Guess and Check

Look at the objects given to you.

- Guess their mass and **circle** "less than" or "more than" appropriately
- Use the weighing scale to find out the mass of the objects.

Object	Guess	Mass
1 Math textbook	Less than/ More than 200g	g
1 bag of buttons	Less than/ More than 100g	g
1 bottle of water	Less than/ More than 400g	g
1 bag of beans	Less than/ More than 100g	g
1 student handbook	Less than/ More than 200g	g

Station 2

Station 2 Comparing and Ordering Masses

Put containers A, B and C on the bucket balance to compare their masses.

Label the brackets with A, B or C to show your observation.

Compare the following:

Container A with Container B



Container A with Container C



Container B with Container C



Answer the questions below using the information given in the above diagram.

- Container _____ is the heaviest.
- Container _____ is the lightest.
- Arrange the mass of the containers. Begin with the **lightest**.

Container _____, Container _____, Container _____
(lightest)



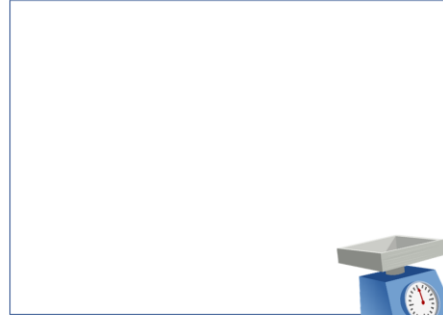
Station 3



Station 3

Weigh Your Toy!

1. Draw your Yakult craft in the box below
2. Weigh the Yakult craft using the weighing scale
3. Add in some beans into the Yakult bottle and find its mass



My empty Yakult craft has a mass of ____ g.


After adding some beans, the mass is now ____ g.



Can you think of another way to find its mass?



P2 Money

SHOPPING LIST			
	Items	Cost per item	working
Example	1 bookmark 	\$1	$4 \div 4 = 1$
1			
2			
3			
4			
5			
6			
Total cost of 1 goodie bag:		\$	



	Cost	Workings:
 \$5		
 \$1.50		
Total Cost: \$ _____		
\$ _____		
 give back: \$ _____ (change) in by _____		
* Cashier to fill in the change amount		

1 packet of fries \$3

3 canned drinks for \$2

1 pizza \$20

1 birthday cake \$60

A pack of balloons 85¢

A pack of 8 peppers \$3

Things I buy	Dollars	Cents

The _____ cost less than the _____.

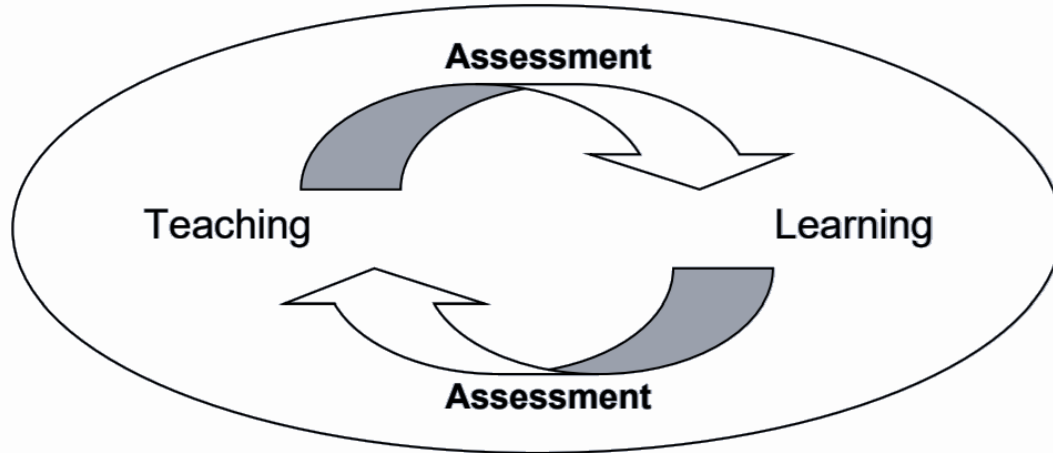
It costs \$ _____ less.

Things I buy	Dollars	Cents

The _____ costs the most.



Assessment Matters



Assessment Matters

- No weighted assessments/exams
- Instead, there will be various modes of formative (informal) assessments to ensure that pupils are learning
 1. Worksheets (Workbook and RGPS worksheets)
 2. Performance Task (PT): hands-on task for authentic experiences
 3. Activity based learning using math manipulatives
 4. Games, ICT enriched lessons
 5. Differentiated instructions lessons



Assessment Matters

Numbers To 1000	Novice	Developing	Proficient
• Counts in tens/ hundreds			
• Represents numbers in a place-value chart			
• Reads and writes numbers in numerals and in words			
• Compares and orders numbers within 1000			
• Completes number patterns			
• Identifies odd and even numbers			

Write number equations <i>(where applicable)</i>		Teacher's Comments (if any)
Show your working <i>(where applicable)</i>		
Revise concepts learnt at home		
Check your work carefully		
Write neatly		



How can you help your child?

- Make Math Fun
- Show the relevance of Math in real-life
- Provide a supportive environment
- Ensure that they have shown you their work and file it to facilitate proper revision.
- **Be encouraging, adopt a positive mindset, and celebrate every success**



Thank you!

