

# Primary 2 Mathematics Curriculum Briefing



# Outline

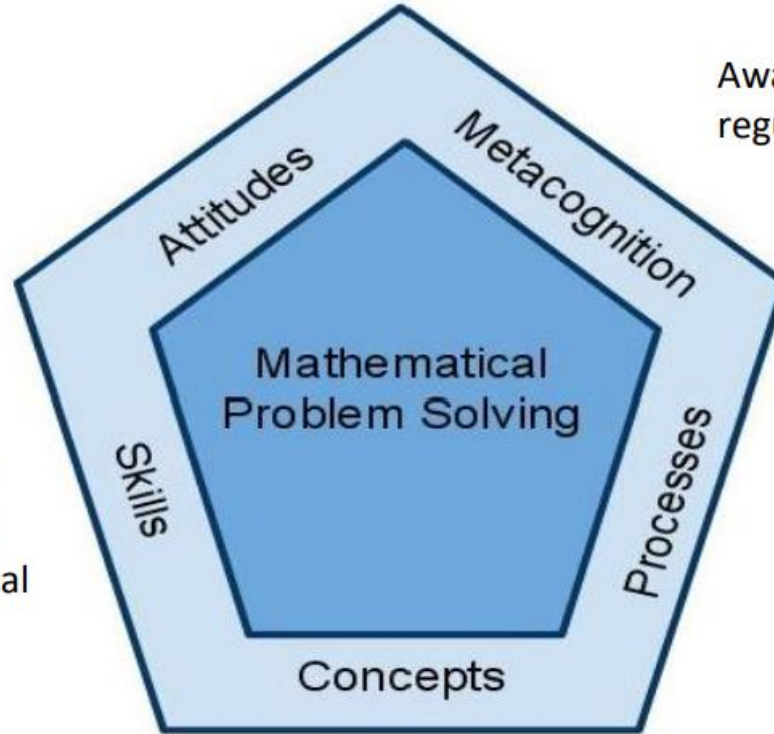
- Mathematics Curriculum Framework
- Mission
- Approach to Teaching & Learning
- Assessment



# MOE 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



# Mission



To enable our students to master mathematical concepts and skills for everyday life and to equip them with process skills to solve mathematical problems.



# Content Sequence for P2

Semester 1	Semester 2
<b>Term 1</b> Numbers to 1000 Addition & Subtraction Length	<b>Term 3</b> Addition & Subtraction (Word Problems) Multiplication Tables of 3 & 4 Money Fractions
<b>Term 2</b> Multiplication & Division Multiplication Tables of 2, 5 & 10 Mass Time	<b>Term 4</b> Volume Picture Graphs Shapes

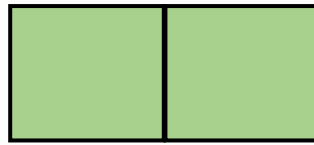


# Approach to Teaching & Learning

CONCRETE

PICTORIAL

ABSTRACT



**2**



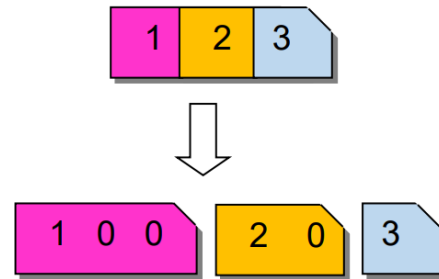
**3 + 2 = 5**



# Approach to Teaching & Learning



Multilink Cubes



Number Discs



Fraction Discs

Use of concrete manipulatives to develop conceptual understanding





# Real-Life Objects for Teaching Multiplication / Division



Group of 2's



Group of 5's



Group of 4's



Groups of 10's



Groups of 3's





# Teaching & Learning



Learning about length and mass

# 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?







# Learning about 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:		\$	



Item(s)	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 \$25	 1 birthday cake \$60
 A pack of balloons 85¢	 A pack of 8 poppers \$3

Things I buy	Dollars	Cents
The _____ cost less than the _____.		
It costs \$ _____ less.		

Things I buy	Dollars	Cents
The _____ costs the most.		





**P2**  
**LEARNING**  
**JOURNEY**



# Assessment

- No weighted assessments/exams for Primary 2
- Use of various modes of non-weighted assessments to assess students' learning through
  - Daily work
  - Performance Task
  - Topical Review
  - Teacher's observations and feedback



# Topical Review Feedback

Numbers To 1000	Novice	Developing	Proficient
<ul style="list-style-type: none"> <li>Counts in tens/ hundreds</li> </ul>			
<ul style="list-style-type: none"> <li>Represents numbers in a place-value chart</li> </ul>			
<ul style="list-style-type: none"> <li>Reads and writes numbers in numerals and in words</li> </ul>			
<ul style="list-style-type: none"> <li>Compares and orders numbers within 1000</li> </ul>			
<ul style="list-style-type: none"> <li>Completes number patterns</li> </ul>			
<ul style="list-style-type: none"> <li>Identifies odd and even numbers</li> </ul>			

Write number equations <i>(where applicable)</i>	
Show your working <i>(where applicable)</i>	
Revise concepts learnt at home	
Check your work carefully	
Write neatly	

**Teacher's Comments**



# Empowering Math Learning at Home

- - Show the relevance of Math in real-life
  - Play Math Games
  - Provide a supportive environment
  - Encourage a Growth Mindset



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# Thank you!

