Mathematics @ Yuhua Primary School

Primary 4

1. Mathematics Curriculum
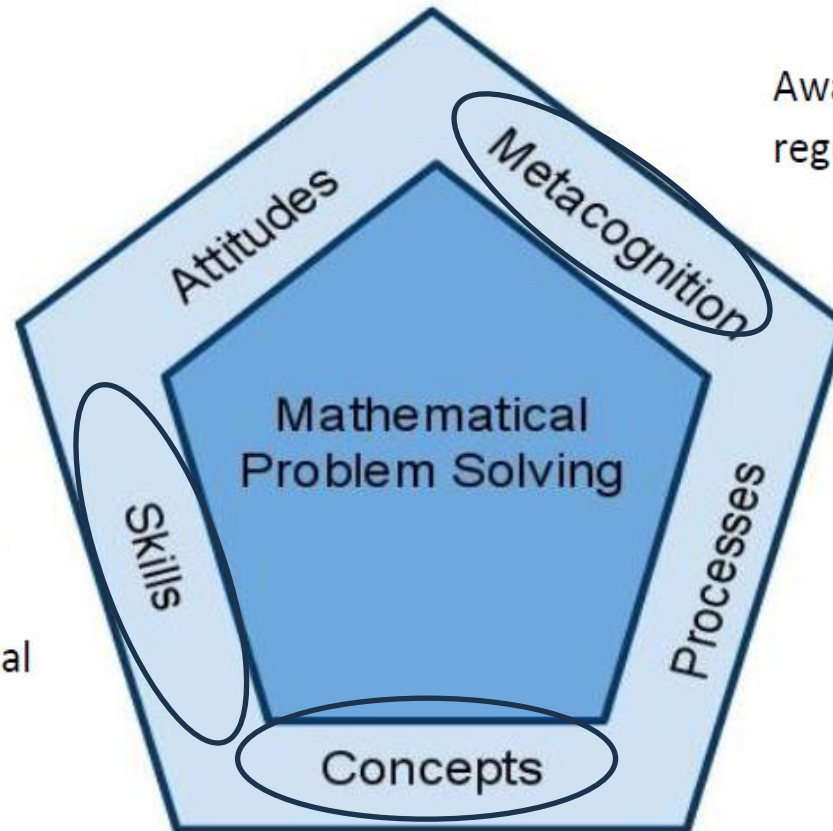2. P4 Mathematics Assessment Format
3. Home Support for Your Child

Mathematics Curriculum

Mathematics Curriculum Framework

Belief, appreciation, confidence, motivation, interest and perseverance

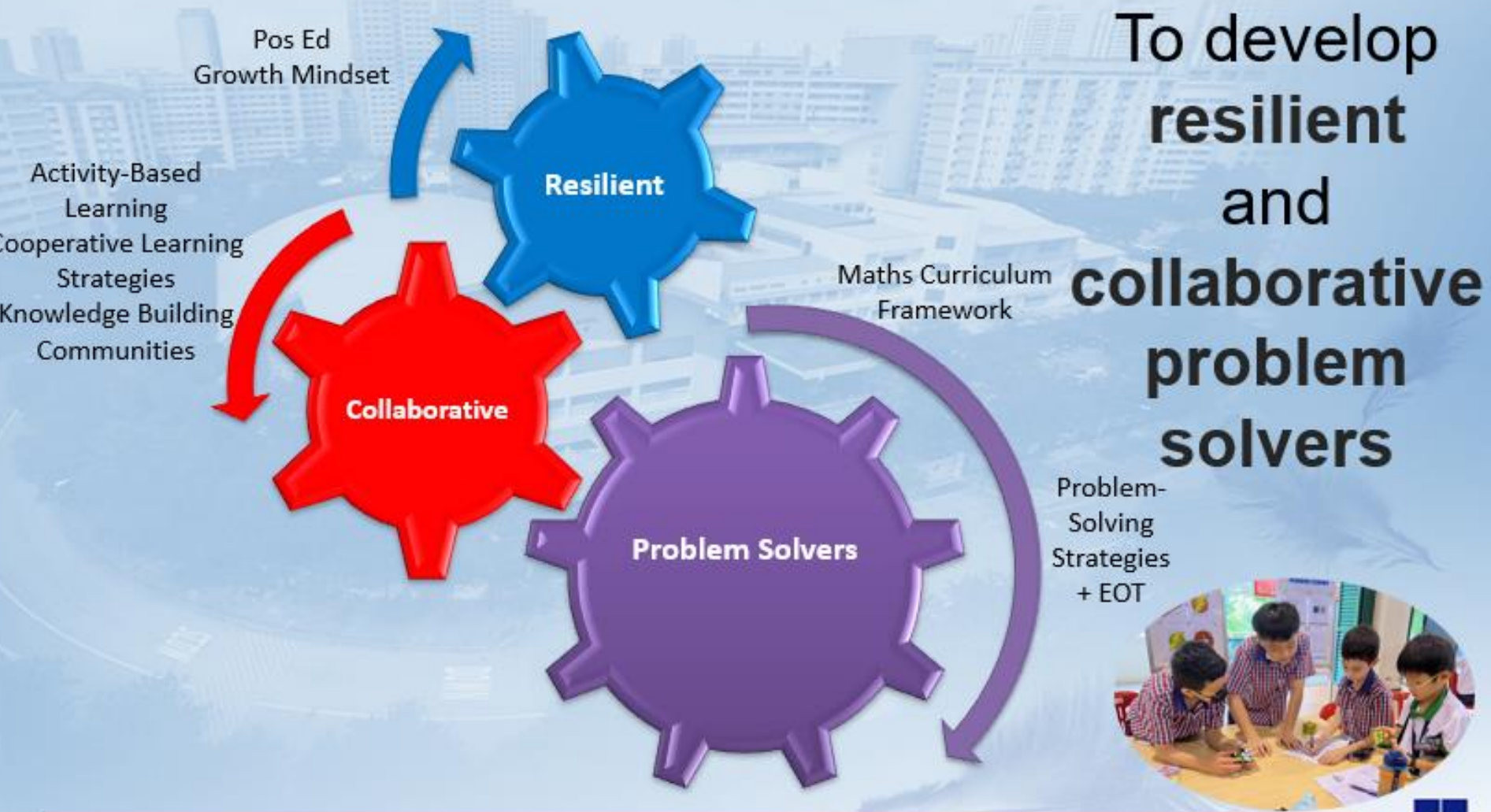Awareness, monitoring and regulation of thought processes

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

Attitudes

Metacognition

Mathematical Problem Solving

Skills

Processes

Concepts

Understanding of the properties and relationships, operations and algorithms

YHPS Maths Department Mission

Pos Ed
Growth Mindset

Resilient

Activity-Based
Learning
Cooperative Learning
Strategies
Knowledge Building
Communities

Collaborative

Maths Curriculum
Framework

Problem Solvers

Problem-
Solving
Strategies
+ EOT

To develop
resilient
and
collaborative
problem
solvers

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Growing our Hearts and Minds

Yuhua
Primary School

Mathematics New Syllabus

P4 Sequence for 2013 syllabus	P4 Sequence for 2021 syllabus
1. Numbers to 100 000	1. Numbers to 100 000
2. Factors and Multiples	2. Factors and Multiples
3. Four Operations of Whole Numbers	3. Four Operations of Whole Numbers
4. Fractions	4. **Tables and Line Graphs** (Move up to T1)
5. Fractions	5. Fractions (I)
6. Angles	6. Fractions (II)
7. Rectangles and Squares	7. Angles
8. Symmetry	8. Rectangles and Squares
9. Decimals	9. Decimals
10. Four Operations of Decimals	10. Four Operations of Decimals
11. Area and Perimeter	11. **Pie Charts** (New)
12. Tables and Line Graphs	12. Area and Perimeter
13. Time	13. **Nets** (New)
	14. Symmetry

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P4 Mathematics Assessment Format

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Primary 4 Mathematics Assessment Plan 2024
(Aligned with 2021 Syllabus)

Assessment	Term 1	Term 2	Term 3	Term 4
Formative Assessment (Non-weighted)	**Topical Review** - Whole Numbers - Four Operations of Whole Numbers - Tables and Line Graphs	**Topical Review** - Fractions - Angles - Rectangles and Squares	**Topical Review** - Decimals - Pie Charts	**Topical Review** - Area and Perimeter - Nets and Symmetry
Summative Assessment (Weighted) **Total : 100%**	**Term 1 Review Test** Week 8 (19 Feb - 23 Feb) (30 marks, 45 min) SLS Online Quiz **Topics to be assessed** - Numbers to 100 000 - Factors & Multiples - Four Operations of Whole Numbers	**Term 2 Review Test** Week 8 (6 May – 10 May) (30 marks, 45 min) Written Assessment: MCQ, SAQ and LAQ **Topics to be assessed** - Whole Numbers - Fractions - Angles - Tables and Line Graphs	**Term 3 Review Test** Week 8/9 (16 Aug – 22 Aug) (30 marks, 45 min) SLS Online Quiz **Topics to be assessed** - Fractions - Decimals - Four Operations of Decimals - Pie Charts - Rectangles and Squares	**End-of-Year Exam** Week 7 (21 Oct – 25 Oct) (100 marks, 1 h 45 min) Written Assessment: MCQ, SAQ and LAQ **Topics to be assessed** - All the topics covered in Semester 1 & 2
	10%	10%	10%	70%

Note: MCQ – Multiple Choice Question, SAQ – Short Answer Question, LAQ – Long Answer Question, OE – Open-ended

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Primary 4 Standard Mathematics

Topical Review 1

Name : _____ ( ) Date: _____
Class : _____

Whole Numbers

Section A

For each question, four options are
answer. Make your choice (1, 2, 3 or

1. What is the place value of the digi
   (1) tens
   (3) thousands

2. 20 000 + 4000 + 600 + [?]
   (1) 9
   (2) 90
   (3) 900
   (4) 9000

3. Find the sum of 5 168 and 2 789.
   hundred.
   (1) 7 900
   (3) 7 960

Unit 1: Numbers to 100 000

	I think...			My teacher thinks...		
	😐	🙂	😃	😐	🙂	😃
I know how to describe a number using place values (ones, tens, hundreds, thousands and ten thousands).						
I know how to round numbers to the nearest ten, hundred or thousand.						
I know how to find the missing number(s) in a number pattern.						
I know how to solve word problems using a model.						

😐 -- I need help. 🙂 -- With more practice, I can do i

I am good at _____

I need to work on _____
_____

Parent's signature:

SLS P4 Mathematics Term 3 Review Test

You're previewing this Lesson as a **Student**

🔒 P4 Mathematics Term 3 Review Test

7 8 9 10 11 12 13 14 15 16 17 18

Q15

Ethan mixed 9.5 ℓ of water with 1.64 ℓ of orange syrup. What was the volume of the mixture?

Round your answer to the nearest tenths.

answer ____ ℓ

9.5ℓ   1.64ℓ

Help us improve 😊

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Home Support For Your Child

- Find out about the topics they are currently learning
  - For example: Fractions, Tables and Line Graphs, Decimals, etc

Supporting your child in the learning of Maths...

Relate Mathematics to Daily Life

Tables and Line Graphs

Share of respondents in Singapore who receive news form the following sources from 2017 to 2023
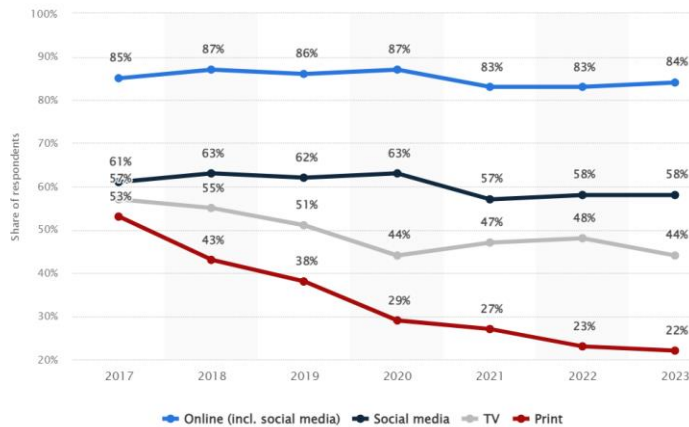

https://www.statista.com/statistics/1026656/singapore-ye

Table B: Premiums (before subsidies)
(Applicable for policy start/renewal date on or after 1 Jan 2024

Age Next Birthday	Annual Premiums (Inclusive of 9% GST)	Age Next Birthday	Annual Premiums (Inclusive of 9% GST)
1 – 20	$147.71	74 – 75	$1,344.67
21 – 30	$254.67	76 – 78	$1,558.60
31 – 40	$397.29	79 – 80	$1,619.72
41 – 50	$534.81	81 – 83	$1,706.31
51 – 60	$814.95	84 – 85	$1,971.17
61 – 65	$1,039.07	86 – 88	$2,062.85
66 – 70	$1,120.56	89 – 90	$2,062.85
71 – 73	$1,217.34	>90	$2,093.41

https://www.moh.gov.sg/healthcare-schemes-subsidies/medishield-life/medishield-life-premiums-and-subsidies/premium-subsidy-tables

Relate Mathematics to Daily Life

Fractions – Mixed numbers and improper fractions

Cakes, Pizzas, chocolate bars
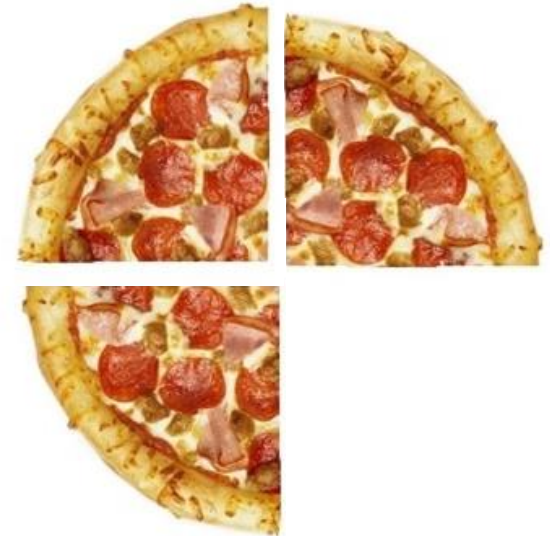
Supporting your child in the learning of Maths...

Relate Mathematics to Daily Life

Decimals – 4 operations of decimals

Money in decimal notation: $14.55

Measurement in decimal notation: 45.6 kg, 12.9 m, 4.5 ℓ

Supporting your child in the learning of Maths...

Other Resources – SLS MOE Library

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Supporting your child in the learning of Maths...

Other Resources – SLS MOE Library

Adding and Subtracting Unrelated Fractions
Mathematics
Primary 4
Learn how to add and subtract unrelated fractions by finding their common denominators.

LESSON DETAILS   ATTEMPT
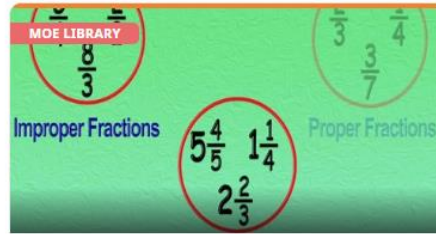
Improper Fractions and Mixed Numbers
Mathematics
Primary 4
Learn about improper fractions and mixed numbers are.

LESSON DETAILS   ATTEMPT
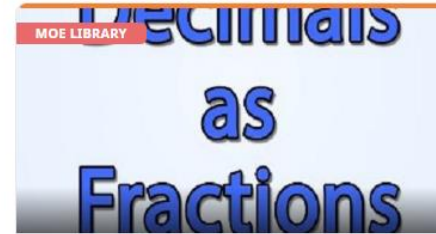
Decimals as Fractions
Mathematics
Primary 4
In this lesson, you will learn how to convert decimals to fractions.

LESSON DETAILS   ATTEMPT

Fractions as Decimals
Mathematics
Primary 4
In this lesson, you will learn how to convert fractions to decimals.

LESSON DETAILS   ATTEMPT
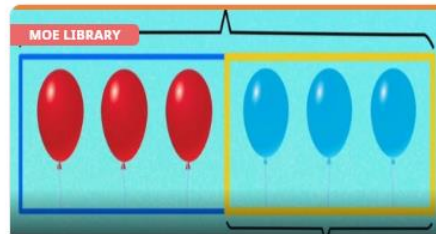
Fraction of a Set
Mathematics
Primary 4
Learn to use fractions to represent a set of objects.

LESSON DETAILS   ATTEMPT

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Supporting your child in the learning of Maths...

In YHPS, we use See-Clue~~s~~ toward solvi~~ng~~
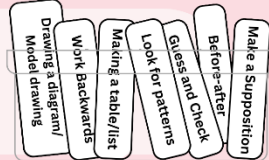

SEE-CLUES
SOLVE-CHECK

SEE
These are the things I can **See** in the story.
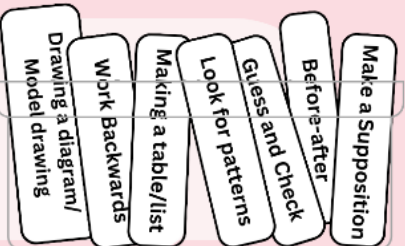(numbers, items, time, names)

CLUES
These are the **Clues** I can dig out.
(eg comparison words, twice, remainder, relationships)

SOLVE
This is how I can start to **Solve** it.
(I have a toolbox of heuristic skills)

Drawing a diagram/Model drawing · Work Backwards · Making a table/list · Look for patterns · Guess and Check · Before-after · Make a Supposition

CHECK
I **Check** my steps and workings to see if my answers are reasonable.

P4

Supporting your child in the learning of Maths...

It is alright if you do not have the solution.

As parents,

(a) affirm them for their efforts.

(b) encourage them to seek help from their peers or teachers to explain to them

(c) follow up by showing interest and motivate them to share their solutions with you.

Thank you