

Sharing on Mathematics

Primary 3

Overview

- Mathematics Curriculum
- P3 Mathematics Assessment Format
- Home Support for Your Child

Mathematics Curriculum

Yuhua Primary School

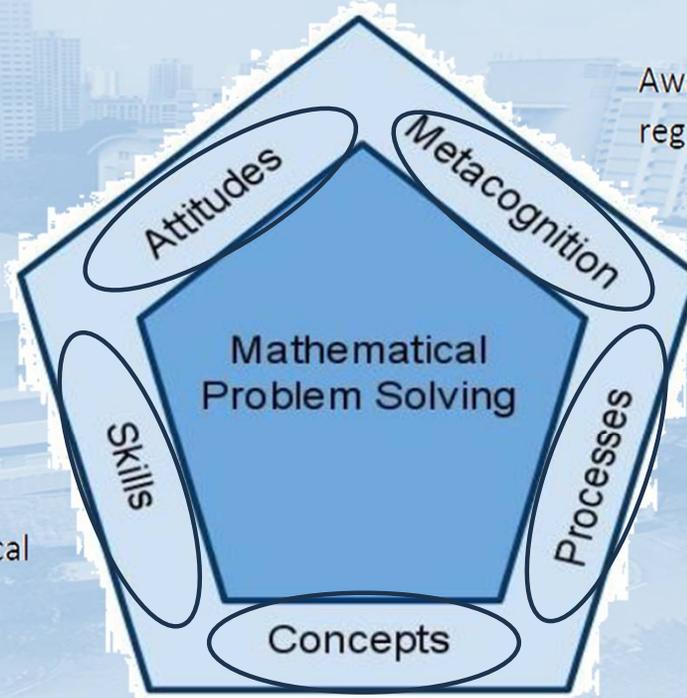
Growing our Hearts and Minds



Mathematics Curriculum Framework

Belief, appreciation, confidence, motivation, interest and perseverance

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



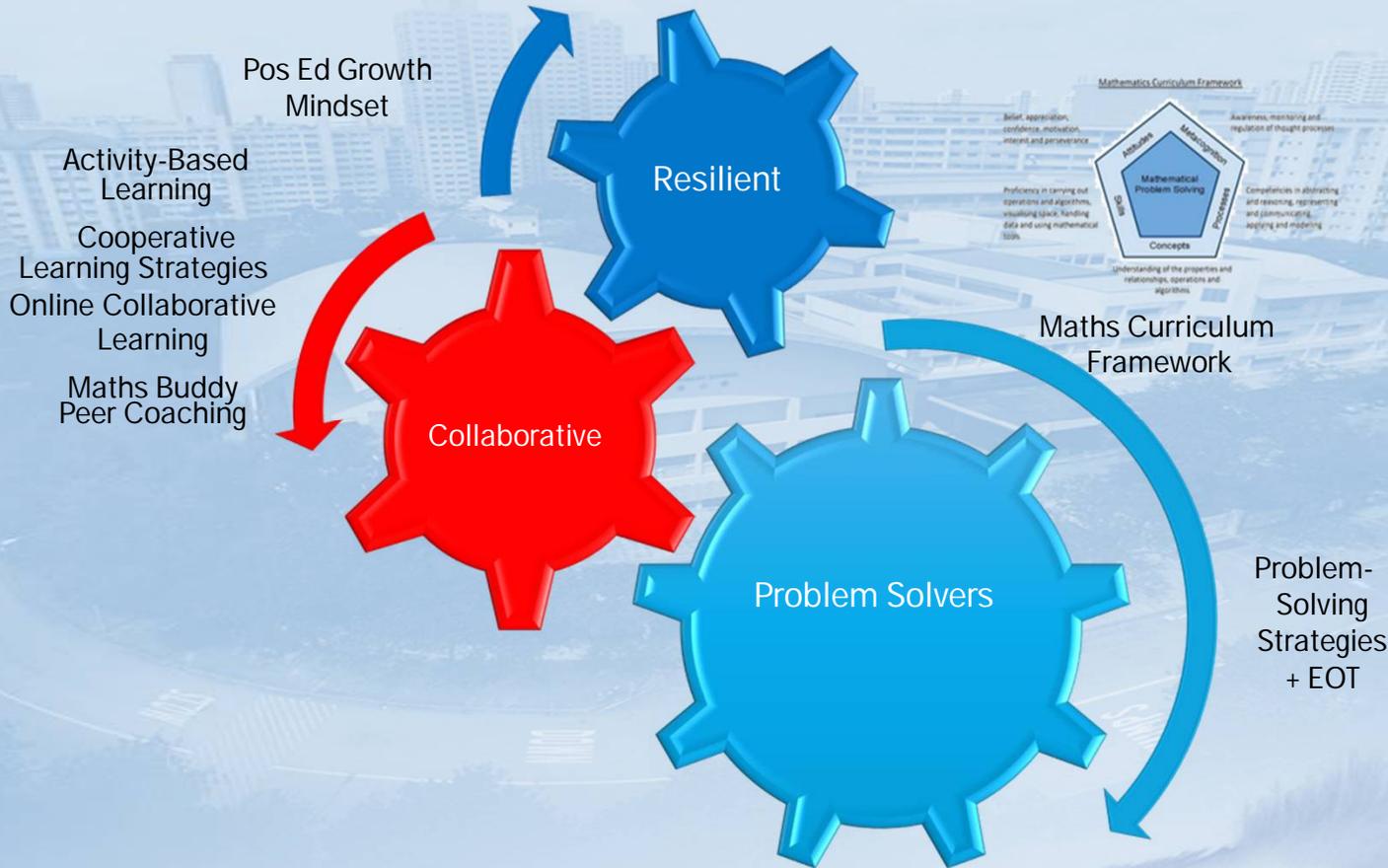
Awareness, monitoring and regulation of thought processes

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

Understanding of the properties and relationships, operations and algorithms



YHPS Maths Department Mission



To develop
resilient
and
collaborative
problem
solvers



P3 Mathematics Assessment Format

Yuhua Primary School

Growing our Hearts and Minds



Assessment Plan 2026

Assessment	Term 1	Term 2	Term 3	Term 4
Formative Assessment (Non-weighted)	Topical Review - Numbers to 10 000 - Addition & Subtraction - Money - Multiplication Tables Term 1 Review Quiz SLS Online Quiz - Whole Numbers to 10 000 - Addition & Subtraction - Money - Multiplication Tables	Topical Review - Multiplication & Division - Bar Graphs - Angles - Perpendicular & Parallel Lines	Topical Review - Fractions - Measures: Length, Mass and Volume	Topical Review - Area and Perimeter - Time
Summative Assessment (Weighted) Total: 100%		Term 2 Review Test Term 2 Week 7 (4 – 8 May) (30 marks, 45 min) Written Assessment: MCQ, SAQ and LAQ <u>Topics to be assessed</u> - Whole Numbers - Money - Bar Graphs - Angles	Term 3 Review Test Term 3 Week 7- 8 (14 – 20 Aug) (30 marks, 45 min) SLS Online Quiz / Written <u>Topics to be assessed</u> - Fractions - Measures <ul style="list-style-type: none"> • Length • Mass • Volume - Perpendicular & Parallel Lines	End-of-Year Exam Term 4 Week 6 (22 Oct) (50 marks, 1 h 15 min) Written Assessment: MCQ, SAQ and LAQ <u>Topics to be assessed</u> - Whole Numbers - Fractions - Length, Mass, Volume - Area and Perimeter - Time - Money - Geometry - Statistics
		15%	15%	70%

Formative Assessment (Non-Weighted)

Maths Department 2024



YUHUA PRIMARY SCHOOL
Primary 3 Standard Mathematics
Topical Review 1



Name : _____ () Date : _____
Class : _____

Parent's signature: _____

Topic: Numbers to 10 000

- Complete the Topical Review questions.
- Fill in the "I think..." columns in the self-assessment checklist.
 - Use the "I know how to" statements and refer to the question numbers.
 - Tick (✓) the level you think you are at.

Self-Assessment Checklist and Feedback						
I know how to ...	I think...			My teacher thinks...		
	☹	😊	☺	☹	😊	☺
Count, read and write numbers within 10 000. - Q1, 2, 3, 4, 9, 10a						
Compare and order numbers within 10 000. - Q5, Q7						
Complete number patterns for numbers within 10 000. - Q6, Q8						
Form the greatest or smallest 4-digit number. - Q7, 10b						

 I need help.
  I'm almost there!
  I can do this!

Maths Department 2024

Post-reflection
(Growth Mindset: With perseverance, I know I can do it!)

Choose **ONE** response from the following: (Please circle your choice)

- What is one **challenge** I faced in the topic of 'Numbers to 10 000'? (You can refer to the questions in the worksheet and explain why it is a challenge for you.)
I need help with _____
because _____.
- My revision plans:**

I will...	Date completed
<input type="checkbox"/> Revise through 3A Textbook pages 2 to 21 and 3A Practice Book pages 1 to 22	
<input type="checkbox"/> Revise from online resources such as SLS <i>I can scan the QR code on 3A Textbook page 3</i>	
<input type="checkbox"/> Ask my Maths Buddy (who? _____) <i>Fill in the name of your Maths Buddy</i>	
- Let's **create a new question** related to 'Numbers to 10 000'.
Fill in the blanks for the question and show the **solution**.
[Refer to Page 4 Q9 of this topical review]

Question:
 In a 4-digit number, the digit in the **thousands** digit is the **same** as the digit in the **ones / tens / hundreds** (please circle) place.
 The digit in the **hundreds** place is **4 more** than the digit in the **ones** place.
 The digit in the **tens** place is _____ **less** than the digit in the **hundreds** place.
 The digit in the **ones** place is 5.
 What is the 4-digit number?

 Ans: _____

Summative Assessment (Weighted)

SLS online quiz

P3 Mathematics Term 3 Review Test 2024 Optional

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

Q14

A tank contained 2873 ml of water at first. Leon poured 1 l 58 ml of water into the tank. How much water was in the tank at the end? Give your answer in millilitres.



P3_Rt_Qn.mp4

End-of-Year Examination Paper

Section A

Questions 1 to 6 carry 1 mark each. Questions 7 to 11 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write your answer in the bracket provided.

(16 marks)

1. What is $\frac{1}{2}$ of 100?
- (1) 5
 - (2) 50
 - (3) 500
 - (4) 5000

Section B

Questions 12 to 21 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

2. What is $\frac{1}{2}$ of 120?
- (1) 60
 - (2) 120
 - (3) 240
 - (4) 2400

3. Convert 4000 ml to litres.
- (1) 4
 - (2) 40
 - (3) 400
 - (4) 4000

14. $3882 + 2$
- What is the answer?
- (1) 4
 - (2) 40
 - (3) 400
 - (4) 4000

Section C

For questions 22 to 25, show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. The number of marks available is shown in brackets [] at the end of each question or part-question.

(14 marks)

22. A food stall sold nasi lemak and chicken rice on Monday. The stall sold thrice as many plates of nasi lemak as chicken rice. The stall sold 90 more plates of nasi lemak than chicken rice. How many plates of nasi lemak did the stall sell on Monday?

Do not write in this space.

Home Support For Your Child

Connect – Question – Celebrate

Yuhua Primary School

Growing our Hearts and Minds



Supporting your child in the learning of Maths ...

Connect

- Find out about the topics they are currently learning
 - For example: Fractions, Multiplication and Division Facts of 6, 7, 8, 9, Measurement, Time , etc

Supporting your child in the learning of Maths ...

Connect

Multiplication and Division facts of 6, 7, 8, 9

- Build from P2 – 2, 3, 4, 5, 10
- They learn through fun songs or dances
- Invite your child to sing the multiplication songs
- Quiz them on some multiplication or division facts as you walk them to school, or when you are on a bus/car ride with them.



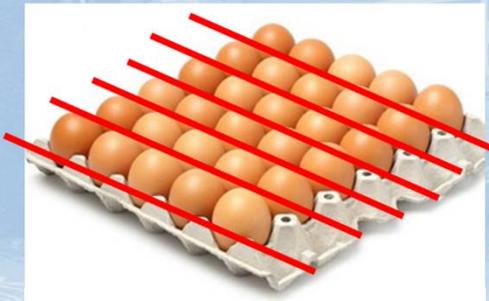
Supporting your child in the learning of Maths ...

Connect

Relate Mathematics to Daily Life

Multiplication and Division facts of 6, 7, 8, 9

- Find equal rows or columns around you
- E.g. egg trays, chocolate boxes



6 rows of 5 eggs
 $6 \times 5 = 30$



4 rows of 6
chocolates
 $4 \times 6 = 24$



Supporting your child in the learning of Maths ...

Connect

Relate Mathematics to Daily Life

Length, Mass, Volume

Enrich their baking, cooking or shopping experience

- E.g. measuring of mass and volume of ingredients
- E.g. Reading labels from supermarket items (mass, volume)



Supporting your child in the learning of Maths ...

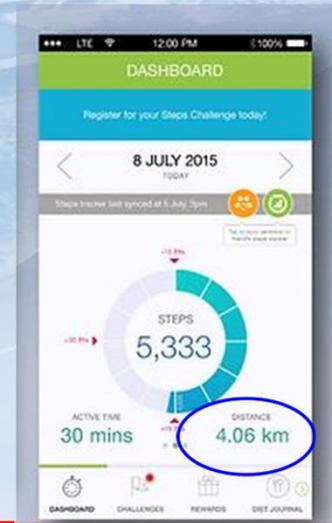
Connect

Relate Mathematics to Daily Life

Length, Mass, Volume

Family outdoor activities

- E.g. a walk or a jog in the park



Supporting your child in the learning of Maths ...

Connect

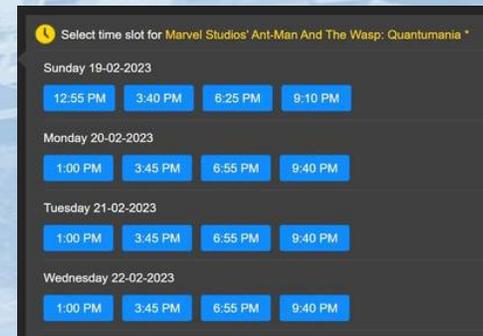
Relate Mathematics to Daily Life

Time – 24h clock and duration

Talk about time in 24 hour clock



Talk about duration



Conversion of time

120 minutes = 2 hours, so 140 minutes = 2 hours and 20 minutes



Supporting your child in the learning of Maths ...

In YHPS, we use See-Clues-Solve-Check as an approach towards solving word problems

Question

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)

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

Heuristic Skills: Draw a diagram, Model drawing, Work Backwards, Making a table/list, Look for patterns, Guess, and Check, Before-after, Make a Supposition.

P4

When they are doing their home assignment, you can use the same approach by asking them questions such as:

- What do you **see**/notice in the question?
- Are there any hidden **clues** you need to find out?
- What topics or concepts do you think you can apply?
- What heuristics/tools do you think you can use to help you to **solve**? (Model drawing, Making a list etc)
- How do you **check** to ensure your solution is accurate or reasonable?

Supporting your child in the learning of Maths ...

Celebrate

It is alright if you do not have the solution.

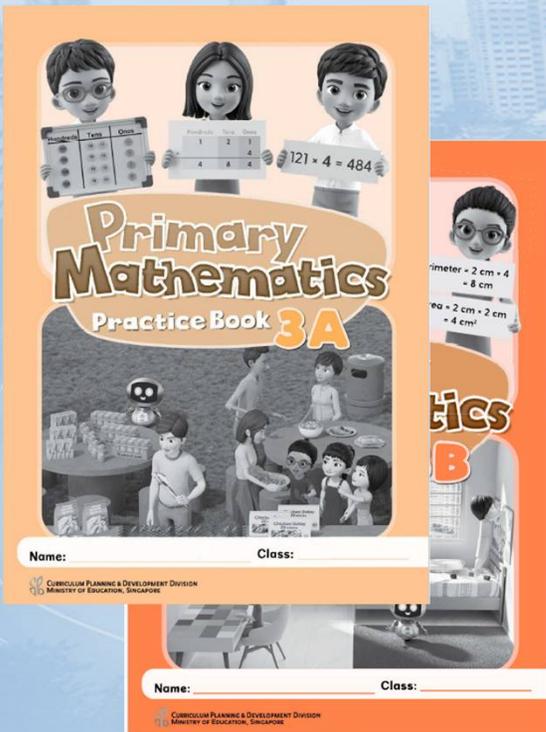
As parents,

- (a) Look out for **progress/little successes** and celebrate with them.
- (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.



Other areas you can support

Practice Book Exercises



Topical Reviews

Maths Department 2024

YUHUA PRIMARY SCHOOL
Primary 3 Standard Mathematics
Topical Review 1

Name: _____ (L,) Date: _____
Class: _____

Parent's signature: _____

Topic: Numbers to 10 000

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The digit in the tens place is less than the digit in the hundreds place.
The digit in the ones place is 5.
What is the 4-digit number?

Ans: _____

Assessment Plan (Parents Gateway)

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Other areas you can support

Other Resources – SLS MOE Library

Student Learning Space

Search: Fractions

Subject: **1 Select Subject**

- Mathematics - H2MATHS
- Mathematics - MATHS**
- Mobile Robotics - G1ROBOTICS
- Music - G1MUSIC
- Music - G3MUSIC
- Music - H2MUSIC

Level: **1 Select Level**

- Primary 1
- Primary 2
- Primary 3**
- Primary 4
- Primary 5

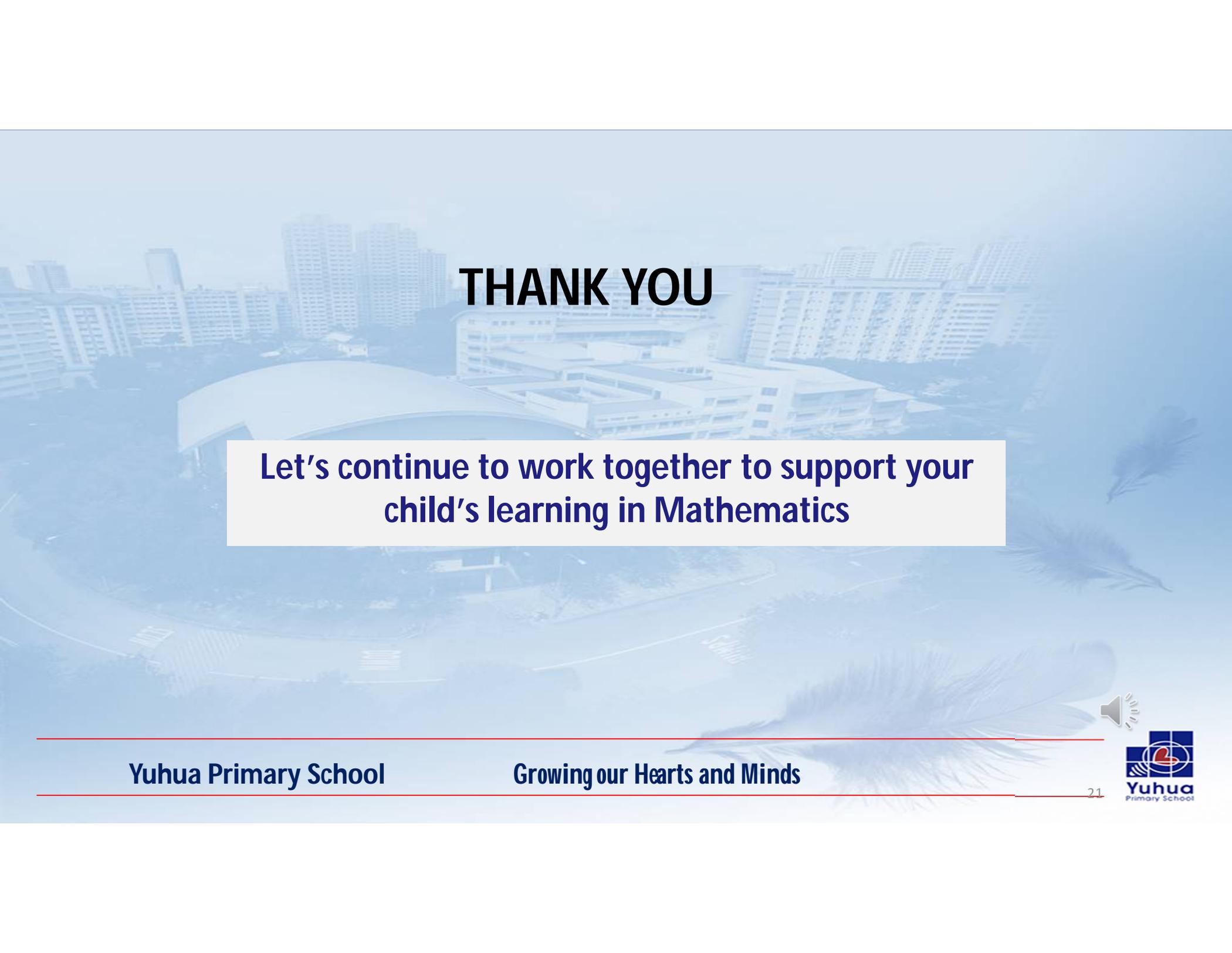
MOE LIBRARY

Equivalent Fractions
Mathematics
Primary 3
Learn what equivalent fractions are.
LESSON DETAILS ATTEMPT

Introduction to Fractions
Mathematics
Primary 3
Learn about equivalent fractions and how to compare and order fractions.
LESSON DETAILS ATTEMPT

Comparing and Ordering Unlike Fractions
Mathematics
Primary 3
Learn how to compare and order unrelated fractions.
LESSON DETAILS ATTEMPT

Help us improve



THANK YOU

**Let's continue to work together to support your
child's learning in Mathematics**

