



# Sharing on Mathematics

## Primary 6



# Overview

- Mathematics Curriculum
- P6 Assessment: SBA and PSLE Exam Format
- Home Support for Your Child



# Mathematics Curriculum



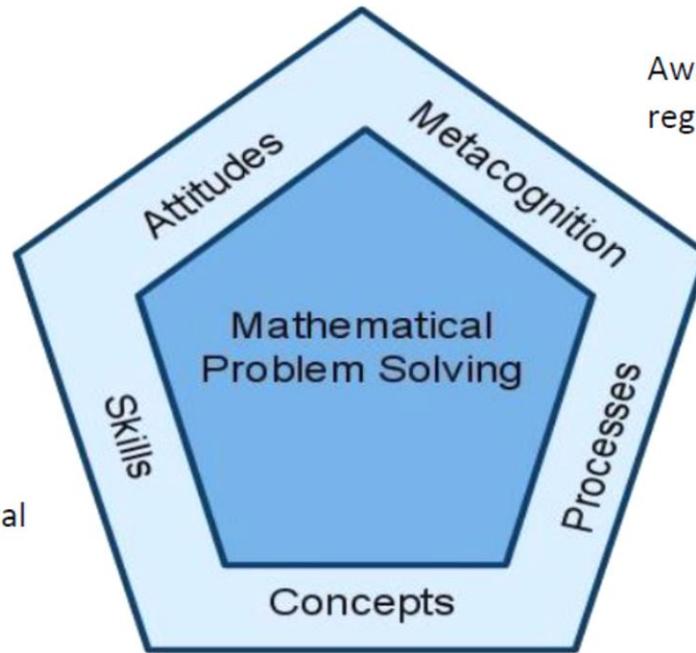
# Mathematics Curriculum Framework

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



Understanding of the properties and  
relationships, operations and  
algorithms



# YHPS Maths Department Mission

To develop  
**resilient**  
and  
**collaborative**  
**problem**  
**solvers**

Pos Ed  
Growth Mindset

**Resilient**

**Collaborative**

**Problem  
Solvers**

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 modeling

Understanding of the properties and  
relationships, operations and  
algorithms

Maths Curriculum  
Framework

Problem-  
Solving  
Strategies +  
EOT



# P6 Assessment: School-Based Assessment and PSLE Exam Format



# P6 Maths Assessment Plan

Assessment	Term 1	Term 2	Term 3	Term 4																																		
<b>Formative Assessment</b> (Non-weighted)	<b>Topical Review</b> - Fractions - Ratio - Percentage	<b>Topical Review</b> - Angles in Geometrical Figures	<b>Topical Review</b> - Average																																			
<b>Summative Assessment</b> (Weighted) <b>Total: 100%</b>	<div style="text-align: center;">  <p><b>YUHUA PRIMARY SCHOOL</b> Primary 6 Mathematics Topical Review 1</p>  </div> <hr/> <p>Name : _____ ( ) Date : _____</p> <p>Class : _____</p> <p style="text-align: center;">Parent's Signature: _____</p> <p style="text-align: center;">TOPIC: FRACTIONS</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>I can meet the following lesson objectives:</th> <th> <i>I need help!</i></th> <th> <i>I'm almost there!</i></th> <th> <i>I can do this!</i></th> </tr> </thead> <tbody> <tr> <td>1. Mixed numbers, improper fractions and their relationship (Q1,2)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2. Divide a proper fraction by a whole number (Q5)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3. Divide a whole number by a proper fraction (Q3,4)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4. Divide a proper fraction by a proper fraction (Q6)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5. Solve word problems involving the four operations (Q7,8,9,10)</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			I can meet the following lesson objectives:	 <i>I need help!</i>	 <i>I'm almost there!</i>	 <i>I can do this!</i>	1. Mixed numbers, improper fractions and their relationship (Q1,2)				2. Divide a proper fraction by a whole number (Q5)				3. Divide a whole number by a proper fraction (Q3,4)				4. Divide a proper fraction by a proper fraction (Q6)				5. Solve word problems involving the four operations (Q7,8,9,10)				<p><b>Reflections:</b></p> <p>1. Describe a mistake or misconception that you had. What did you learn from this? If you don't have a mistake, write a similar problem and solve it. You may write or draw to illustrate.</p> <div style="border: 1px solid black; height: 100px; width: 100%;"></div> <p>2. My revision plans:</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>I will...</th> <th>Date completed</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> revise through textbook page 1 to 22</td> <td></td> </tr> <tr> <td><input type="checkbox"/> revise through SLS Lesson(s)  <ul style="list-style-type: none"> <li>• Fraction as division</li> <li>• Dividing fractions</li> </ul> </td> <td></td> </tr> <tr> <td><input type="checkbox"/> ask my Maths Buddy (Who? _____) about _____</td> <td></td> </tr> <tr> <td><input type="checkbox"/> try a different strategy:  <ul style="list-style-type: none"> <li>• _____</li> </ul>                     (For example, find a pattern, make a list or table, draw model, work backwards, guess and check, etc.)                 </td> <td></td> </tr> </tbody> </table> <p style="text-align: center; font-size: small;">                     "Mathematics may not teach us to add love or subtract hate,                      but it gives us hope that every problem has a solution."                      ~ Anonymous                 </p>	I will...	Date completed	<input type="checkbox"/> revise through textbook page 1 to 22		<input type="checkbox"/> revise through SLS Lesson(s) <ul style="list-style-type: none"> <li>• Fraction as division</li> <li>• Dividing fractions</li> </ul>		<input type="checkbox"/> ask my Maths Buddy (Who? _____) about _____		<input type="checkbox"/> try a different strategy: <ul style="list-style-type: none"> <li>• _____</li> </ul> (For example, find a pattern, make a list or table, draw model, work backwards, guess and check, etc.)	
I can meet the following lesson objectives:	 <i>I need help!</i>	 <i>I'm almost there!</i>	 <i>I can do this!</i>																																			
1. Mixed numbers, improper fractions and their relationship (Q1,2)																																						
2. Divide a proper fraction by a whole number (Q5)																																						
3. Divide a whole number by a proper fraction (Q3,4)																																						
4. Divide a proper fraction by a proper fraction (Q6)																																						
5. Solve word problems involving the four operations (Q7,8,9,10)																																						
I will...	Date completed																																					
<input type="checkbox"/> revise through textbook page 1 to 22																																						
<input type="checkbox"/> revise through SLS Lesson(s) <ul style="list-style-type: none"> <li>• Fraction as division</li> <li>• Dividing fractions</li> </ul>																																						
<input type="checkbox"/> ask my Maths Buddy (Who? _____) about _____																																						
<input type="checkbox"/> try a different strategy: <ul style="list-style-type: none"> <li>• _____</li> </ul> (For example, find a pattern, make a list or table, draw model, work backwards, guess and check, etc.)																																						



# New PSLE Format

Standard Mathematics					
Paper	Booklet	Item Type	No. of qns	Total marks	Duration
1	A	Multiple-choice	18	26	1 h 10 min
	B	Short-answer	12	24	
2		Short-answer	5	10	1 h 20 min
		Structured / Long -answer	10	40	
Total			45	100	2 h 30 min

Foundation Mathematics					
Paper	Booklet	Item Type	No. of qns	Total marks	Duration
1	A	Multiple-choice	20	30	1 h
	B	Short-answer	8	16	
2		Short-answer	10	20	45 min
		Structured	4	14	
Total			42	80	1 h 45 min



# Home Support for Your Child



# Relate Mathematics to Daily Life

- Talk about Maths using real-life contexts found in print e.g. newspapers, internet

## Advancing Our Refreshed Economic Strategy



### Managing Business Costs

- **40% Corporate Income Tax Rebate** for Year of Assessment 2026
  - Capped at **\$30,000** per company
  - Minimum benefit of **\$1,500** for active companies with at least one local employee in 2025

### Connecting in a Changed World

- Enhance support for local companies to expand overseas
- Higher grant support level of **up to 70%** for SMEs and **up to 50%** for non-SMEs
- Enhance **Market Readiness Assistance** grant for enterprises to deepen presence overseas
- Enhance **Enterprise Financing Scheme** to increase maximum loan quantum for Trade and SME Fixed Assets loans

### Strengthening Our Enterprise Ecosystem

- **\$1.5 billion** for **Anchor Fund** to support public listings of high-growth companies in Singapore
- **\$1.5 billion** to expand **Equity Market Development Programme**
- Expand **Startup SG Equity** scheme to catalyse investments in early- and growth-stage deep tech startups

Find out more at [www.singaporebudget.gov.sg](http://www.singaporebudget.gov.sg)



#singapore2026  
Updated on: 12/02/2026

### Explore Budget 2026

See the breakdown of allocated expenditure and collected revenue for each sector. Find out which sector contributed the most to the national Budget. Click on each tab below to learn more.

Expenditure
Revenue
Expenditure distribution
Revenue distribution
Others

#### Expenditure breakdown per sector

Total expenditure (including special transfers) is projected to rise by \$11.23 billion, or 7.6 per cent, compared with FY2025.

	Total expenditure (\$)	% of total	% change 2025
<b>TOTAL EXPENDITURE</b> (including special transfer)	<b>168.1b</b>		<b>+7.6%</b>
<b>Social development</b>	<b>65.8b</b>		<b>+8%</b>
Health	22.5b	34	-10
Education	16.5b	25	-9
National development	10.1b	15	-8
Social & family development	6.07b	9	-11
Sustainability & the environment	3.69b	6	-12
Culture, community & youth	3.09b	5	-14
Manpower	2.65b	4	-3
Digital development & information	1.27b	2	-16
<b>Security &amp; external relations</b>	<b>37.3b</b>		<b>+11%</b>
<b>Economic development</b>	<b>29.7b</b>		<b>+10%</b>
<b>Government administration</b>	<b>4.5b</b>		<b>-3%</b>
<b>Special transfers</b>	<b>21.7b</b>		<b>-7%</b>

# Relate Mathematics to Daily Life

- Engage your child in daily chores or family events that involve Mathematics

**stand up for 50% super savers**

Present your Plus! card or FairPrice app to enjoy our super saver. Limited to 1 unit per member per day unless otherwise stated. While stocks last.

**SAVE \$3.10** per pack  
**\$3.10**  
 FAIRPRICE Roti Prata 20s  
 1.3kg U.P. \$6.20

**SAVE \$1.95 39%**  
**\$2.95** per punnet  
 INDIA Sonaka Green Seedless Grapes 500g U.P. \$4.90

**SAVE \$4.95 35%**  
**\$8.95** per punnet  
 CHILE Red Cherries 500g U.P. \$13.90

**SAVE \$2.95 37%**  
**\$4.95** per punnet  
 PASAR Australia Red Plum 400g U.P. \$7.90

**SAVE 40% 9%**  
**\$3.95** per punnet  
 ZESPRI Italy Green Kiwifruit 4s U.P. \$4.35

**SAVE 16% 18%**  
**69¢** per 100g  
 SOUTH AFRICA Sable Black Seedless Grapes U.P. 85¢ per 100g

**SAVE \$0.4 5%**  
**\$9.45** per bag  
 FRANCE Organic Juicy Apples 800g U.P. \$9.95

**SAVE 40% 9%**  
**\$3.85** per bag  
 ENZA USA Pacific Rose Apples 3s U.P. \$4.25

**SAVE \$2.05 31%**  
**10 for \$4.45**  
 PASAR Kinnow Mandarins U.P. 10 for \$4.50

**SAVE \$5.76 49%**  
**3 for \$5.95**  
 COCO THUMB Thailand Organic Coconut U.P. 3 for \$11.70

**SAVE \$1.35 14%**  
**2 for \$7.95**  
 BLUSH Single Tomatoes Sweet Delights/ Sun Delights 200g U.P. 2 for \$9.30

**SAVE 49% 15%**  
**\$2.50** per pack  
 CHINA Cherry U.P. \$2.95

**fresh must buy**

**2 for \$4.45**  
 SOUTH AFRICA Seedless Grapes Red/Green 500g U.P. 2 for \$7.80  
**SAVE \$3.45 43%**

**MIX & MATCH**

**\$3.25** per punnet  
**SAVE \$3.30 50%**  
 CHINA Cream Fuji Apple 4s U.P. \$4.55

**Freshly Curated**

**SAVE 17% 9%**  
**\$1.55** per 100g  
 PASAR Australia Chilled Shoulder B U.P. \$1.72 per 100g

**Ready-to-Serve**

**HALAL**

**Choose one promotion to travel!**

**4 adults? No worries!**  
 We have **Buy 3 get 1 FREE\***

**Or A young family of 4? 1 child fly FREE\***

**5D Amazing Bangkok Free & Easy!**  
 Stay in 5★ Berkeley Premium Hotel or similar **\$578 / pax\***  
**Buy 3 Get 1 FREE!**  
 Promotion Dep: 10 Dec

**6D Autumn in Chiangmai Free & Easy!**  
 1st night stay in Bangkok  
 4 nights stay in Chiangmai **\$669 / pax\***  
 All in 4★ Hotels! **Buy 3 Get 1 FREE!**  
 Promotion Dep: 3 or 4 Dec



# Relate Mathematics to Daily Life

- Provide opportunities for your child to have a sense of how heavy or long items are, or amount of space items occupy.



# Relate Mathematics to Daily Life

- Provide opportunities for your child to have a sense of how heavy or long items are, or amount of space items occupy.



# Scaffold Word Problems



14



# Scaffold Word Problems

## Guiding Questions



### Understand the Question

- **Given:** What is the problem about? What is the information given?
- **Find:** What am I supposed to find?
- **Topic(s):** What are the relevant topics to this problem?
- **Formula(e):** What is/are the appropriate formula(e) to use?
- **Visualise (Picture):** What do I see? What can I draw to represent the problem?

### Plan

- What do I know?
- What do I need to do to solve the problem?
- Do I need more information?
- Is there a hidden question?
- What strategies are useful?

### Solve

- Did I use the correct values?
- Is my computation correct?

### Reflect

- Is the answer reasonable?
- Do I need to revise my plan to meet all the conditions?
- Are there alternative solutions

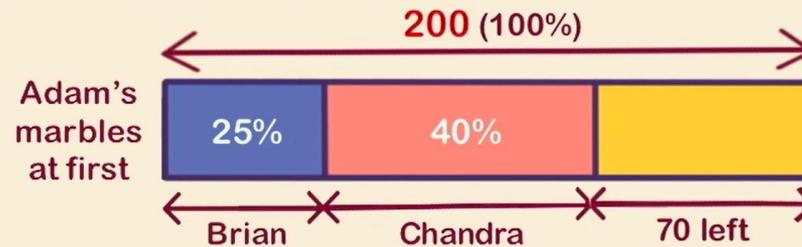


# Scaffold Word Problems

You're in the Lesson View mode.



Adam had some marbles at first.  
He gave 25% of his marbles to Brian and 40% of his marbles to Chandra.  
He had 70 marbles left.  
How many marbles did he have at first?



$$\begin{aligned}\text{Percentage of marbles Adam had left} &= 100\% - 25\% - 40\% \\ &= 35\%\end{aligned}$$

$$35\% \rightarrow 70$$

$$\begin{aligned}1\% &\rightarrow 70 \div 35 \\ &= 2\end{aligned}$$

$$\begin{aligned}100\% &\rightarrow 2 \times 100 \\ &= 200\end{aligned}$$

Adam had 200 marbles at first.



Understand

Plan

Solve

Check

$$25\% \times 200 = 50 \text{ (Brian)}$$

$$40\% \times 200 = 80 \text{ (Chandra)}$$

$$200 - 50 - 80 = 70 \text{ (marbles left)}$$



# Other Resources in SLS

**Student Learning Space**  
Adaptive Learning System (ALS)

Available for Math (Pri 5-Sec 2) and Geog (Sec 3-5)

**What is ALS?**  
ALS is an AI-enabled system which provides a personalised learning experience through step-by-step learning pathway recommended by Artificial Intelligence (AI). It considers your strengths and needs based on how you respond to the learning materials and activities.

I help support your learning by recommending suitable tasks based on your strengths and needs.

I am powered by Artificial Intelligence

**Types of Learning Modes**  
You will always be recommended one learning mode. You can follow the recommendation or choose another mode. You can always change to a more suitable learning mode later on.

Guided Learning	Revision	Mastery Check	Test myself
Choose this mode if... You feel that this might be a challenging topic and you will need guiding materials to help you as you learn step by step.	Choose this mode if... You want to revise a previously learned topic.	Choose this mode if... You feel confident and have no issues in this topic.	Choose this mode if... You want to check your understanding across several topics and subtopics.

**Track your own learning**

**Learning Progress**  
From the main ALS page, you can view your learning progress for all topics and subtopics by clicking on **VIEW ALL TOPICS**.

**Working on Specific topics/concepts**  
If you wish to work on a specific subtopic, click on the **TOPIC** button.

## WeCan Quiz

**YHPS MATHS DEPARTMENT**

**P6 Term 1 WeCan! Quiz**

Module

## Adaptive Learning Study Tool

**Student Learning Space**

Adaptive Learning  
Start learning today!

**My Learning Goals**

Concepts No goals available

**Learning Time**  
Actual: 00:00 Target: 00:15  
HH:MM HH:MM

**(ALS) MATHEMATICS**

TEST MYSELF VIEW ALL TOPICS

**Primary Mathematics**

- Whole Numbers
- Fractions
- Decimals

You're previewing this Module as a Student

**P6 Term 1 WeCan! Quiz**

1 2 3 4 5 6 7 8 9 10 11

SUN RUSHONG submitted on 20 Jan 2025 02:51 PM

Figure is divided into 25 equal parts.

What percentage of the figure is shaded?

12%

88%

3%

4%

NUMBER OF TREES



# Provide Emotional Support

- Provide emotional support for your child.



**THANK YOU**

