



Mathematics @ Yuhua Primary School

Primary 6

Yuhua Primary School

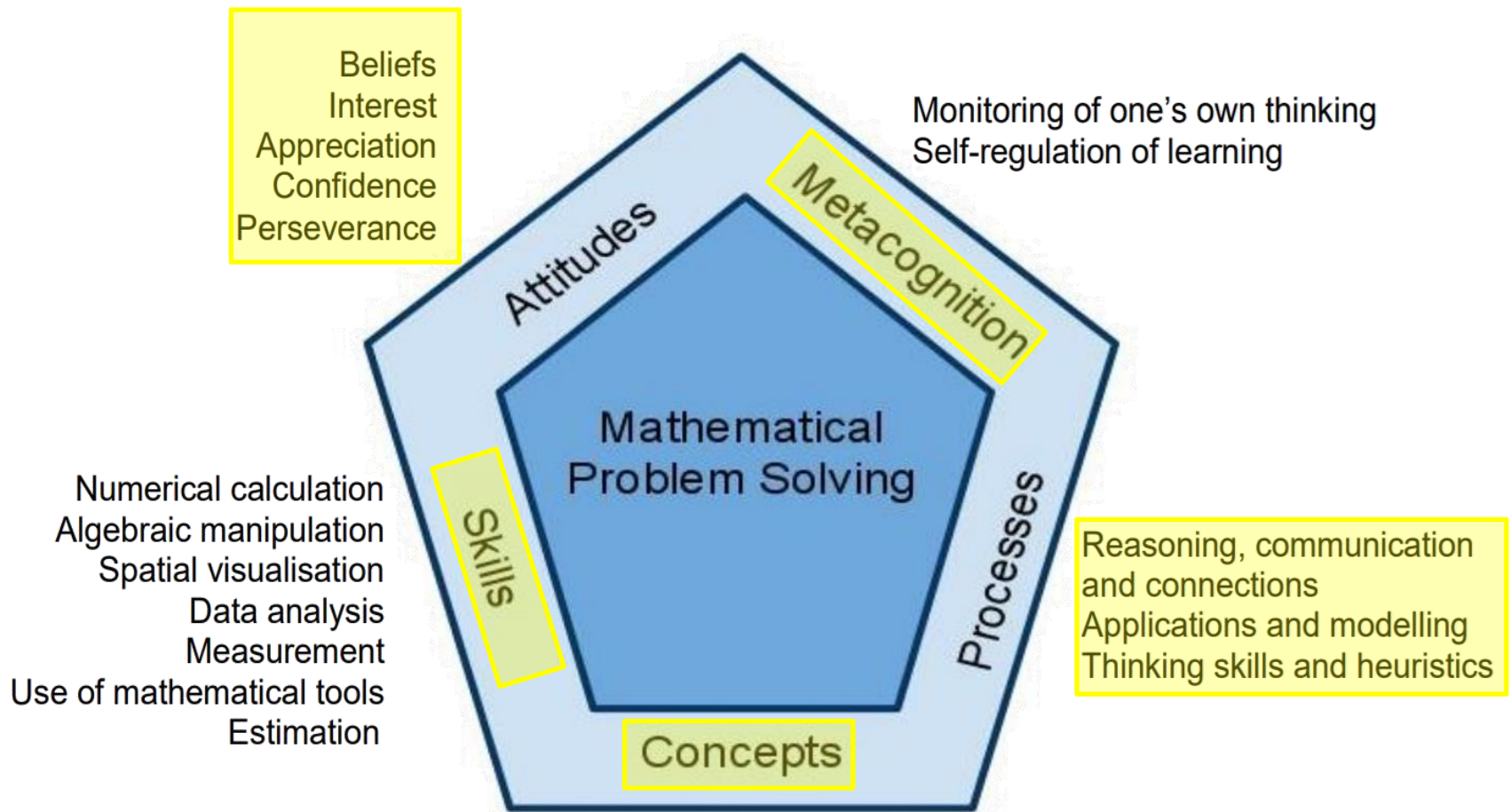
Growing our Hearts and Minds



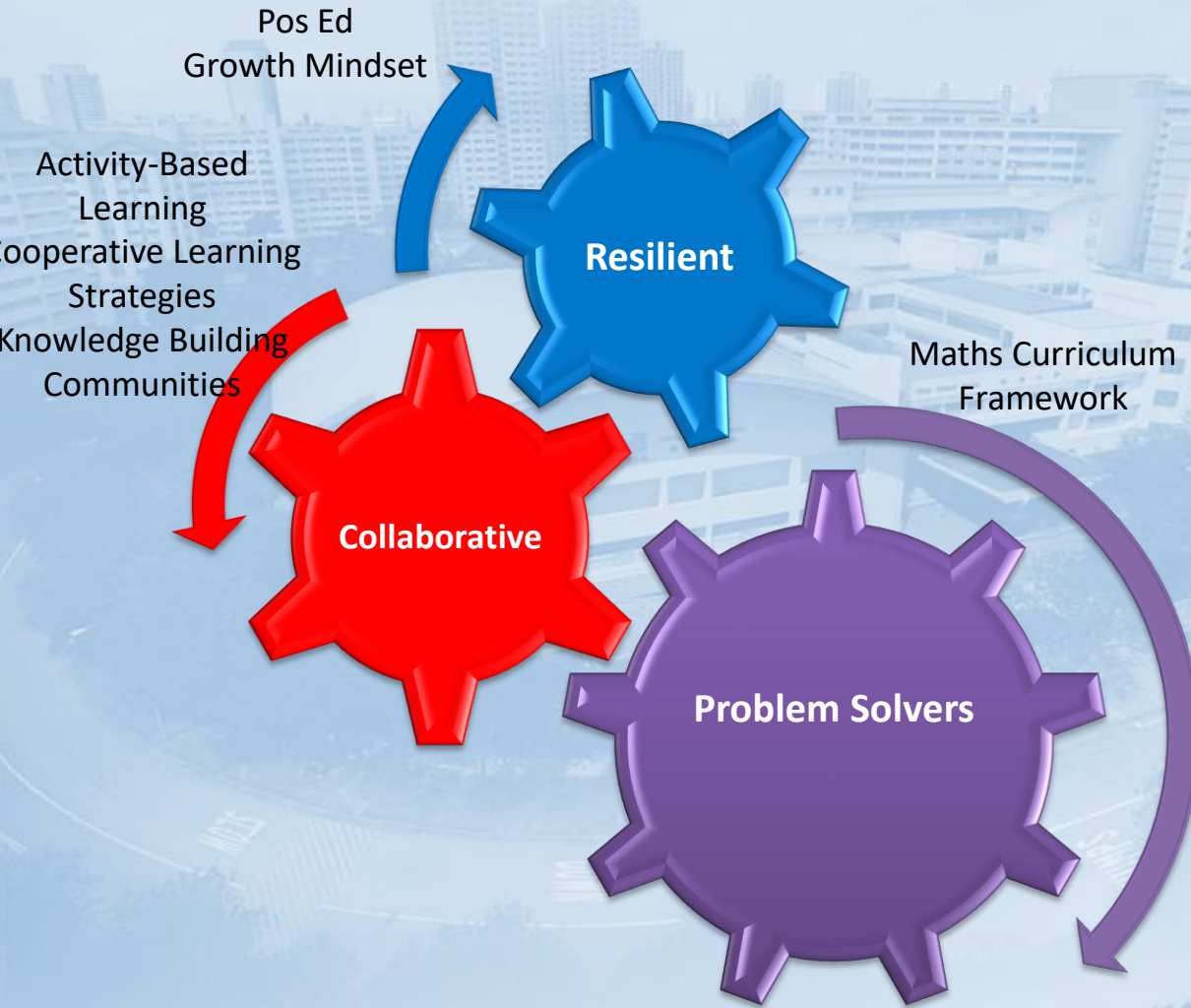
Overview

1. Mathematics Curriculum
2. P6 Assessment: SBA and PSLE Exam Format
3. Home Support for Your Child

Mathematics Curriculum Framework



YHPS Maths Department Mission



To develop
resilient
and
collaborative
problem
solvers

Problem-Solving Strategies + EOT





P6 Assessment: School-Based Assessment and PSLE Exam Format

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P6 Maths Assessment Plan

Assessment	Term 1	Term 2	Term 3	Term 4
Formative Assessment (Non-weighted)	Topical Review - Fractions - Percentage - Ratio	Topical Review - Circles - Angles in Geometrical Figures - Volume	Topical Review - Speed - Solid Figures (Nets)	



YUHUA PRIMARY SCHOOL
Primary 6 Mathematics
Self Assessment



Summative Assessment
(Weighted)
Total : 100%

Name : _____ () Date : _____
 Class : _____
 Parent's Signature: _____

TOPIC: FRACTIONS

I can meet the following lesson objectives:	
1. dividing a proper fraction by a whole number	
2. dividing a whole number by a proper fraction	
3. dividing a proper fraction by a proper fraction	
4. Solve word problems involving the 4 operations	

Answer the following questions using the lesson objectives stated in the table and the learning resources stated.

- I am strong in _____

- I need to work on _____

- I will revise through:
 - SLS Lesson(s) - _____
 - Asking my teacher / friends to explain the concept to me.
 - Coursebook Pages ____ to ____

	70%
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Learning Resources:


- Coursebook Pages 22 to 35
- SLS Lessons – Dividing Fractions / Solving Word Problems involving Fractions

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Standard Mathematics

Paper	Booklet	Item Type	No. of qns	Total marks	Duration
1	A	Multiple-choice	15	20	1 h
	B	Short-answer	15	25	
2		Short-answer	5	10	1 h 30 min



Time Management

Foundation Mathematics

Paper	Booklet	Item Type	No. of qns	Total marks	Duration
1	A	Multiple-choice	20	30	1 h
	B	Short-answer	10	20	
2		Short-answer	10	20	1 h
		Structured	6	20	
Total			46	90	2 h



Home Support for Your Child

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Relate Mathematics to Daily Life

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

Support for Singaporeans

Apr 2024 – Mar 2025



For Individuals




- Cash**
 - \$200 to \$2,150 for all Singaporeans aged 21 and above
- CPF MediSave Account**
 - \$100 to \$1,650 for all Singaporeans
- NS LifeSG Credits**
 - \$200 for all past and present national servicemen
- Personal Income Tax Rebate**
 - 50% of tax payable for the Year of Assessment 2024, capped at \$200
- CPF Retirement or Special Account**
 - \$400 to \$2,500 for Singaporeans born in 1973 or earlier

For Households

- CDC Voucher**
 - \$600 in total for all Singaporean households
- U-Save**
 - \$550 to \$950 for HDB households
- S&CC Rebate**
 - 2 to 4 months offset for HDB households

Note: Benefits are subject to the individual's or household's eligibility.

Find out more at www.singaporebudget.gov.sg



Updated on 16/02/2024

Budget 2022: Singapore to raise GST from 7% to 9% in two stages in 2023 and 2024



Finance Minister Lawrence Wong arriving at Parliament House for Budget Day 2022, on Feb 18, 2022. ST PHOTO: GAIM FOO



Goh Yan Han
Political Correspondent

UPDATED: FEB 21, 2022, 7:18 PM SGT



SINGAPORE - The goods and services tax (GST) rate will increase from 7 to 9 per cent in two stages - one percentage point each time on Jan 1, 2023 and Jan 1, 2024.

The \$6 billion Assurance Package earlier announced in 2020 to cushion the impact of the GST hike will also receive a boost of \$640 million, totalling \$6.6 billion, said Finance Minister Lawrence Wong on Friday (Feb 18) in his maiden Budget speech.

The delayed GST hike will bring in about 0.7 per cent of gross domestic product in revenue annually - about \$3.5 billion - when the full hike is in place in 2024. It will go towards supporting healthcare expenditure and to take care of senior citizens while other areas of social spending rise as well.

Relate Mathematics to Daily Life

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

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SAVE \$2.95 37%
\$4.95 per punnet
PASAR Australia Red Plum 600g
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 50¢ 5%
\$9.45 per bag
FRANCE Organic Juliet 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 \$6.50

SAVE \$5.75 49%
3 for \$17.25
SWEET PLUMS

SAVE \$1.35 14%
2 for \$2.70

SAVE 45¢ 15%
\$2.50 per 100g

fresh must buy

2 for \$4.45
SOUTH AFRICA Seedless Grapes Red/Green 500g
U.P. 2 for \$7.90
SAVE \$3.45 43%

MIX & MATCH

\$3.25 per punnet
CHINA Cream Fuji Apple 4s
U.P. \$6.55
SAVE \$3.30 50%

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

SAVE 80¢ 16%
\$2.19 per 100g

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Promotion Dep: 3 or 4 Dec

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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.

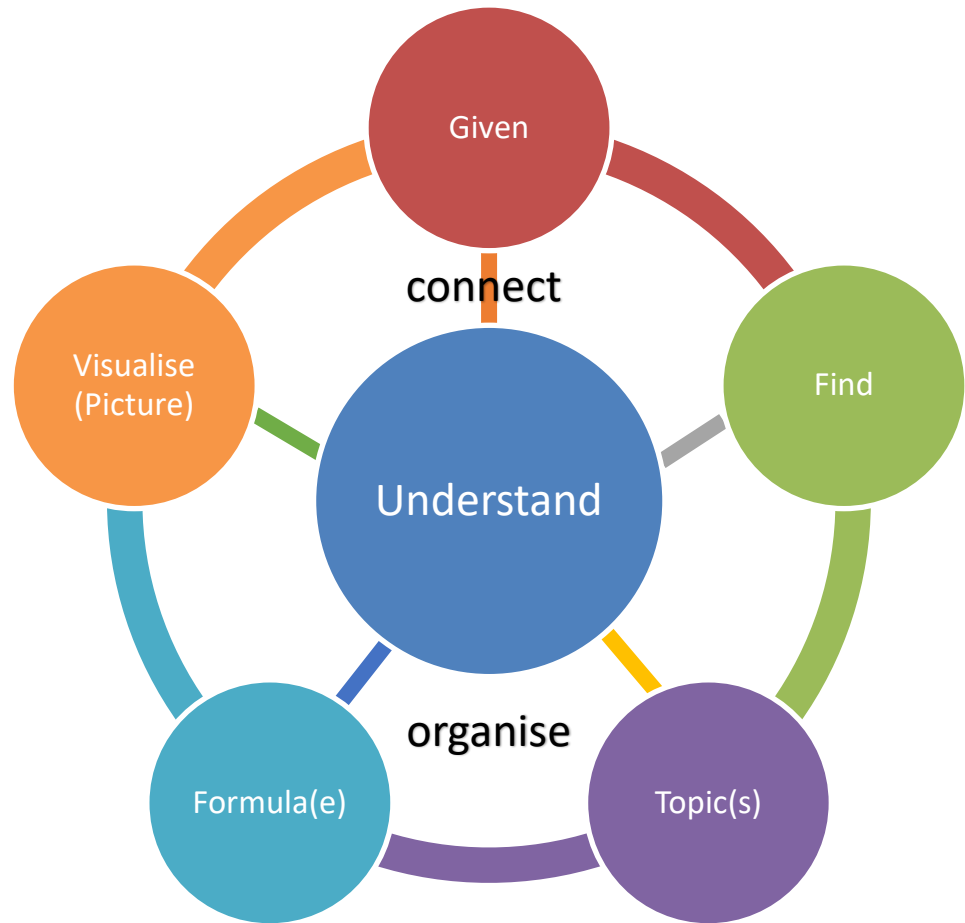
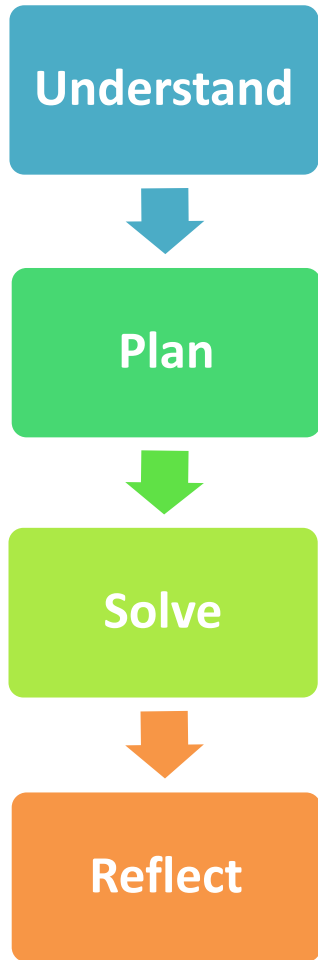


Relate Mathematics to Daily Life

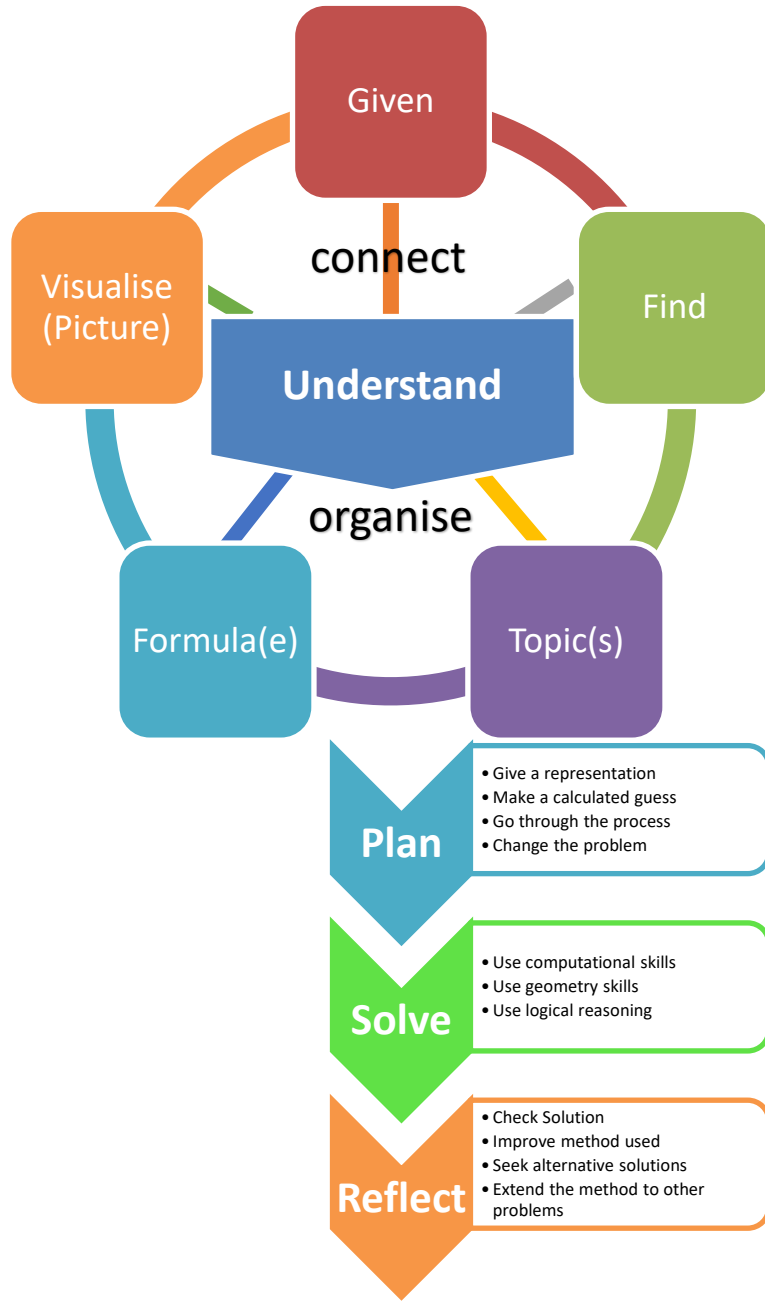
- Provide opportunities for your child to have a sense of how heavy or long items are, or amount of space items occupy.



Scaffold Word Problems



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



SLS

MOE LIBRARY

Solving More Word Problems Involving Percentages



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.



$$\begin{aligned}25\% \times 200 &= 50 \text{ (Brian)} \\ 40\% \times 200 &= 80 \text{ (Chandra)} \\ 200 - 50 - 80 &= 70 \text{ (marbles left)}\end{aligned}$$

Provide Emotional Support

- Provide emotional support for your child.





Thank You

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