

# Primary 6 Mathematics MTPS

**Mrs Karin Gan-Yeo**  
**HOD Mathematics**  
**18 January 2024**

**A PRESENTATION BY**  
**BUKIT TIMAH PRIMARY SCHOOL**



# Mathematics Teaching and Learning @ P6

## Programmes for Mathematics Learning

1. Learning Support (Pull-out) – Supporting mathematics learning.
2. ASC Programme – Supporting mathematics learning.
3. Math Olympiad Programme – Developing higher-order thinking skills.
4. E2K Programme – Developing higher-order thinking skills.
5. Financial Literacy Programme – Start-up and Entrepreneurship



# Mathematics Topics @ P6

## STANDARD MATHEMATICS

Chapters	Topics
2	Fractions
3	Ratio
4	Percentage
5	Angles in Geometrical Figures
6	Circles
9	Pie Charts
8	Volume
1	Algebra
7	Speed
10	Solid Figures and Nets



# Mathematics Topics @ P6

## FOUNDATION MATHEMATICS

Chapters	Topics
1	Fractions
2	Decimals
3	Percentage
5	Average
7	Pie Charts
8	Volume
4	Area and Perimeter
6	Triangles, Rectangles, Squares



# Mathematics Teaching and Learning @ P6

## Resources for Teaching and Learning

- Textbooks and Workbooks
- Topical Reviews
- TOM Journals
- Speed and Accuracy Practices
- Compilation of PSLE questions by topics (2015-2017)
- PSLE Practice Papers by year (2018-2020)
- PSLE booklets (2021-2023) and other Practice Papers
- Koobits and other online resources for Blended Learning



# PSLE Preparation

## Completion of syllabus

- by end of July so that there is sufficient time for revision.

## Additional Resources

- systematic approach to tackle problem sums
- challenging and wider range of questions
- prepare students for PSLE

## Timed Practice Papers (T3)

- Familiarise students with the exam format as well as exam seating.
- Advise students on better time management.

## Maths Support Programme

- Additional classes during Sept holidays.
- Targeted revision to strengthen weaker concepts.



# Standard Mathematics Assessment @ P6

	Term 1	Term 2	Term 3
Base Mark	45	35	100
Weightage			100%
Schedule*	23 Feb 2024	2 May 2024 to 16 May 2024	19 August 2024
Topics*	P1 to 5 syllabus P6: Chapter 2 to 4	P1 to 5 syllabus Chapter 2 to 6 and 9	P1 to 6 syllabus
Format	Paper 1: MCQ SAQ	Modified Paper 2: SAQ LAQ	MCQ SAQ LAQ
Duration	1 h	50 min	2 h 30 min



# Preliminary / PSLE Math STD Exam Format

Paper	Booklet	Item Type	Number of Questions	Number of marks per question	Number of marks	Duration
1	A	Multiple-choice	10	1	10	1 h
			5	2	10	
	B	Short-answer	5	1	5	
			10	2	20	
2		Short-answer	5	2	10	1 h 30 min
		Structured / Long-answer	12	3, 4, 5	45	
			47	-	100	2h 30 min





# Foundation Mathematics Assessment @ P6

	Term 1	Term 2	Term 3
Base Mark	50	40	90
Weightage			100%
Schedule*	23 Feb 2024	2 May 2024 to 16 May 2024	19 August 2024
Topics*	P1 to 5 syllabus P6: Chapter 1 to 2	P1 to 5 syllabus Chapter 1 to 3, 5 & 7	P1 to 6 syllabus
Format	Paper 1: MCQ SAQ	Paper 2: SAQ LAQ	MCQ SAQ LAQ
Duration	1 h	1 h	2 h



# Preliminary / PSLE Math FDN Exam Format

Paper	Booklet	Item Type	Number of Questions	Number of marks per question	Number of marks	Duration
1	A	Multiple-choice	10	1	10	1 h
			10	2	20	
2	B	Short-answer	10	2	20	1 h
		Structured / Long-answer	6	3, 4	20	
			46	-	90	



# Mathematics CATalytics Assessment @ P6

- computerized adaptive test customized for each student.
- Objective: Assess students' proficiency in Standard Mathematics based on the learning outcomes described in the syllabus.
- Topics involved: Measurement and Fractions (Over 2 days)
- Duration: Approximately 1 h 15 min
- Format: 30 MCQ questions



# Partnership with Parents

## How can you help your child?

- Ensure your children revise the work that we have done in class everyday.
- Monitor their homework, eventually work towards them taking ownership of their own learning.
- Encourage them not to be over-reliance on the use of calculators.
- Encourage them to work within the stipulated time frame (for better time management during examinations, especially for Paper 1).
- Deploy targeted revision on weaker topics. It is more effective than doing multiple sets of practice papers.
- Encourage them to check their work.
- **Be encouraging and supportive!**



# Thank You



# **BUKIT TIMAH PRIMARY SCHOOL**

---

STRIVE FOR THE BEST

