




Primary 2

Bukit Timah Primary School



Mathematics MTPS (Cohort Briefing) 2023



30 January 2023



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Mathematics Teaching & Learning in BTPS

01

**BTPS
Approach**

Develop the Love for
Mathematics

02

Pedagogy

C-P-A
IBL- TR

03

Programmes

04

**Teaching
Resources**

05

Assessment

Assessment Plan
Paper Format

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Develop the Love for Mathematics through engaging learners in the acquisition of the Basics with Fun

- ✓ Mastering the basic concepts is an important part of early maths education.
- ✓ Math lessons at BTPS are infused with more hands-on and manipulative-based activities to keep maths fun and practical.
- ✓ Through the use of manipulatives, students learn the skill of observing, extending patterns and forming relationships between existing and new found information.

Mathematics Teaching & Learning in BTPS



C-P-A

Introduce topics through **hands-on activities** that leverage on **conceptual development**.

Infuse **interactive activities** for students to experience the **joy of learning** Mathematics.

Encounter mathematics in an **authentic** way to **make meaning to learning**.



IBL-TR



Use of **mathematics journaling** in Thinking of Mathematics (TOM) to encourage **creative and critical thinking** as well as **reasoning and communication skills**.

Thinking routines include "**What makes you say that?**" and "**I see, I think, I wonder.**" will be used in Primary 2.

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Programmes for Mathematics Learning

1. Primary 2 LSM – Supporting mathematics learning (selected students)
2. Primary 2 Mathematics Learning Day – Joy of Learning & Connecting Maths learning to the real world



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Resources for Teaching and Learning

1. Textbooks and Workbooks
2. Heuristics Booklet: Look for a pattern, Model drawing, Draw a Diagram & Make a List
3. TOM Journal
4. Mental sums
5. Koobits



What is new in Primary 2 syllabus?

Topics build up from Primary 1

Whole Numbers

$+$, $-$, \times , \div

Length and Mass

Money

Picture graphs

Time



New topics in Primary 2

Model Drawing

Fractions

3-dimensional Figures

Volume



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Formative Assessment @ P2

No Weighted Assessment (similar to Primary 1)

Instead, there will be various mode of **formative assessment** implemented to monitor your child's progress and to ensure that learning is taking place.



- Worksheets (topical, mental sums and heuristics)
- Performance tasks
- Bite-size reviews
- Journals
- Class-based activities and ICT enriched activities

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P4 Math Self-Assessment Checklist
Chapter 1 – Numbers to 100 000

Name: _____ Class: 4 () Parent's Signature: _____

Choose the level that best describes your level of understanding of the Math concepts.

Qualitative Descriptors	
Beginning	I am beginning to understand this Math concept but I still need help.
Developing	I have some understanding of this Math concept and need to make some improvement.
Competent	I have understood this Math concept very well and can explain it to my friend.

Learning Outcomes		Beginning	Developing	Competent
Numbers to 100 000				
1.	Read and write numbers in words and numerals			
2.	Compare and order numbers			
3.	Complete a number pattern			
4.	Round off numbers to the nearest ten.			
5.	Round off numbers to the nearest hundred.			
6.	Round off numbers to the nearest thousand.			
7.	Use estimation to check my answer.			

Feedback to parents

Topical worksheets will be sent home for parent's acknowledgement after the completion of each topic.

Files will be sent home for revision termly.

Self-assessment checklist will be stapled with the topical worksheets and sent home for parent's acknowledgement after the completion of each topic.

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Partnership with Parents



How can you help your child?

1. Revise the work that we have done in class with your child.
2. Monitor their homework, eventually work towards them taking ownership of their own learning.
3. Help them to familiarize themselves with the multiplication tables. You can relate to real life examples to help them. For example, a packet of Yakult has 5 bottles. 3 packets of Yakult will have 15 bottles.
4. Encourage them to draw models to solve word problems.
5. Encourage them to cultivate a habit of checking their work after completion.

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Thank
you!

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