Primary 4 Mathematics Briefing

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A PRESENTATION BY
BUKIT TIMAH PRIMARY SCHOOL

Enjoy Mathematics through **Exploring, Reasoning and Communicating** Mathematics logically

- More opportunities to explore real-life and novel maths problems

- Deepening the students' conceptual knowledge and applying them in daily lives

- Presenting students with both standard curriculum topics and challenging real-world math problems to encourage higher-order thinking skills
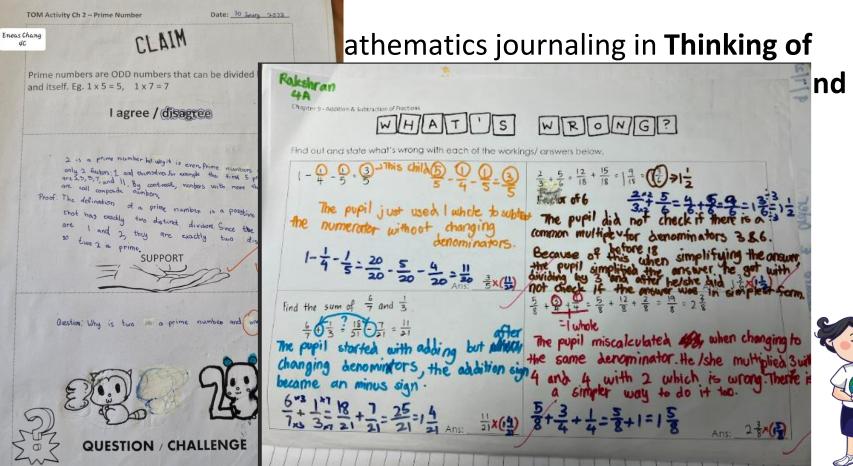
Enjoy Math through Exploration

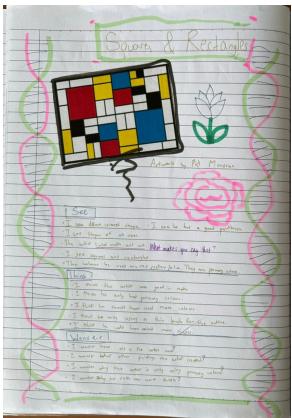More opportunities to explore real-life and novel math problems

Key Learning Experiences: IBL-TR
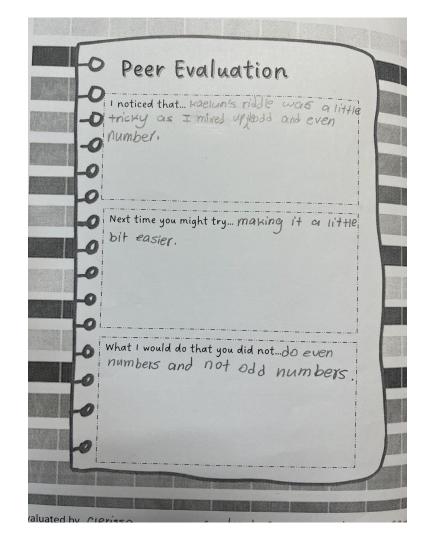
athematics journaling in **Thinking of**

nd

TOM Journal:
Authentic Learning Experiences

Peer Evaluation

I noticed that... kaelun's riddle was a little tricky as I mixed up odd and even number.

Next time you might try... making it a little bit easier.

What I would do that you did not... do even numbers and not odd numbers.

Evaluated by: Clerisse

TOM Journal: Reflection

- Understand what "good" work looks like.
- Self-assess using a set of criteria and act on teachers' feedback.
- Post Activity Reflection

Mathematics Teaching and Learning @ P4

Resources for Mathematics Teaching and Learning

- Textbooks and Practice Books

- ICS Booklets: Problem Solving Strategies

- Heuristics Booklets: Make a List, Working backwards, Make a supposition etc.

- Speed Tests

- Koobits and other online resources

- TOM Journals

Mathematics Teaching and Learning @ P4

Programmes for Mathematics Learning

1. LSM – Support Mathematics learning.

2. ASC – Support Mathematics learning.

3. Math Olympiad Programme – Develop higher-order thinking skills

4. E2K Programme - Develop higher-order thinking skills

5. P4 Calculator Workshop

Mathematics Topics @ P4

Topics build up from P3	New Topics in P4
Whole Numbers	Factors and Multiples
+, -, x , ÷	Tables and Line Graphs
Fractions	Squares and Rectangles
Time	Decimals
Angles	Pie Charts
Area and Perimeter	Nets
	Symmetry

Mathematics Assessment @ P4

	Term 1	Term 2	Term 3	Term 4
Base Mark	30	30	30	**100**
Weightage	10%	15%	15%	60%
Schedule	23 Feb 2024	2 May 2024 to 16 May 2024	7 Aug 2024 to 21 Aug 2024	24 Oct 2024
Format	MCQ, SAQ, LAQ	MCQ, SAQ, LAQ	MCQ, SAQ, LAQ	MCQ, SAQ, LAQ
Duration	50 min	50 min	50 min	**1h 45 min**

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 certain topics.

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 Numbers to 100 000	Beginning	Developing	Competent
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.			

Partnership with Parents

- Revisit the work that we have done in class with your child.
- Monitor their work, eventually work towards them taking ownership of their own learning.
- Encourage them to
  - ❑ Draw models to solve word problems.
  - ❑ Work within the stipulated time frame (for better time management during examinations).
  - ❑ Play games that strengthen their spatial visualisation skills, such as tangrams, pentominos and etc.
  - ❑ Cultivate a habit of checking their work after completion.
- Help them relate Mathematics to real life examples.

Thank You

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