



P1 Mathematics @ EDP



What will students experience?

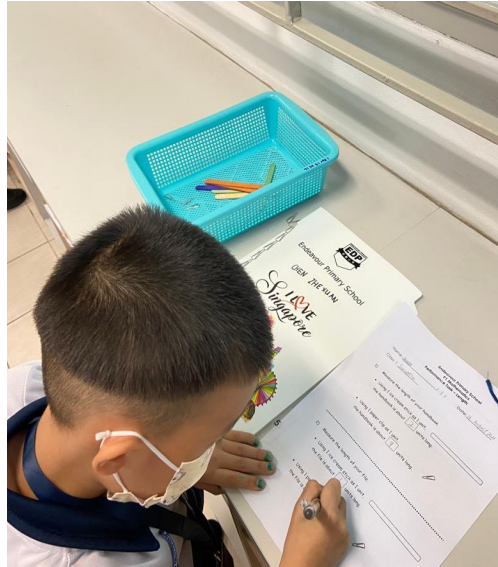
- Hands-on Learning Experiences (EDPlay)
- Maths Reasoning & Communication
- ICT in Math lessons
- Factual Fluency Activities
- Quizzes & Competitions
- P1 Fun with Maths! Project



EDPlay: Activity-based lessons



Learning shapes
through tangrams

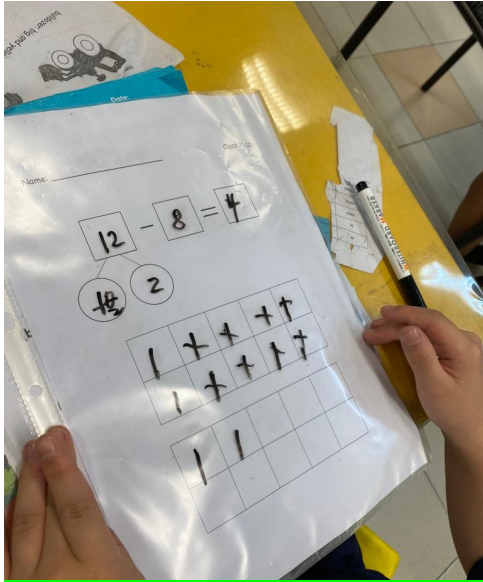


Measuring
length of items



Learning with
play money

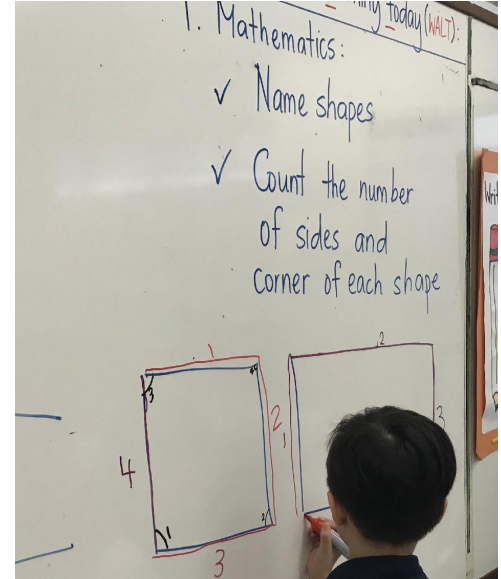
Maths Reasoning & Communication



Connecting pictorial
and abstract
components



Reasoning and
communicating
concepts to peers



Explaining
understanding to
classmates

ICT in Maths lessons



Use of iPad games to reinforce Maths concepts



Use of SLS to explore & revisit Maths concepts

Factual Fluency (FF) Activities



Use of linking
cubes to develop
fluency in addition



Use of coloured
counters to
compare numbers



Use of mini
whiteboards
during FF

Quizzes & Competitions

- Addition Champion
- Tangrams Master



P1 Holistic Assessment

- **Ongoing process throughout the year**
- **Bite-sized formative assessments**
- **No weighting**

Supporting Your Child

Topics in Semester 1:

- Numbers to 100
- Addition & Subtraction
- Shapes
- Ordinal Numbers
- Picture Graphs

**Help your child to master basic
Maths Facts
(Factual Fluency):**

- **Number order (Counting Forward & backward)**
- **Number bonds within 10 & 20**
- **Spelling of numbers within 20**



Supporting Your Child

- **Encourage based on effort put in and celebrate mistakes**
- **Include talk about mathematical situations with your child daily**
- **Teach your child to master the skill of handling money**

Supporting Your Child

- **Model the use of correct Maths language & notation**
e.g. 'more than' does not always mean that the operation to be used is addition
- **Use open-ended questions**
e.g.
 - **'What makes you say that?'**
 - **'What if...?'**

Resources

- **Advice for Parents from renowned Maths Professor Jo Boaler (Stanford University):**



■ <https://for.edu.sg/youcubedmathadvice>



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Resources

- **Maths through Stories:**

<https://www.mathsthroughstories.org/resources.html>

- **Aracademics:**

<https://www.aracademics.com/>

- **Math Playground:**

<https://www.mathplayground.com/>

Thank You

