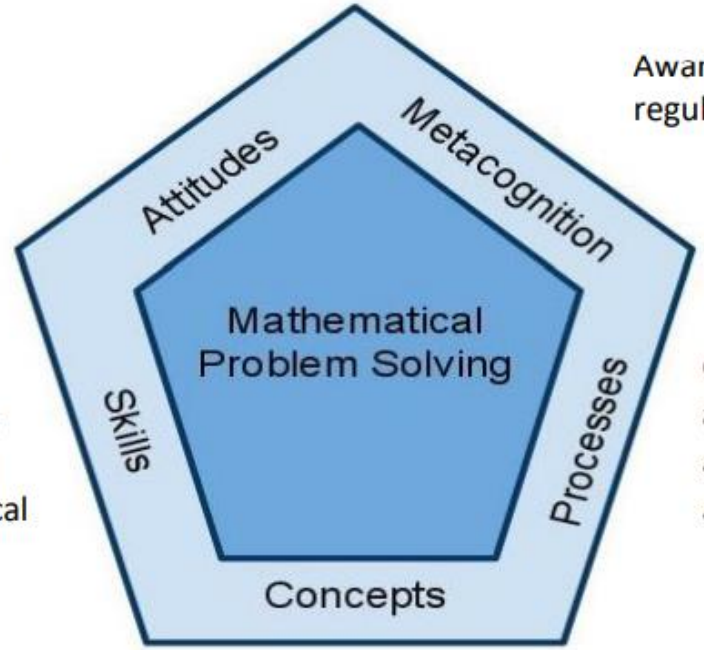
P1 Curriculum Slides

MOE Mathematics Curriculum Framework

Belief, appreciation, confidence, motivation, interest and perseverance

Awareness, monitoring and regulation of thought processes



Proficiency in carrying out operations and algorithms, visualising space, handling data and using mathematical tools

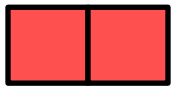
Competencies in abstracting and reasoning, representing and communicating, applying and modelling

Understanding of the properties and relationships, operations and algorithms

2021 Primary Math Syllabus

Approach to Learning

Concrete → Pictorial → Abstract



2

2 + 3 = 5
3 + 2 = 5
5 – 2 = 3
5 – 3 = 2

Use of physical objects **Use of drawings** **Use of numbers**

Approach to Learning

Use of concrete materials to develop conceptual understanding

Approach to Learning

- Numbers 1-10
- Number Patterns (1,3,5…) (2,4,6,…)

- 2 x 5 , 5 x 2
- 2 threes
- Groups of 5/s or 2's

- 2D Shapes

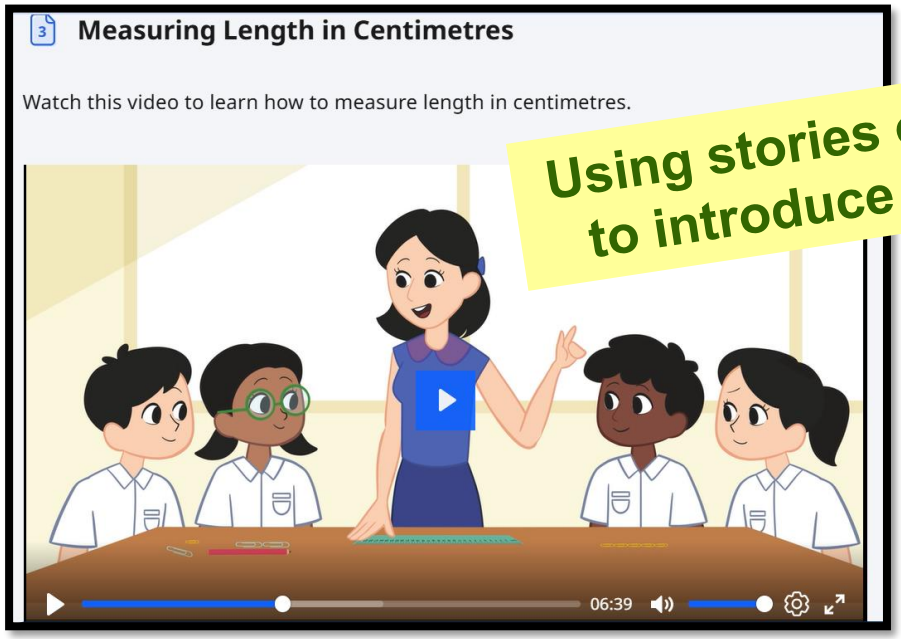
Relating Math to real-life objects

Activity–based Learning

Picture Graphs

Tangram Puzzles
– shapes & visualisation

ICT infused Lessons



Using stories or videos to introduce lessons

Online games & applets to explore, revisit & reinforce Math concepts

E-assignments to review learning

Laying a Strong Foundation

Enable our students to:

- acquire Mathematics concepts & skills for everyday use
- develop thinking, reasoning, communication and problem-solving skills
- build confidence and foster interest in Mathematics

Assessment

- No weighted assessment for Primary 1

- Use of various modes of non-weighted assessments to assess students' learning through:
  - Daily Learning Task (written or hands-on)
  - Topical Review
  - Math Learning Check-in
  - Teacher's Observations and Feedback

Supporting and Empowering Math Learning at Home

- **Show the relevance of Mathematics in real life**
  (e.g. counting money during shopping, cooking, sharing items
  telling time on analogue clock)

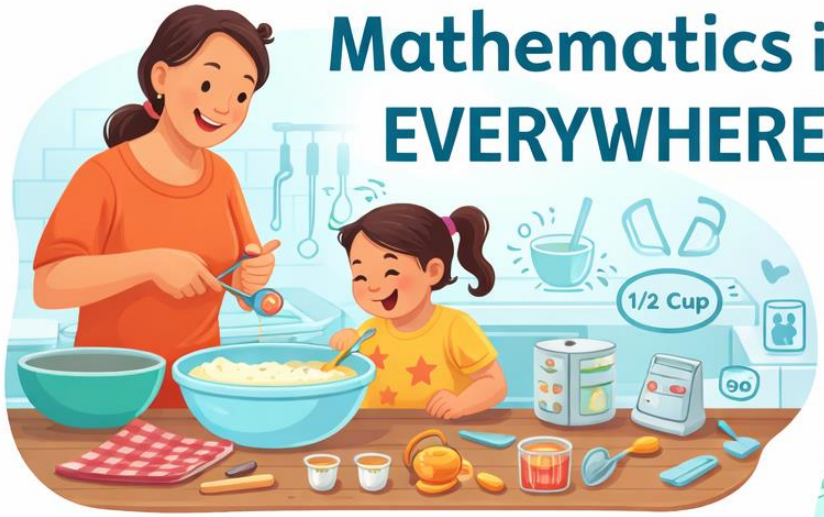
- **Play Math games** to make learning fun and engaging

- **Affirm effort, strategies and perseverance,** not just correct answers

Supporting and Empowering Math Learning at Home

- **Encourage problem-solving and resilience** when your child faces challenges
- **Ask open-ended questions** (e.g. What if…? What makes you say so? Which method/way do you like more? How many other ways can we make 10?)
- **Establish routines** that support focus and independent learning

Mathematics is FUN and EVERYWHERE in our daily life



THANK YOU!

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