

# Mathematics Primary 3

#### SINGAPORE MATHEMATICAL FRAMEWORK

#### Mathematics Curriculum Framework

Belief, appreciation, Awareness, monitoring and Metacognition confidence, motivation, regulation of thought processes Attitudes interest and perseverance Mathematical Processes Problem Solving Proficiency in carrying out Competencies in abstracting SKIIS operations and algorithms, and reasoning, representing visualising space, handling and communicating, data and using mathematical applying and modelling tools Concepts Understanding of the properties and relationships, operations and New: 2021 algorithms



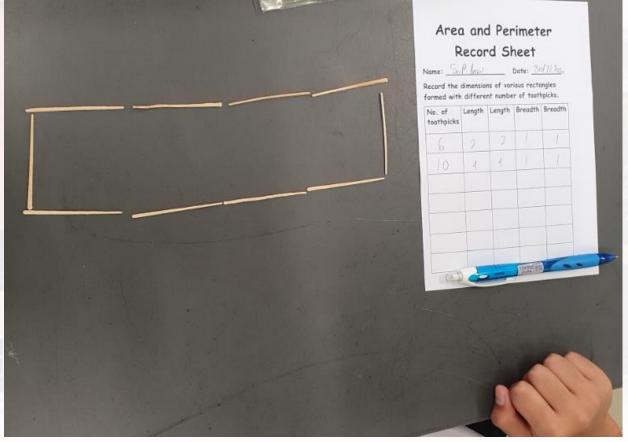
## **Key Department Strategies & Approaches**

- Sustained Support for Maths (SSM)
- Factual Fluency
- Note Taking
- STAR Heuristic Package (STAR Hpack)



## Sustained Support for Maths (SSM) Activity - based lessons







Sustained Support for Maths (SSM)
Activity - based lessons







#### ICT Activity - based lessons

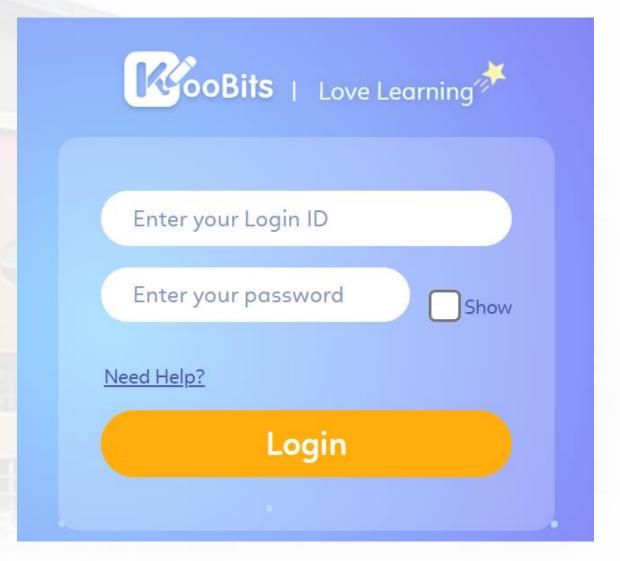






#### ICT Activity - based lessons - Koobits







### **Factual Fluency**







#### **Note Taking**

Teachers will get students to take down important Maths concepts and notes in an exercise book.

Students can refer to the notes during revision. This promotes active and self- directed learning.

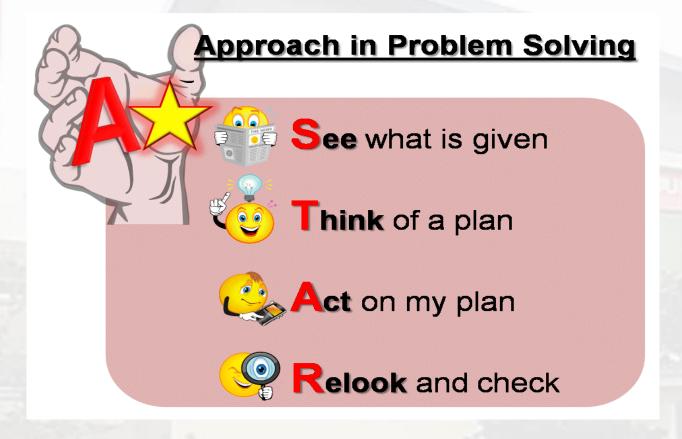
The exercise book used for the notes should be brought to school daily.



## STAR Heuristics Package (STAR Hpack)



#### **STAR**





## **Types of Heuristics**

- Model Drawing
- Draw a diagram
- Guess and Check
- Before & After concept
- Work backwards
- Restate the problem in another way
- Assumption / Supposition

## Maths Alive! Workshop for parents (via Zoom)

19 April 2024 2.30 p.m.



#### **Primary 3 Curriculum Briefing 2024 - Frequent Asked Questions**

#### Q: Grouping of students for Maths

#### A:

Our students are grouped in different Maths classes, taking into account a basket of indicators, including their overall performance in Mathematics (including MOE stipulated Learning Outcomes), gender, behavioral needs and learning dispositions. This grouping enables teachers to tailor support more effectively for our students while promoting social interaction.

Those requiring additional assistance in Mathematics are placed in Learning Support for Mathematics (LSM) classes, where specially trained teachers provide targeted instructions.



Thank !