



Mathematics

Primary 4



Singapore Mathematical Framework

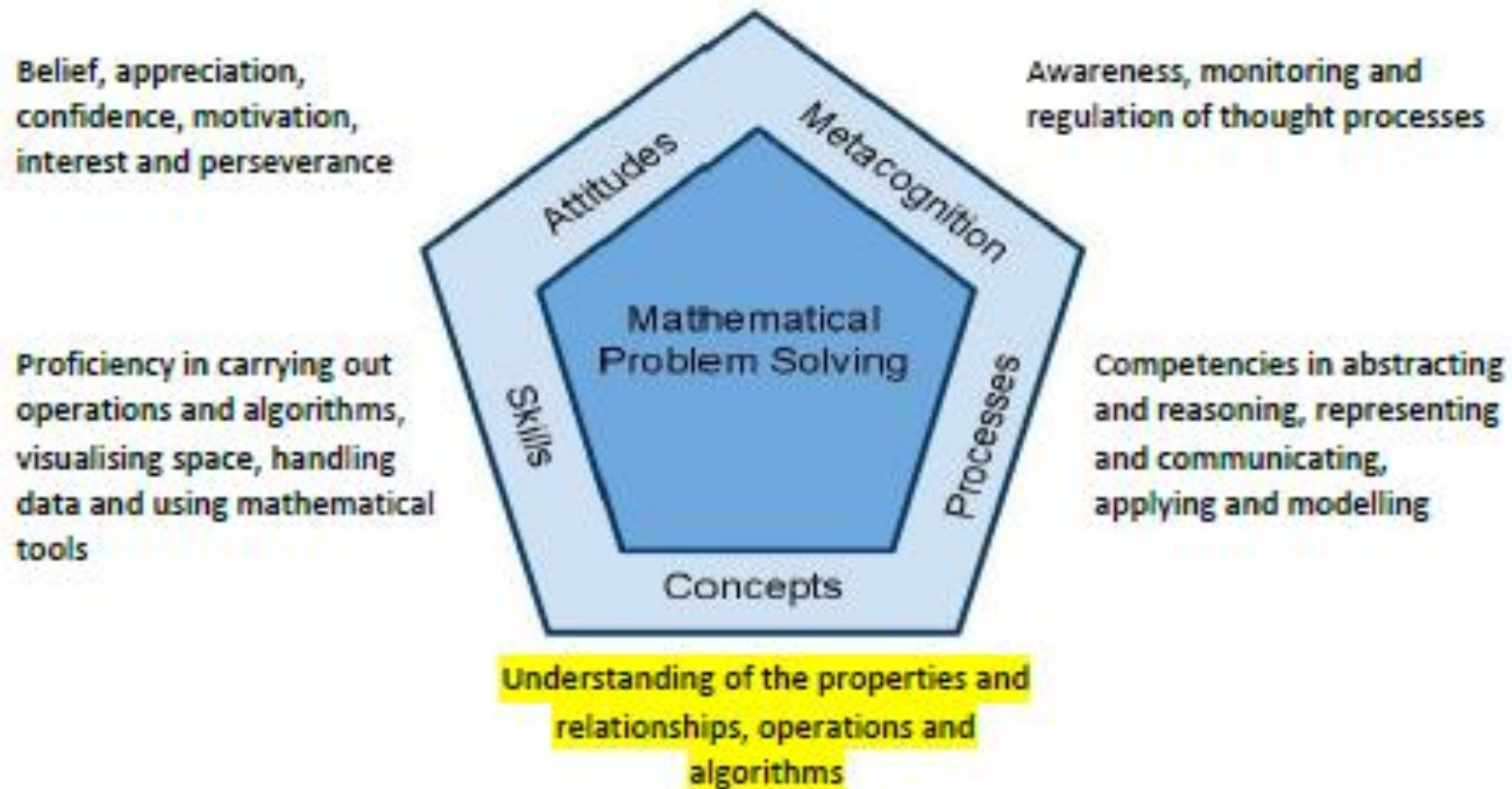
Key Department Approaches & Programmes

Strategies to support our students



SINGAPORE MATHEMATICAL FRAMEWORK

Mathematics Curriculum Framework





Key Department Approaches & Programmes

- Sustained Support for Maths (SSM)
- Factual Fluency
- Note Taking
- STAR Heuristics Package (STAR Hpack)
- Enrichment **(For selected students only)**
 - Mathematics Olympiad Training (Semester 1)
 - Maths Excellence 2000 (E2K) Programme

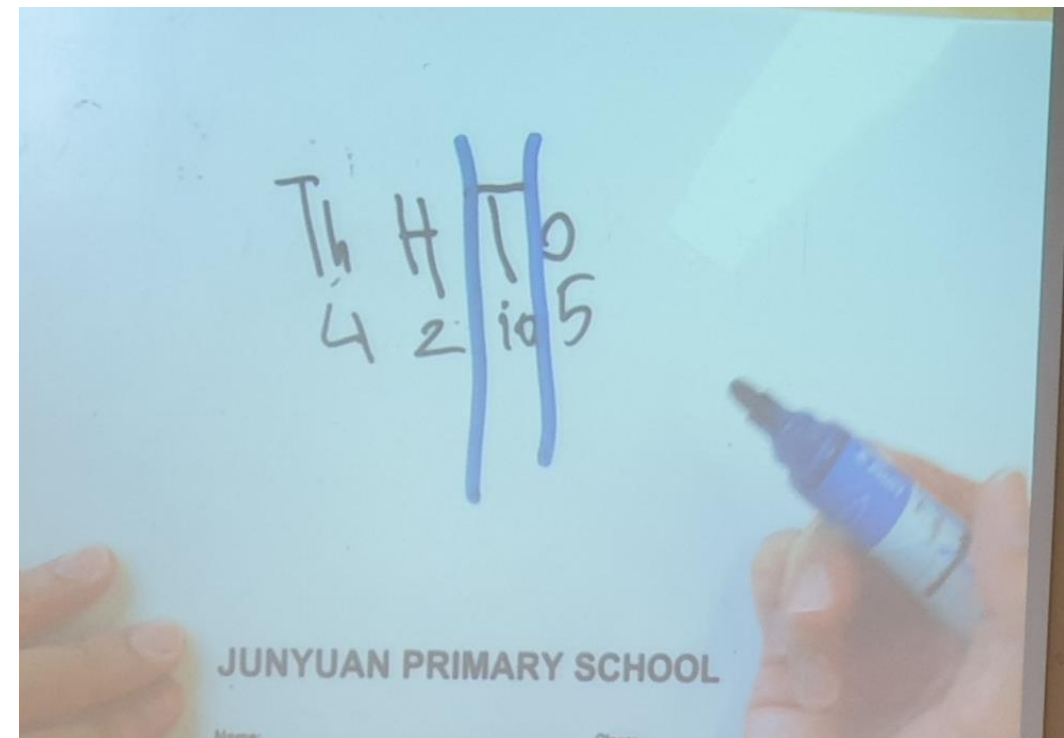
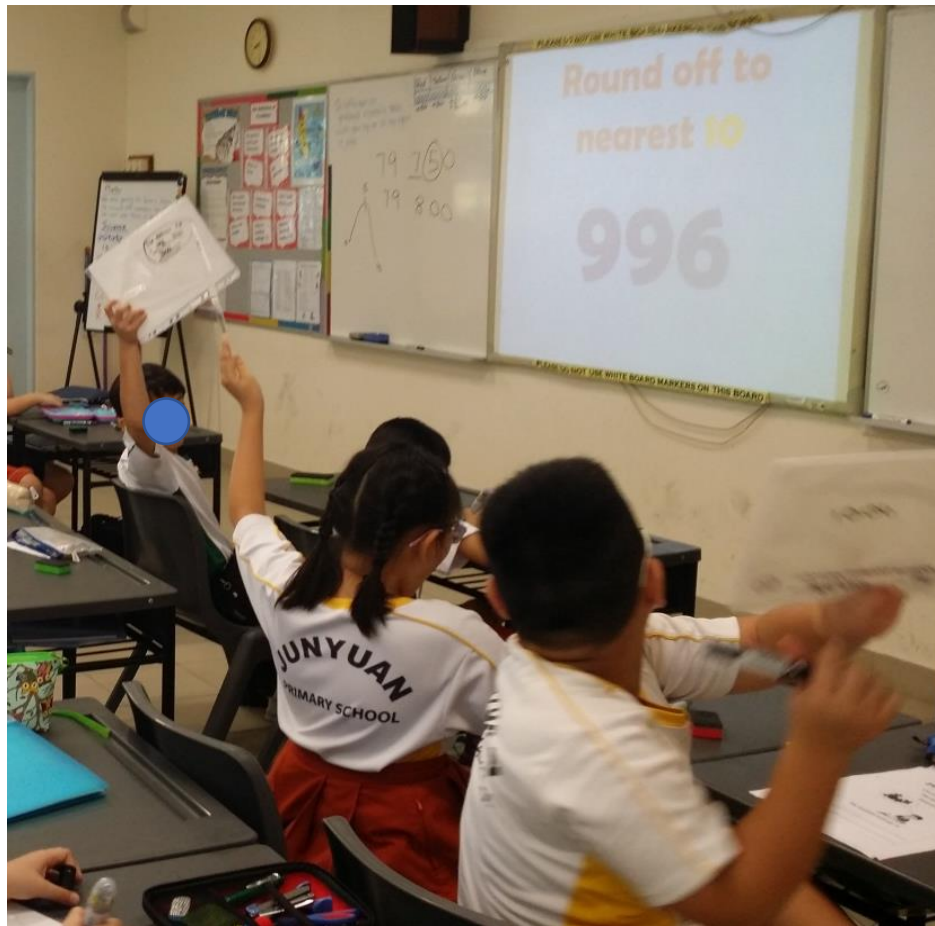


Sustained Support for Maths (SSM) Activity - based lessons





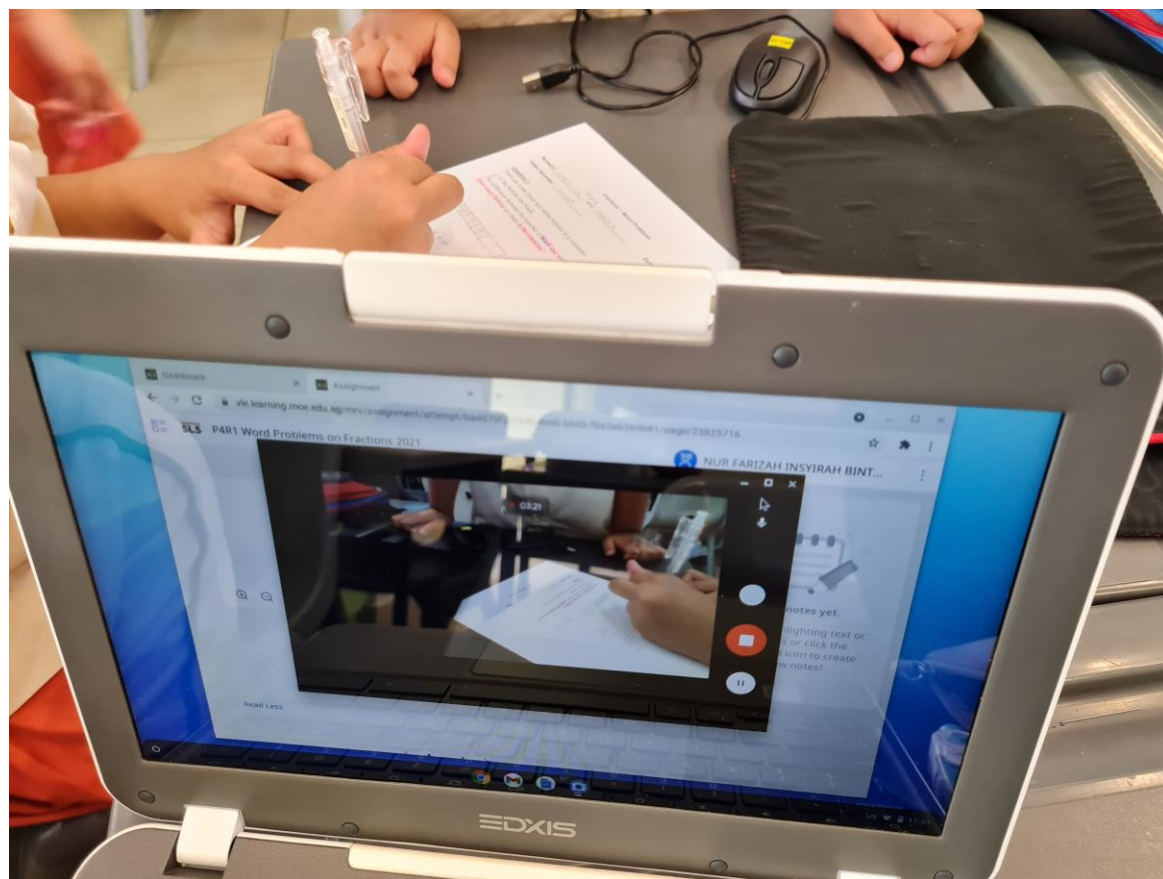
Sustained Support for Maths (SSM) Factual Fluency



Pictures were taken pre-Covid



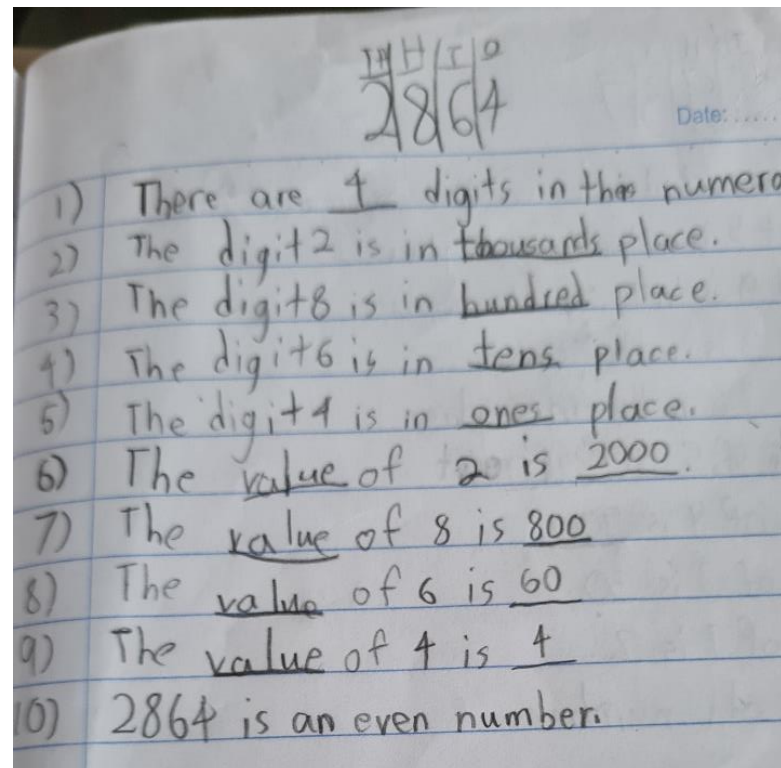
Sustained Support for Maths (SSM) ICT - based lessons





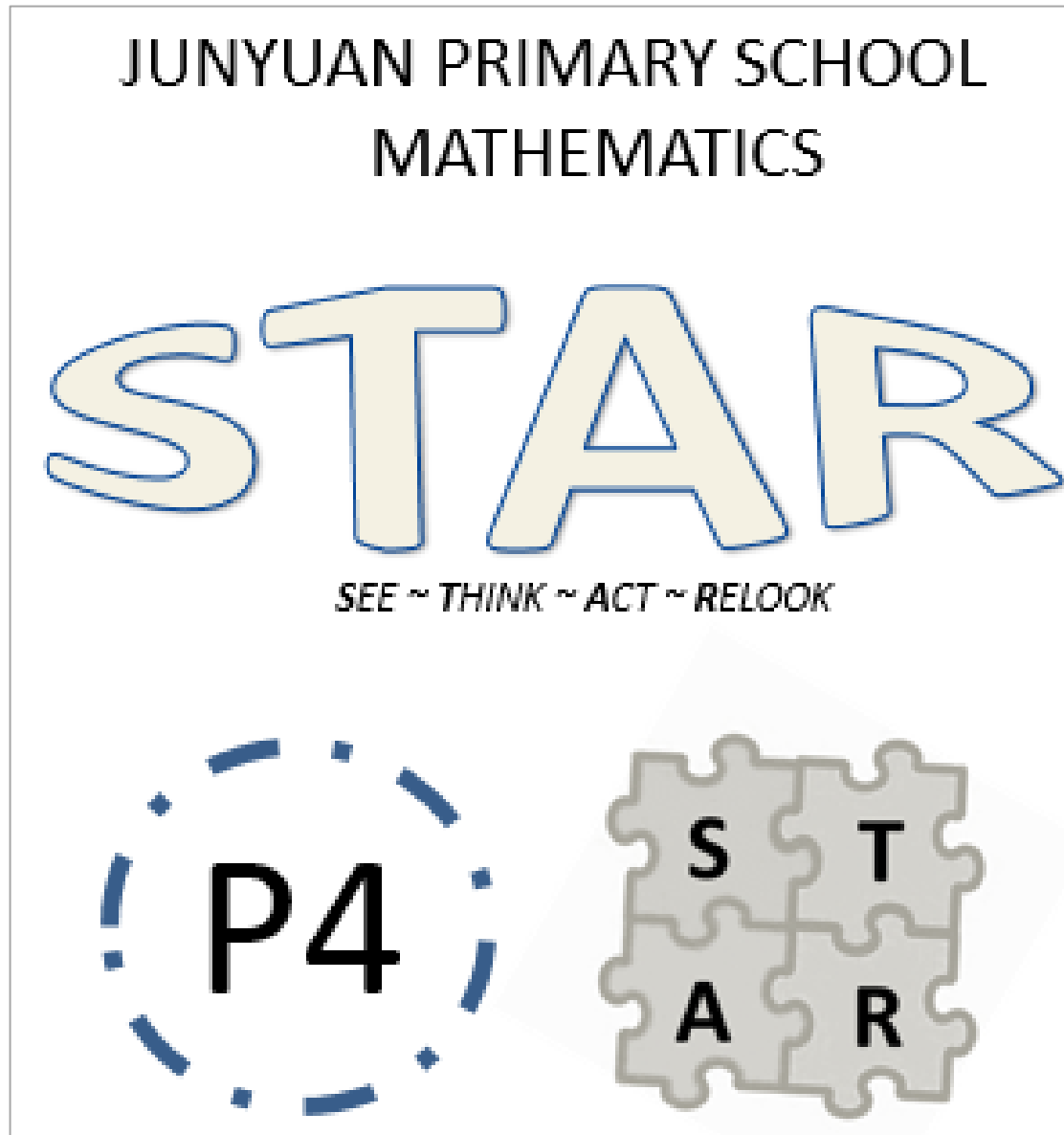
Note Taking

Teachers will get students to take down important Maths concepts and notes.
The exercise book used for the notes should be **brought to school daily**.





STAR Heuristics Package (STAR Hpack)





STAR

Approach in Problem Solving



See what is given



Think of a plan



Act on my plan



Relook and check



Examples of Heuristics

- **Model Drawing**
- **Draw a diagram**
- **Guess and Check**
- **Work backwards**
- **Restate the problem**



Assessment



Format of Assessment

Section	Item Type	Number of Questions	Allocation of Marks per Question	Weighting	Duration
A	MCQ	15	2 marks	30%	1 h 45 min
B	SAQ	21	2 marks	42%	
C	LAQ	4	3 to 4 marks	28%	



Topics at P4

Whole Numbers (100 000)
Factors and Multiples
Four Operations of Whole Numbers
Fractions
Angles
Squares and Rectangles
Decimals
Four Operations of Decimals
Symmetry
Area and Perimeter
Tables and Line Graphs
Time



Supporting our Students

- Relate Maths to daily life.
- Encourage active engagement in school's online platforms e.g. Koobits (more details will be given by Math teachers later on), SLS
- Challenge them to memorise multiplication tables
- Encourage your child to ask questions
- Refer to textbooks / Mathematics Handbook (Orange file) / own notes taken during lessons



Online Maths Alive! Workshop for parents (via Zoom)

14 April 2023
2.30 p.m.



*Thank
You!*