



JUNYUAN PRIMARY SCHOOL

Future-Ready Learners . Leaders of Character

Mathematics

Primary 4



SINGAPORE MATHEMATICAL FRAMEWORK

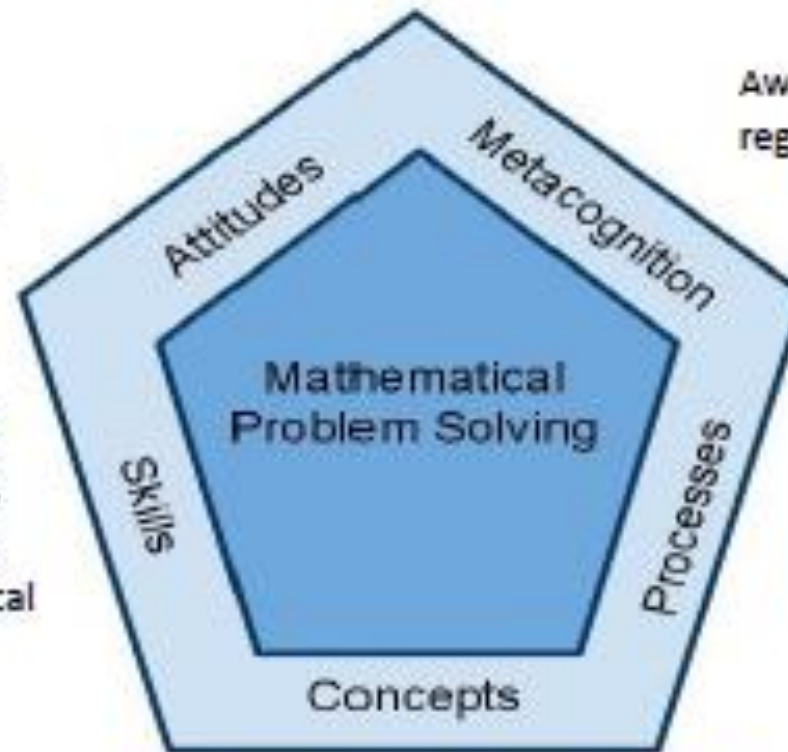
Mathematics Curriculum Framework

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



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**

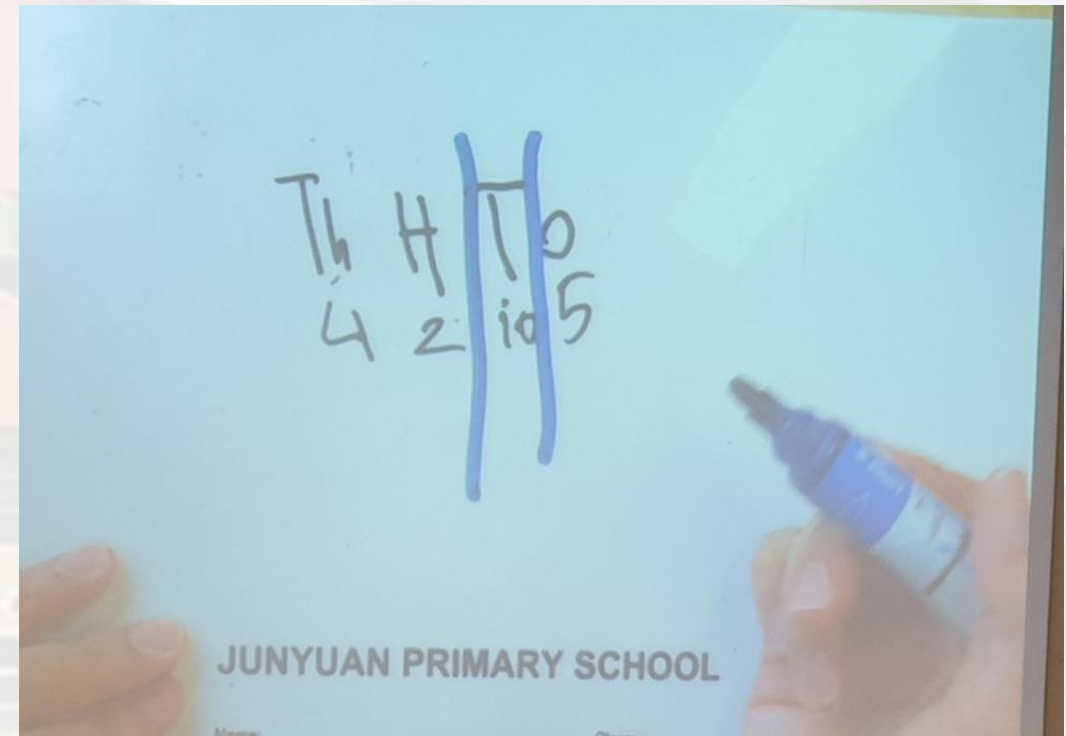
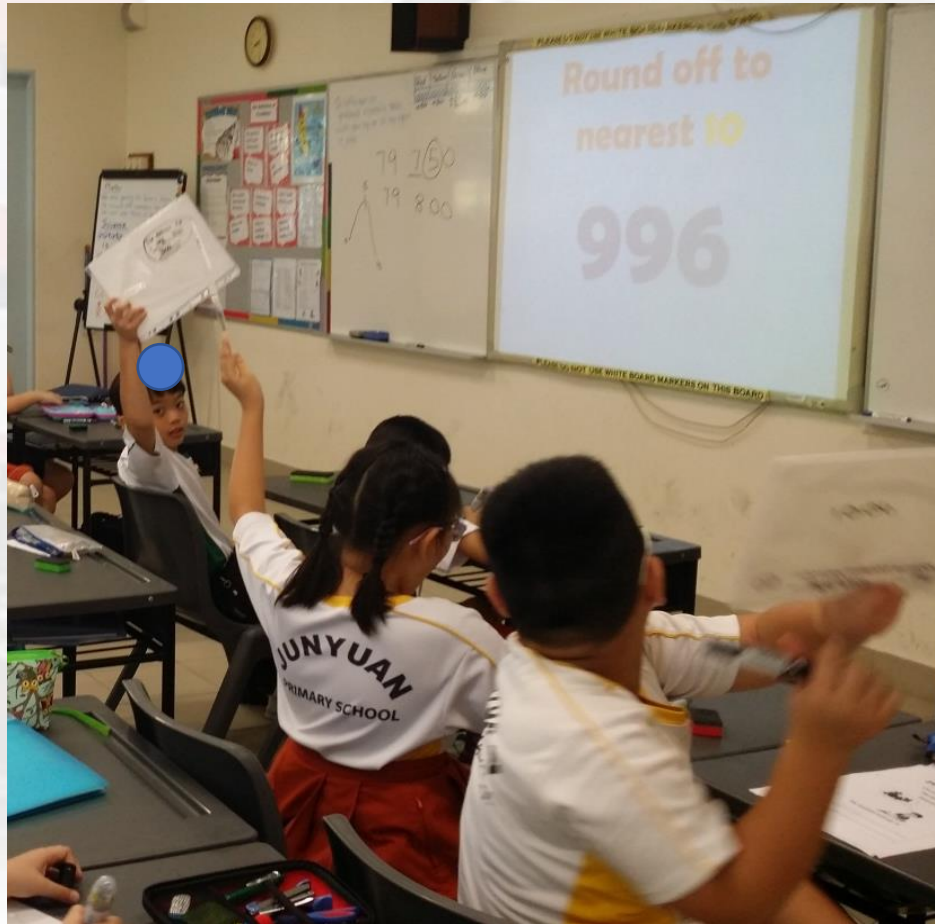


Sustained Support for Maths (SSM) Activity - based lessons





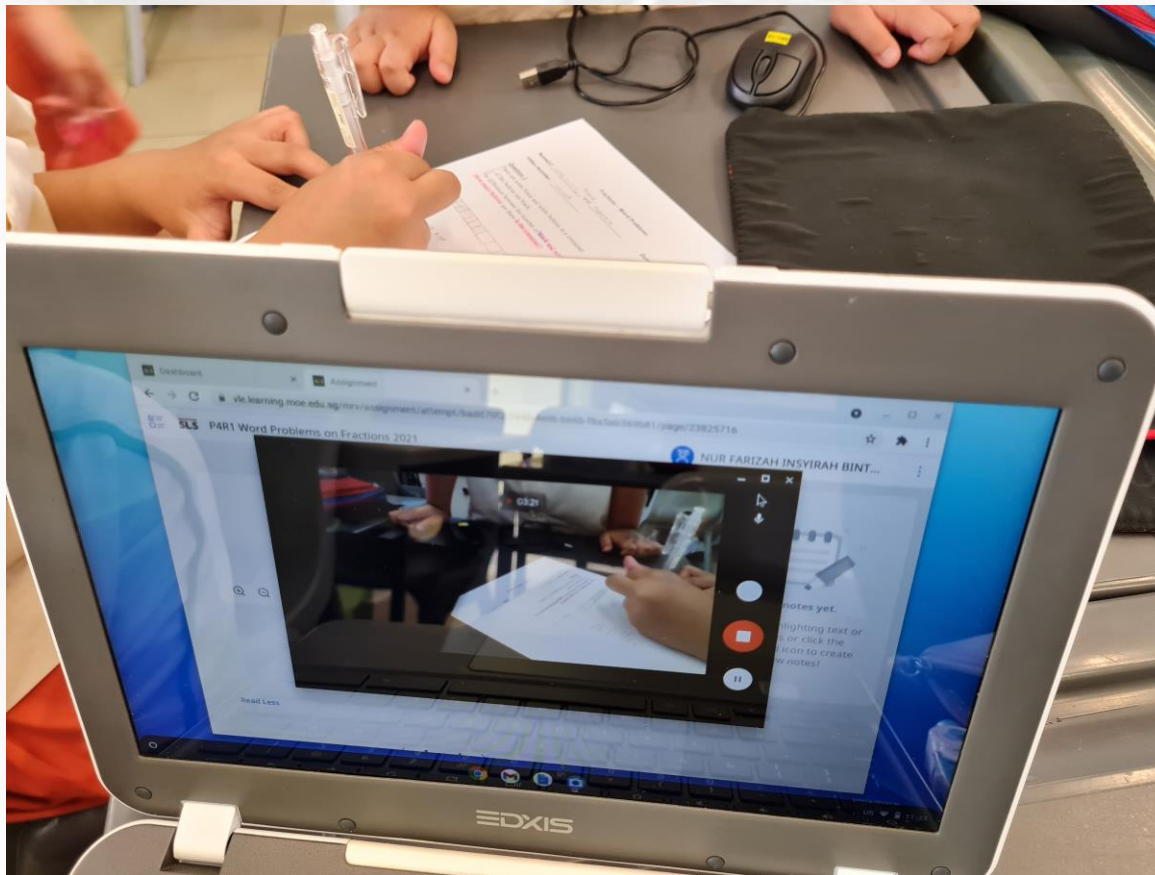
Sustained Support for Maths (SSM) Factual Fluency



Pictures were taken pre-Covid



Sustained Support for Maths (SSM) ICT - based lessons





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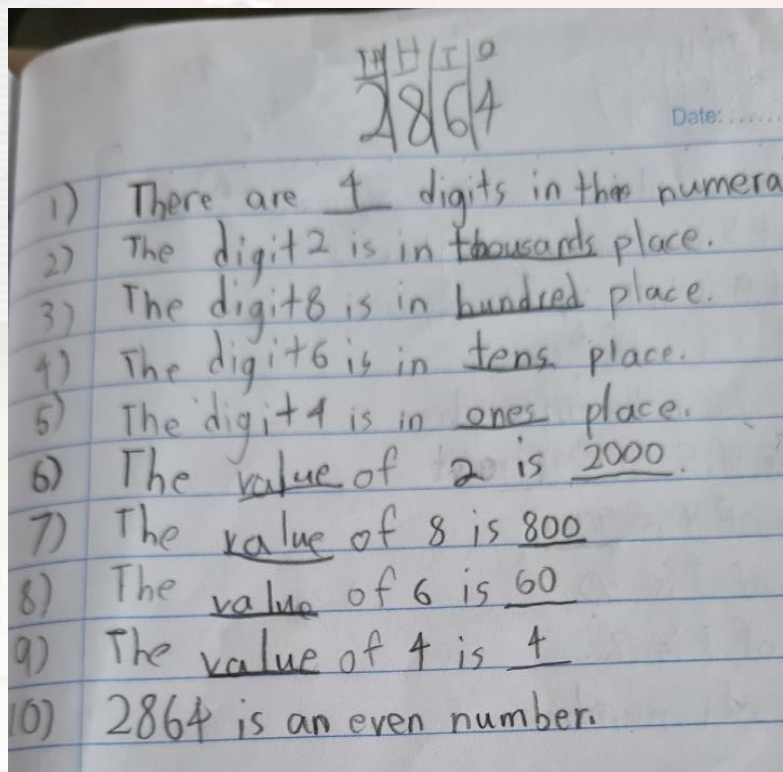
[Need Help?](#)

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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**.



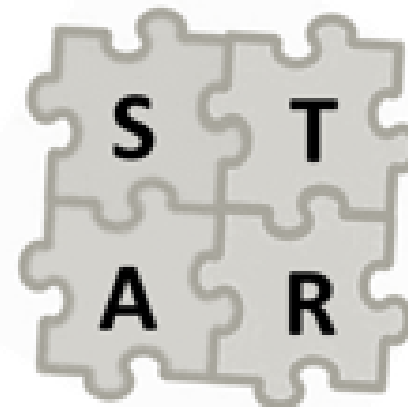


STAR Heuristics Package (STAR Hpack)

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MATHEMATICS

STAR

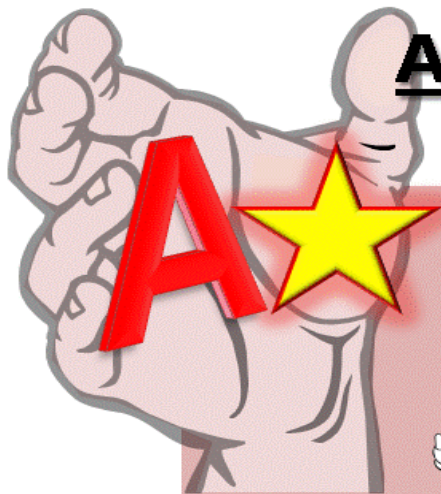
SEE ~ THINK ~ ACT ~ RELOOK





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**
- **Guess and Check**
- **Work backwards**
- **Restate the problem**



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Assessment



Format of Assessment (Weighted Assessments, WA)

Section	Item Type	Number of Questions	Allocation of Marks per Question	Duration
A	MCQ	6	1	50 min
B	SAQ	8	1 – 2	
C	LAQ	3	4	



Format of Assessment (EYE)

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	8	3 to 4 marks	28%	



Topics at P4

Numbers to 100 000

Factors and Multiples

Four Operations of Whole Numbers

Tables and Line Graphs

Fractions I

Fractions II

Angles

Rectangles and Squares

Decimals

Four Operations of Decimals

Pie Charts

Area and Perimeter

Nets

Symmetry

WA1

WA2

Subject to changes



Supporting our Students

- Relate Maths to daily life.
- Actively engage in school's online platforms e.g. Koobits
- Help 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 **MS Teams**)

Save the date!

11 April 2025

Details will be sent via PG nearer
the date



Primary 4 Curriculum Briefing 2025 - Frequently Asked Questions

Q: Is the Mathematics syllabus the same across schools ?

A: Mathematics syllabus is from MOE. It is the same for all schools in Singapore.



Thank
You!