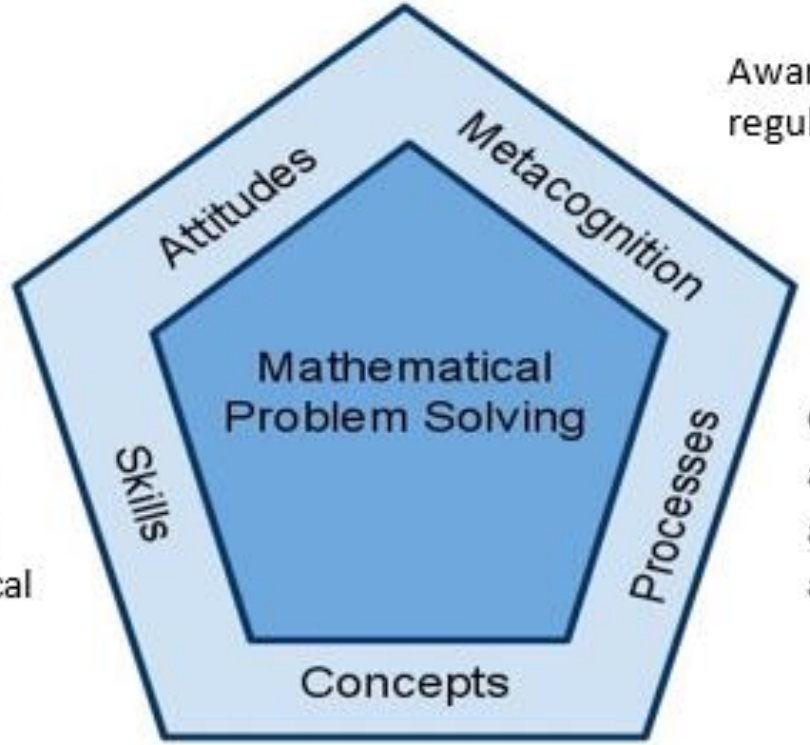
Mathematics
Primary 4

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

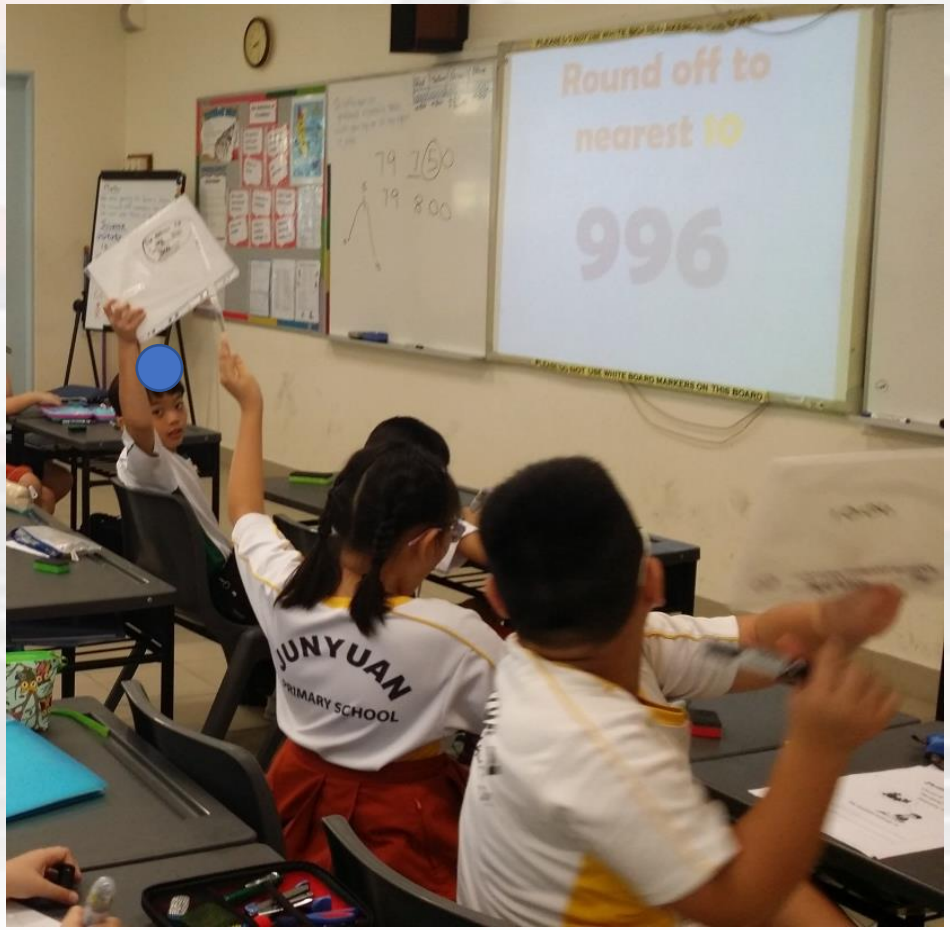
Understanding of the properties and relationships, operations and algorithms

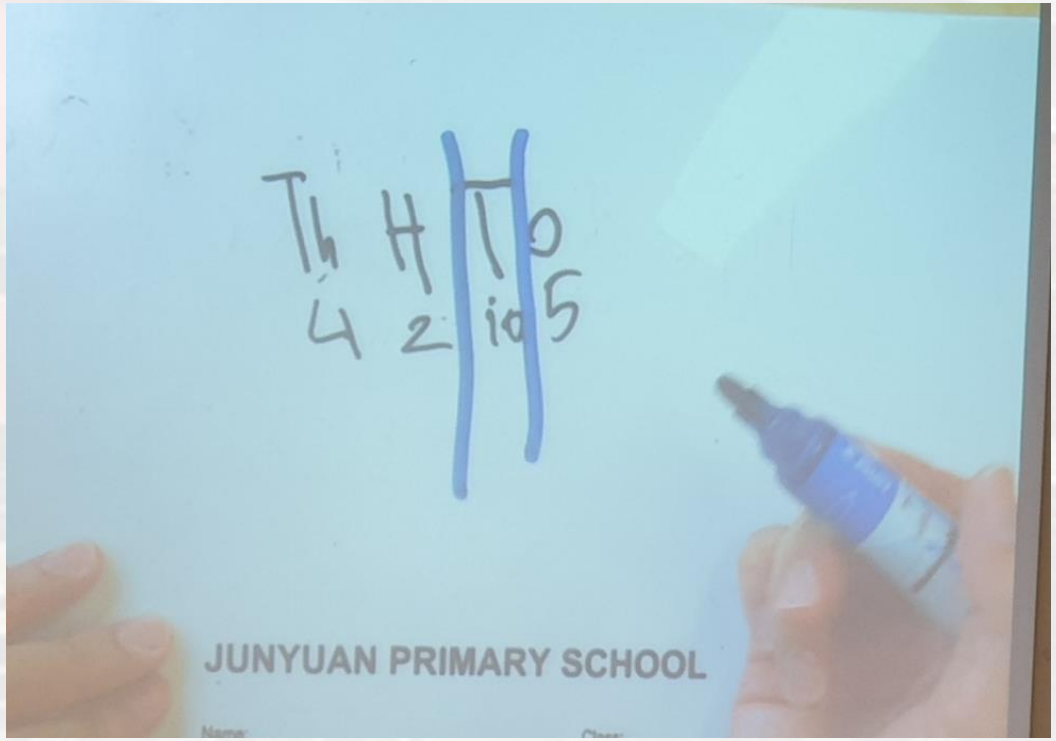
Key Department Approaches & Programmes

- **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

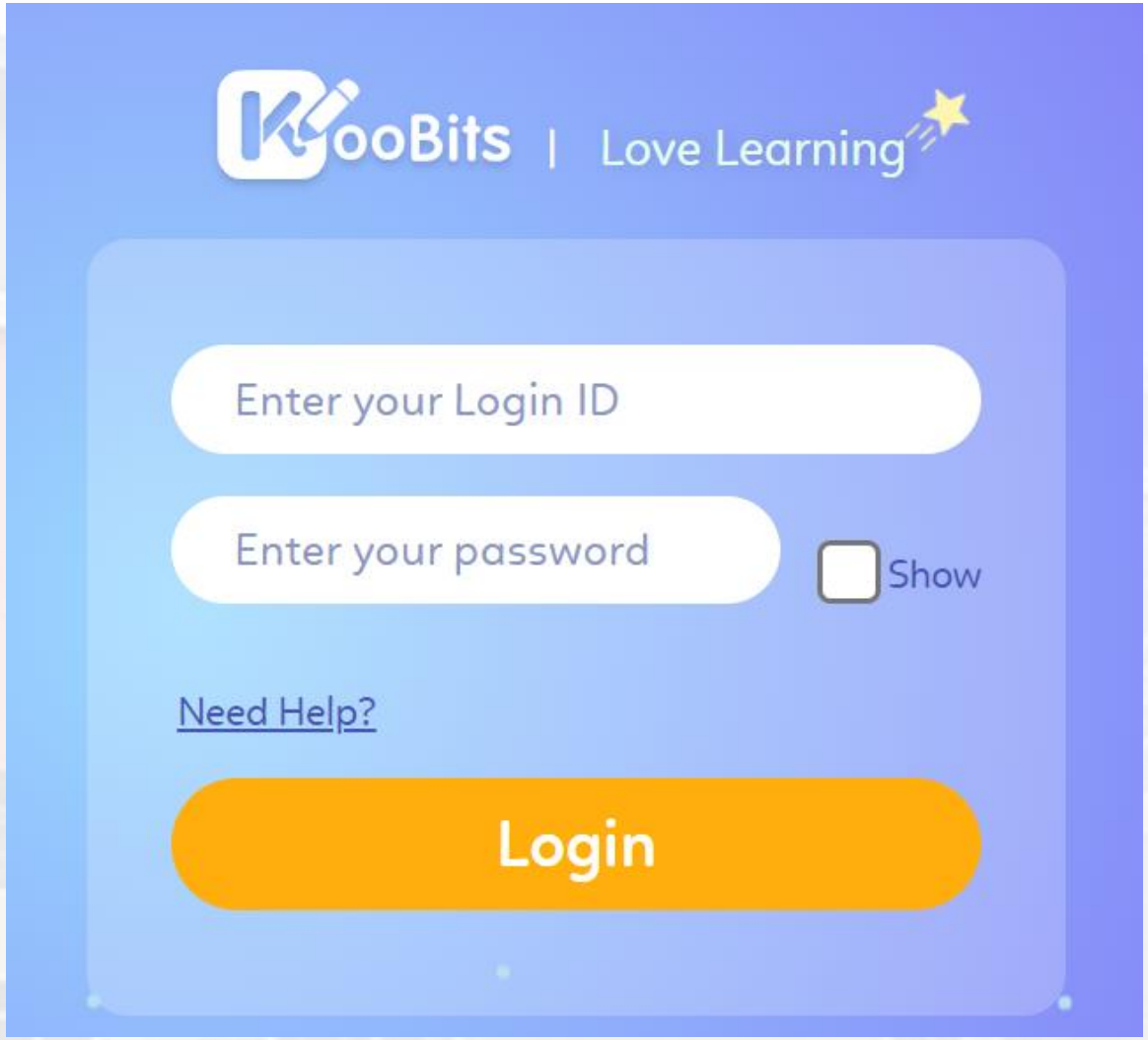




Pictures were taken pre-Covid

Sustained Support for Maths (SSM)
ICT - based lessons

KooBits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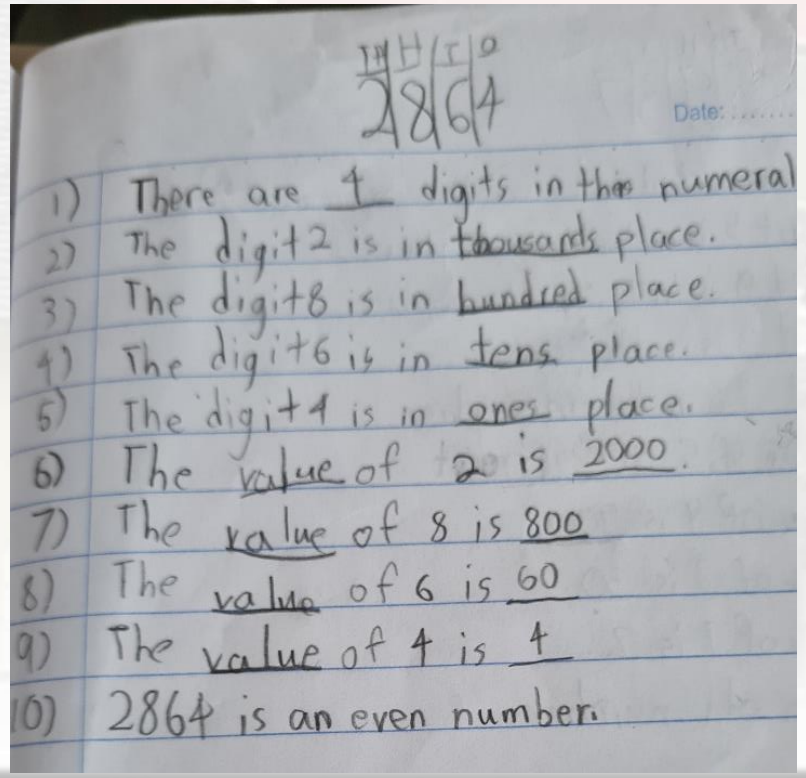
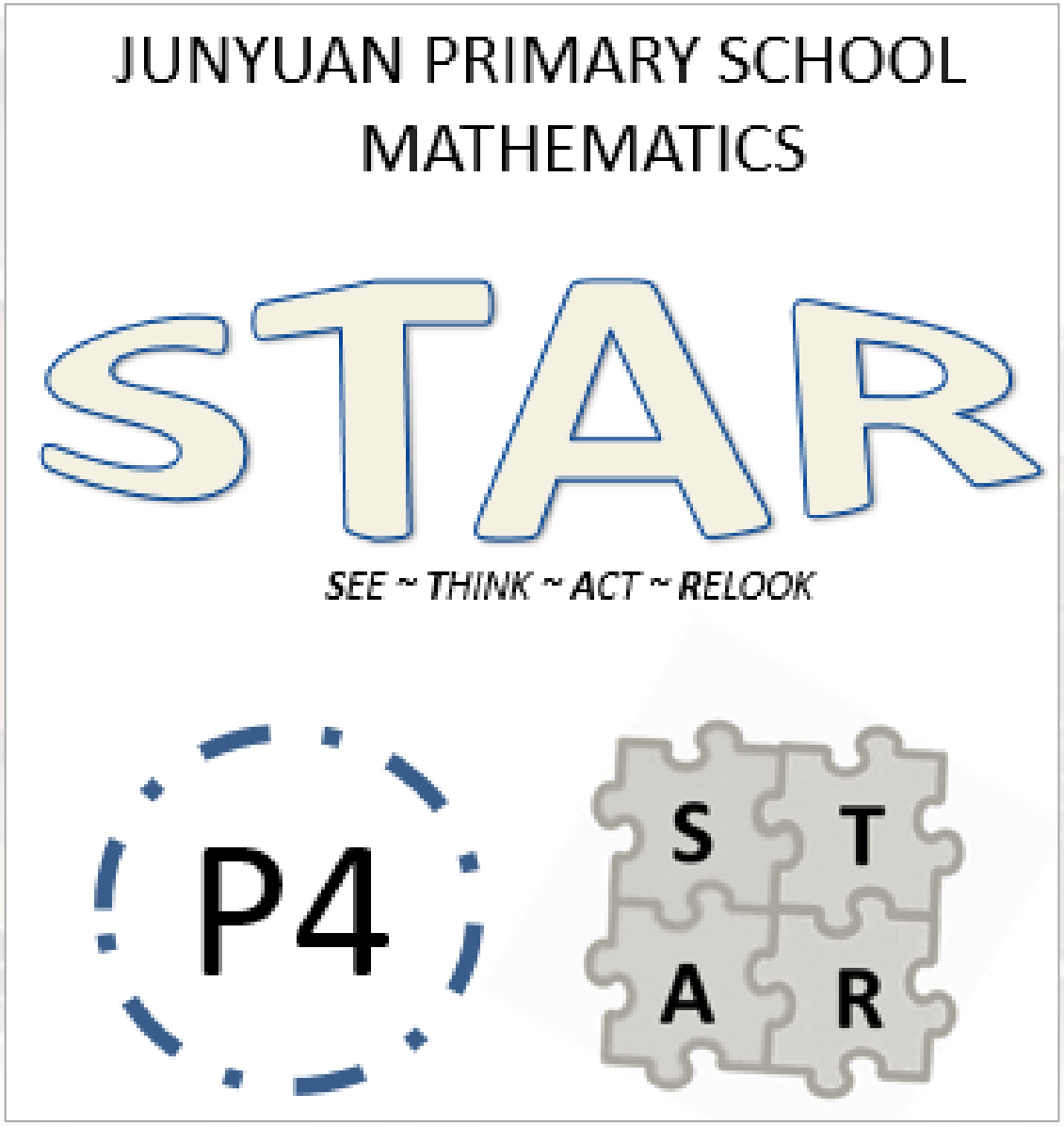
Note Taking

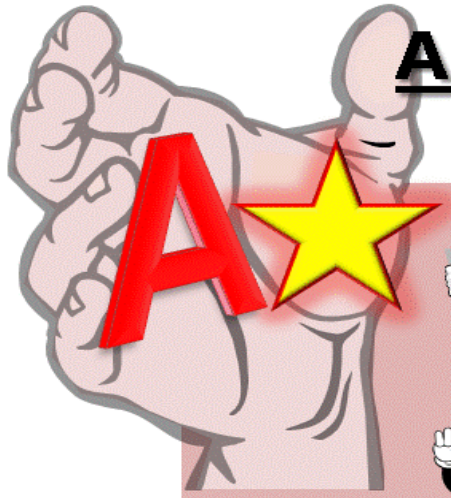
Teachers will get students to take down important Maths concepts and notes.
The exercise book used for the notes should be **brought to school daily**.



STAR Heuristics Package (STAR Hpack)



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

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	9	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!

10 April 2026

Details will be sent via PG nearer the date

Thank You!