



JUNYUAN PRIMARY SCHOOL

Future-Ready Learners . Leaders of Character

Mathematics

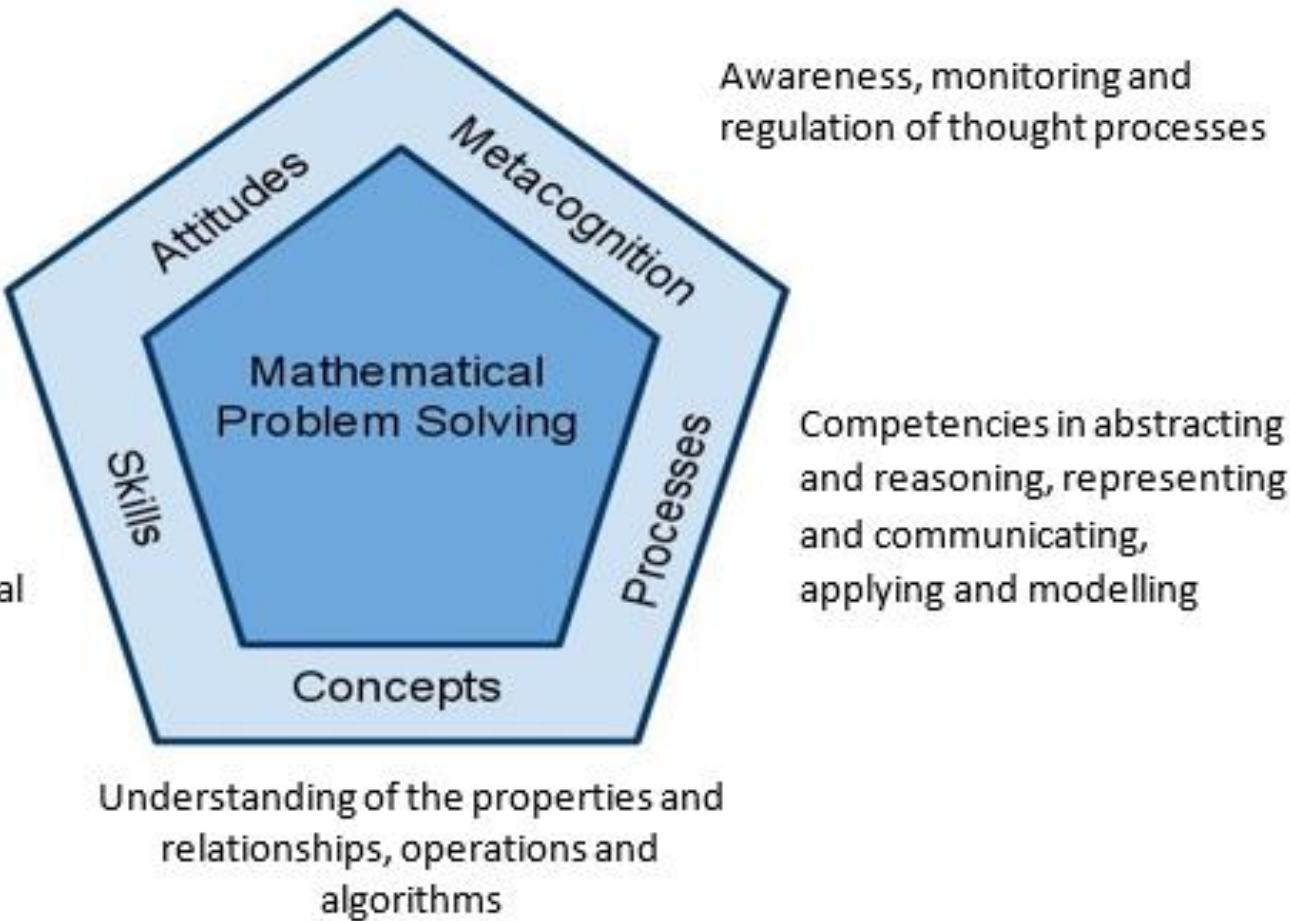
Primary 5



Mathematics Curriculum Framework

Belief, appreciation, confidence, motivation, interest and perseverance

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





Key Department Approaches & Programmes

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



Sustained Support for Maths (SSM)

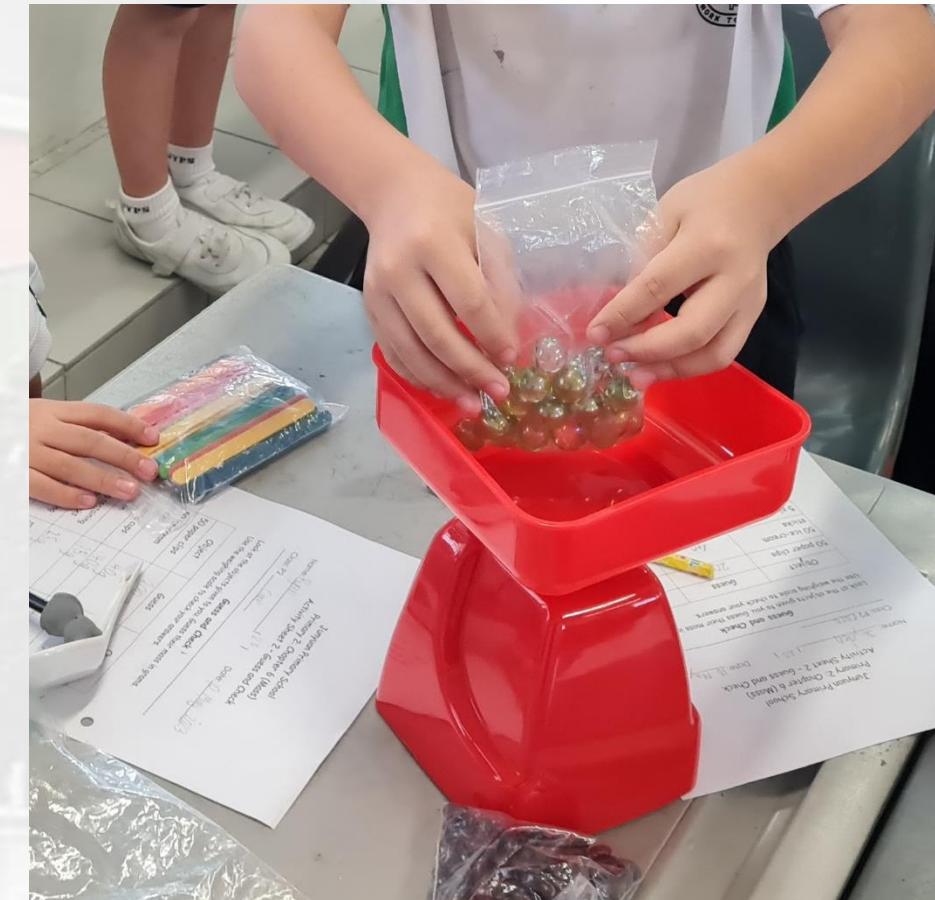
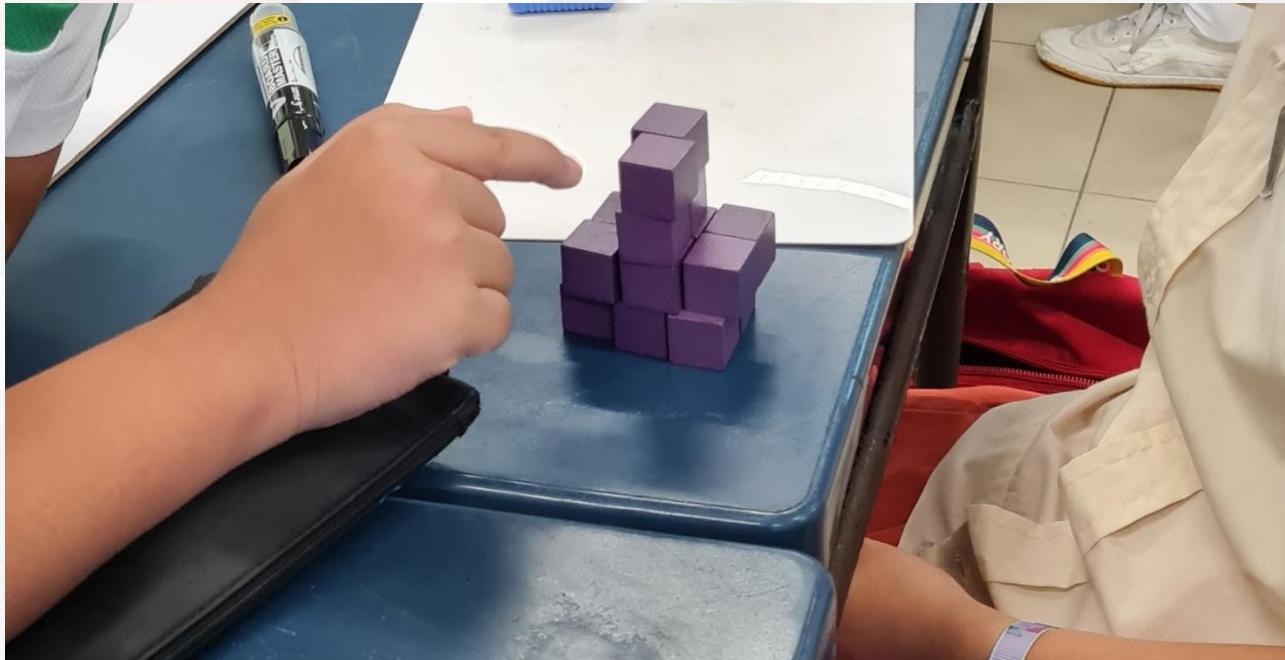
Activity - based lessons





Sustained Support for Maths (SSM)

Activity - based lessons

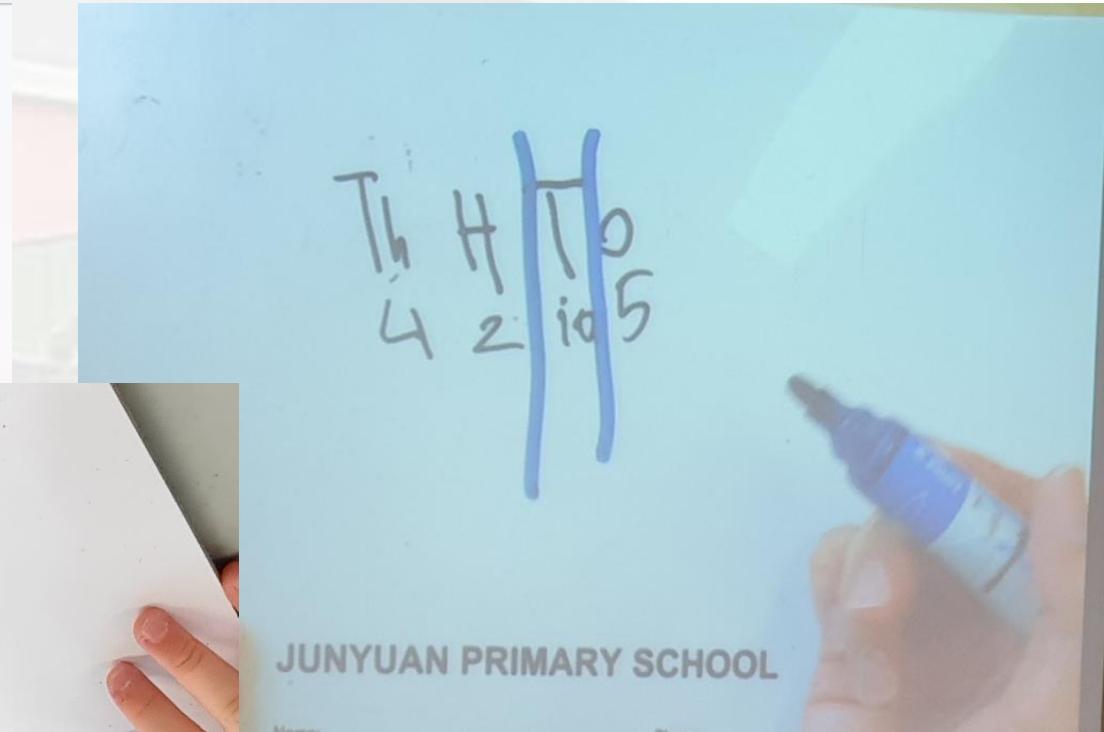
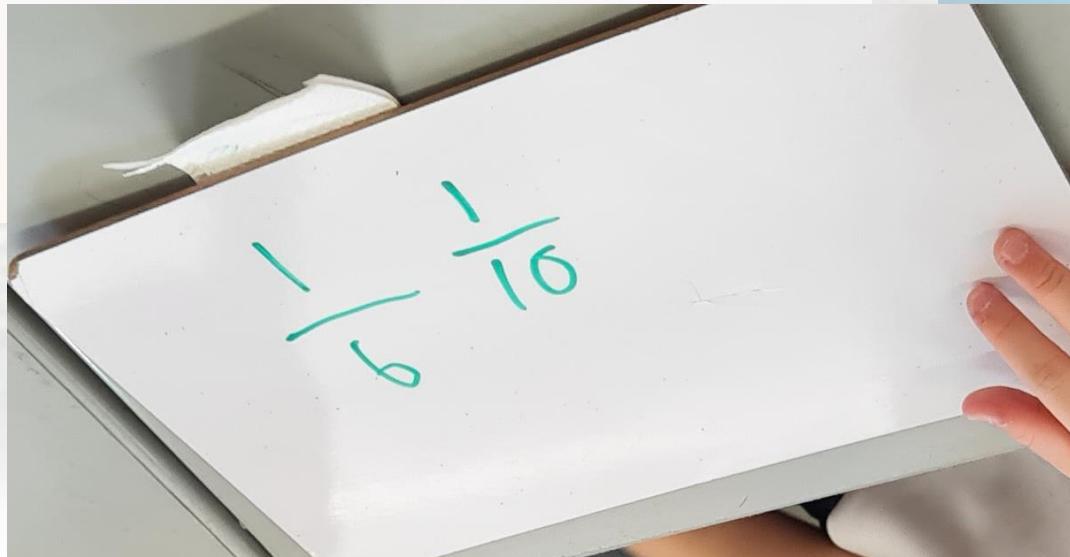




Sustained Support for Maths (SSM)

Factual Fluency

$$43.5 \div 60 = \underline{\hspace{2cm}}$$



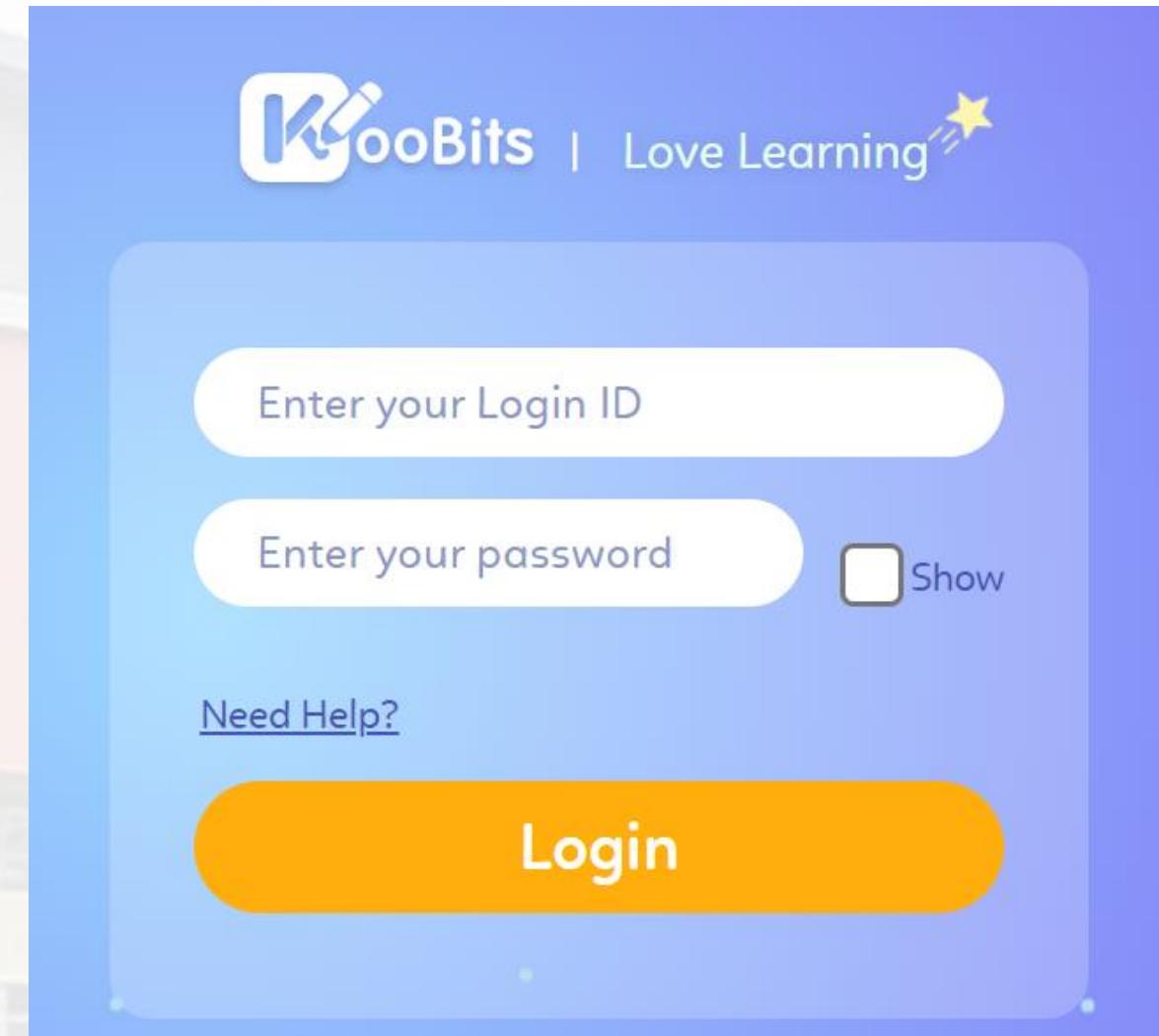


Sustained Support for Maths (SSM) ICT - based lessons



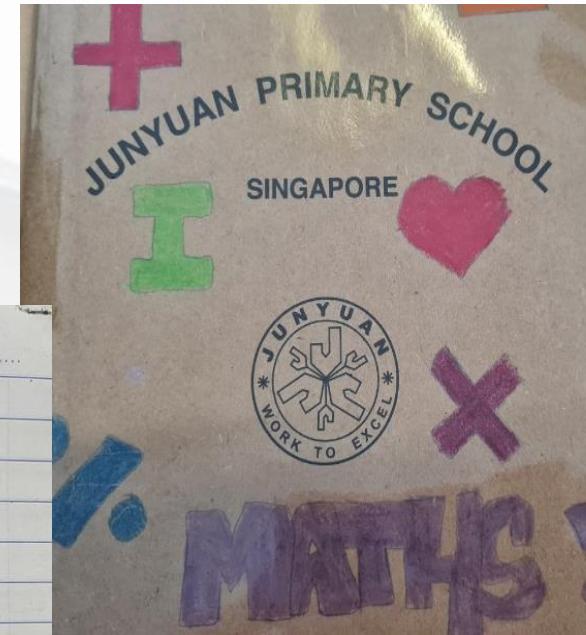
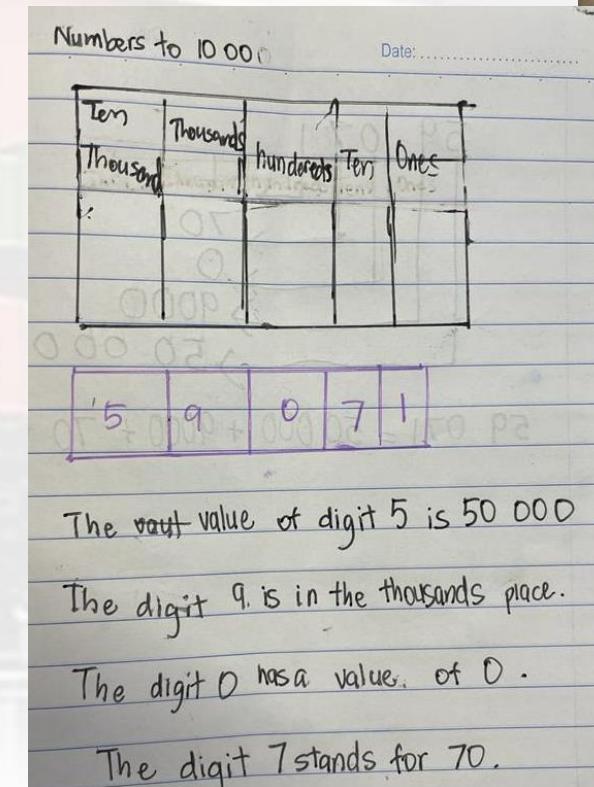
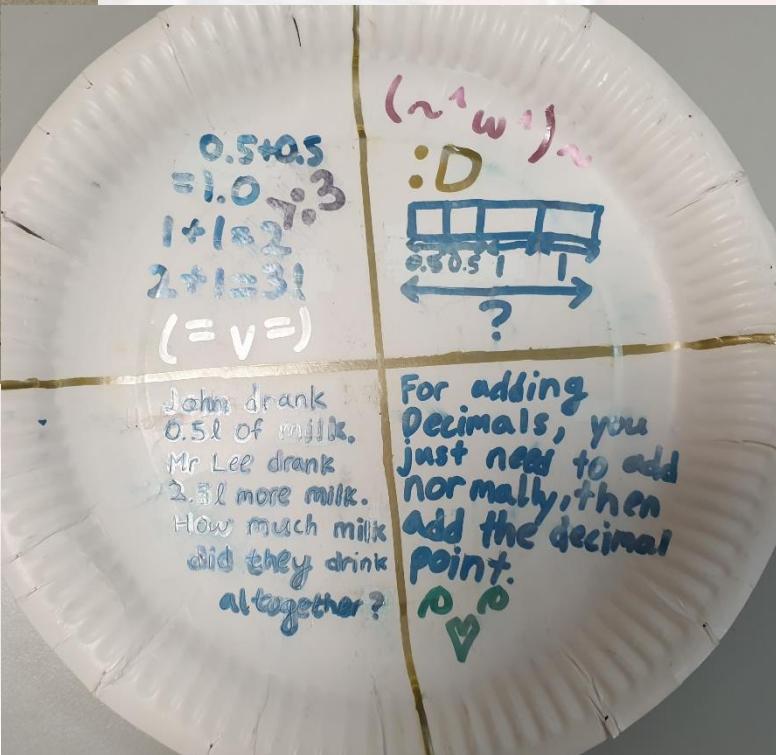
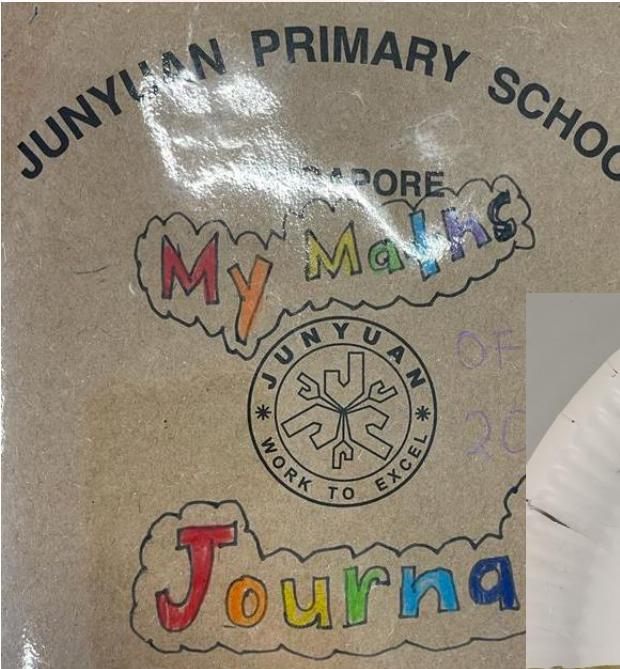


KooBits





Note Taking

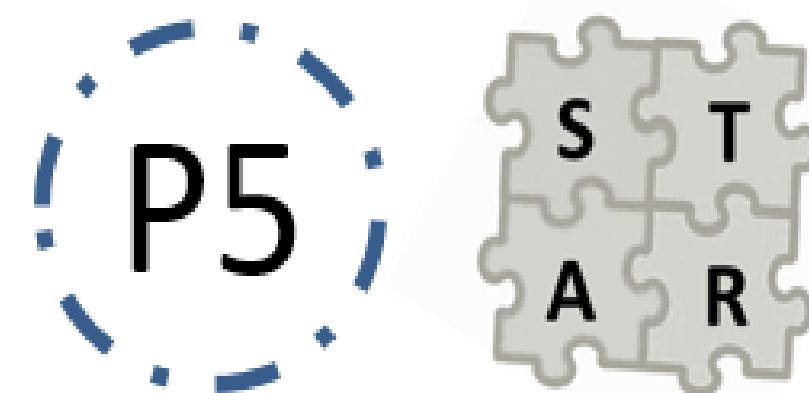




STAR Heuristics Package (STAR Hpack)

**JUNYUAN PRIMARY SCHOOL
MATHEMATICS**

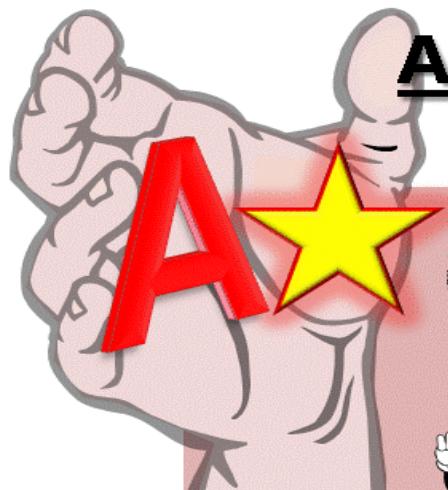
STAR
SEE ~ THINK ~ ACT ~ RELOOK





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**
- **Branching method**
- **Working backwards**
- **Restate the problem**
- **Patterning**



Topics at P5

Numbers to 10 Million

Four Operations of Whole Numbers

Fractions and Division

Four Operations of Fractions

Area of Triangles

Volume

Decimals

Rate

Percentage

Angles

Properties of Triangles

**Properties of Parallelogram,
Rhombus and Trapezium**

WA1

WA2

Subject to changes



Topics at P5 FMA

Numbers to 10 Million

Four Operations of Whole Numbers

Factors and Multiples

Fractions as Part of a Whole

Time

Angles

Perpendicular and Parallel Lines

Rectangles and Squares

Mixed Numbers and Improper Fractions

Multiplication of Fractions

Decimals

Four Operations of Decimals

Rate

Area and Perimeter

Volume

Tables and Graphs

WA1

WA2

Subject to changes



JUNYUAN PRIMARY SCHOOL

Future-Ready Learners . Leaders of Character

Assessment

Format of WA1



Section	Item Type	Number of Questions	Allocation of Marks per Question	Duration
A	MCQ	6	1 – 2	
B	SAQ	10	1 – 2	50 min
C	LAQ	2	3 – 4	

Format of WA2



Section	Item Type	Number of Questions	Allocation of Marks per Question	Duration
A	SAQ	11	1 – 2	50 min
B	LAQ	4	3 – 4	

Format of WA (FMA)

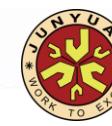


Section	Item Type	Number of Questions	Allocation of Marks per Question	Duration
A	MCQ	8	1	
B	SAQ	10	1 – 2	50 min
C	LAQ	2	3 or 4	

Format of EYE



Paper	Booklet	Item Type	No. of qns	Marks per qns	Weighting	Duration
1	A	MCQ	18	1 or 2	50%	1 h 10 min
	B	SAQ	12	2		
2		SAQ	5	2	10%	1 h 20 min
		LAQ	10	3, 4 or 5	40%	
Total			45		100%	2 h 30 min



Format of EYE (FMA)

Paper	Booklet	Item Type	No. of qns	Marks per qns	Marks	Duration
1	A	MCQ	10	1	10	1 h
			10	2	20	
2		SAQ	8	2	16	45 min
		SAQ	10	2	20	
		LAQ	4	3 to 4	14	
Total			42		80	1h 45 min



Supporting our Students

- Relate Maths to daily life.
- Encourage active engagement in school's online platforms e.g. Koobits, SLS
- Encourage your child to ask questions and not to afraid to try.
- Refer to textbooks / Mathematics Handbook (Orange file) / own notes taken during lessons



Online Maths Alive! Workshop for parents (via MS Teams)

Save the date!

17 April 2026

Details will be sent via PG nearer
the date



JUNYUAN PRIMARY SCHOOL

Future-Ready Learners . Leaders of Character

Thank You!