



**JUNYUAN PRIMARY SCHOOL**

Future-Ready Learners . Leaders of Character

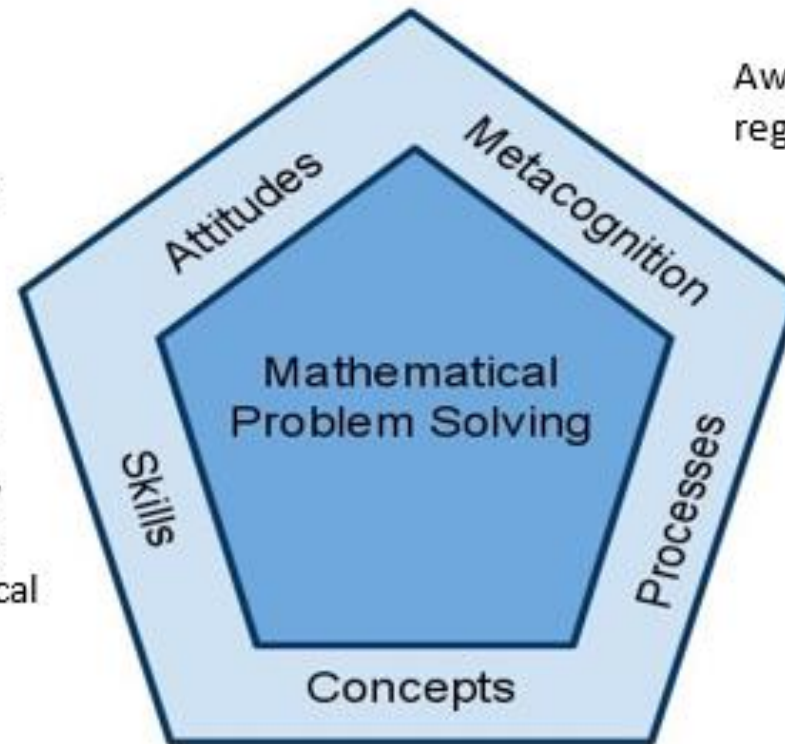
# Mathematics Primary 3



# 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



Awareness, monitoring and  
regulation of thought processes

Competencies in abstracting  
and reasoning, representing  
and communicating,  
applying and modelling

Understanding of the properties and  
relationships, operations and  
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



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# 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.



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# **STAR Heuristics Package (STAR Hpack)**

# STAR



## Approach in Problem Solving

**A** 



**S**ee what is given



**T**hink of a plan



**A**ct on my plan



**R**elook and check





# Types of Heuristics

- Model Drawing
- Guess and Check
- Work backwards



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# Assessment



# Format of Assessment (Weighted Assessments, WA)

Section	Item Type	Number of Questions	Allocation of Marks per Question	Duration
<b>A</b>	MCQ	7	1 – 2	50 min
<b>B</b>	SAQ	10	1 – 2	
<b>C</b>	LAQ	2	3	





# Format of Assessment End-of-year Paper

Section	Item Type	Number of Questions	Allocation of Marks per Question	Weighting	Duration
A	MCQ	8	1 to 2 marks	26%	1 h 15 min
B	SAQ	12	1 to 2 marks	40%	
C	LAQ	5	3 to 4 marks	34%	



# Topics at P3

Numbers to 10 000

Addition and Subtraction

Money

Multiplication Tables of 6, 7, 8 and 9

Multiplication and Division

More Word Problems

Bar Graphs

Angles

Perpendicular and Parallel Lines

Fractions

Length, Mass and Volume

Area and Perimeter

Time

WA1

WA2

Subject to changes



# Supporting our Students

- Relate Maths to daily life.
- Actively engage in school's online platforms e.g. Koobits and SLS
- 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!*