



Primary 3

Mathematics

Curriculum Information

2024





Curriculum



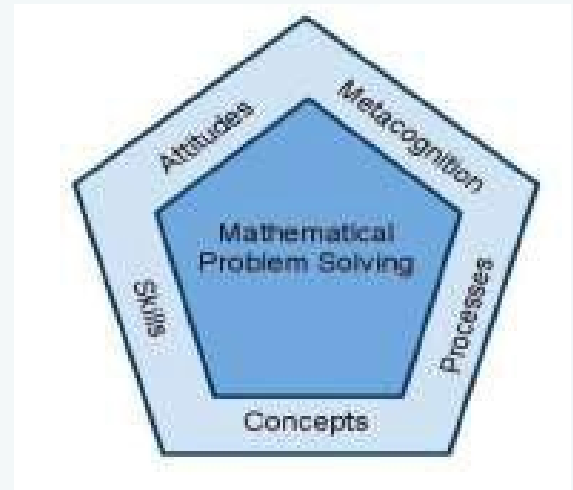
Love to Learn Maths
Learn to Love Maths



Primary Mathematics (2021) Syllabus

The Primary Mathematics Syllabus aims to enable all students to:

- acquire mathematical concepts and skills for everyday use and continuous learning in mathematics
- develop thinking, reasoning, communication, application and metacognitive skills through a mathematical approach to problem-solving; and
- build confidence and foster interest in mathematics.



Primary Mathematics (2021) Syllabus

The document is available from MOE Website.

Specific topics to be covered are in the
Primary 3 Primary Mathematics Textbooks.



Pedagogy



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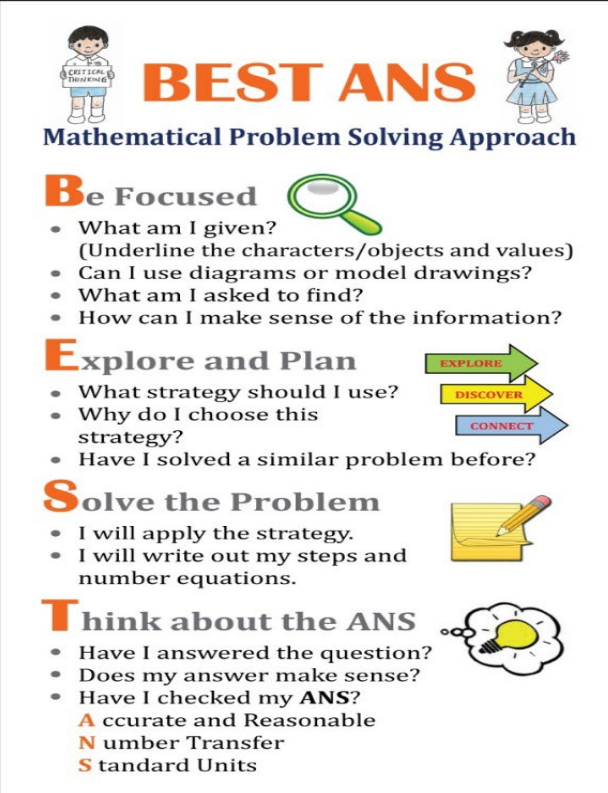


Learner-centred pedagogy


Teachers will use appropriate pedagogical approaches:

- Concrete-Pictorial-Abstract approach (C-P-A)
- Hands-on learning experiences
- Co-operative learning, opportunities for collaborative work
- Differentiated Instruction (DI - Content, Process, Product)
- E-learning, SLS Lessons , etc


- Informal Formative Assessment (FA) strategies to monitor and deepen students' learning
- Guide students in using BEST^{ANS} problem solving strategy
- Provide Critical Thinking exercises to equip students with problem solving heuristics




BEST ANS
Mathematical Problem Solving Approach

Be Focused 


- What am I given?
(Underline the characters/objects and values)
- Can I use diagrams or model drawings?
- What am I asked to find?
- How can I make sense of the information?

Explore and Plan 

- What strategy should I use?
- Why do I choose this strategy?
- Have I solved a similar problem before?

Solve the Problem 

- I will apply the strategy.
- I will write out my steps and number equations.

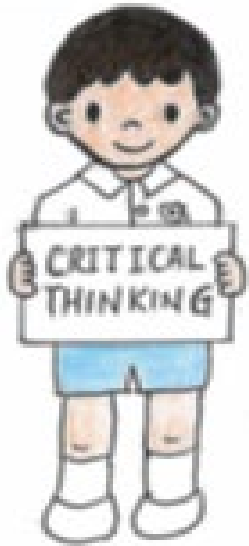
Think about the ANS 

- Have I answered the question?
- Does my answer make sense?
- Have I checked my ANS?

Accurate and Reasonable
Number Transfer
Standard Units



Assessment



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P3 Mathematics Assessment [Formative & Summative]

NO Mid-Year Examination

1 Weighted Assessment [WA] / 1 Performance Task [PT]
End-of Year Examination

- ✓ Formative Assessment (FA) strategies [non-weighted] monitor students' progress at different phases of learning during lessons
- ✓ Triangulate students' learning from multiple sources of assessment information such as through observation in class, written work, classroom discussion, e-learning, etc.

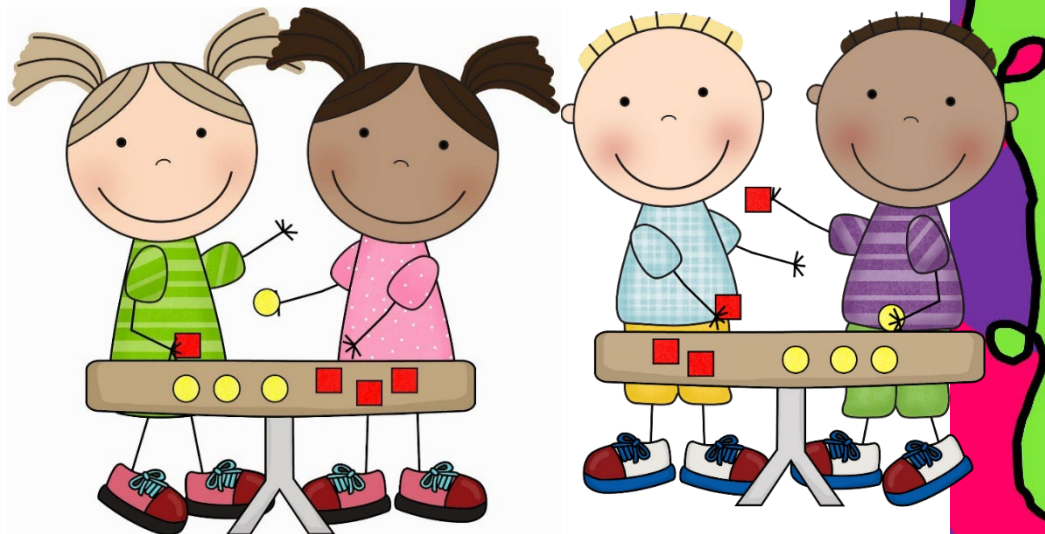


Formative Assessment [FA] to gauge learning

Learning experiences

Collaborative Work

Maths Talk



MATH TALK SENTENCE STARTERS

- *I solved the problem by...
- *The strategy I used was...
- *Another strategy you could use would be...
- *The best way to solve this problem would be...
- *I know the answer is reasonable because...
- *I can check my answer by...
- *I can prove my thinking by...
- *I discovered that...
- *I noticed that...
- *I learned...
- *I wonder...
- *I compared...
- *I added/subtracted/multiplied/divided...



Formative Assessment [FA] to gauge learning

Learning experiences /activities such as:

Using the weighing scale
Measuring volume, length
Completing patterns
Time etc.



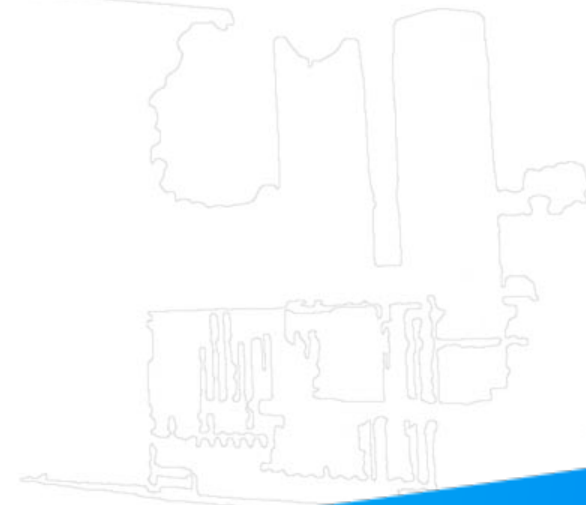
P3 Mathematics School-based Assessment

Components	Weighting	Timeframe
Formative Assessment: Journal Hands-on Activities Review Exercises	Non-Weighted	Whole Year
Summative Assessment: 1 Weighted Assessment (WA) 1 Performance Task (PT)	15%	Term 2
End-of-Year Examination	70%	Term 3
Overall	100%	Term 4





Home-School Partnership



How can parents help?

Please ensure that your child has mastery in these (P2) topics:

- Addition & Subtraction
- Multiplication
- Length
- Mass & Volume
- Time
- Money
- Picture Graphs
- 2-D/3-D Figures
- Patterns

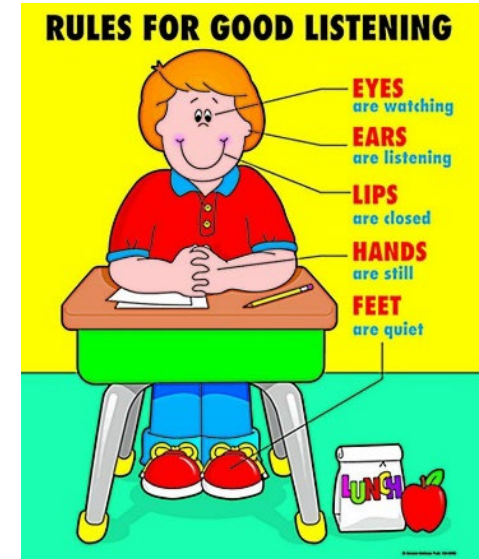


(Details can be found in the P2 textbooks)



Instill in your child positive learning attitude and good habits to maximize learning

- ☑ Behave, Focus and Participate
- ☑ Listen and Speak at appropriate times
- ☑ Be organized
- ☑ Write with good handwriting
- ☑ *Bring necessary **stationery***
- ☑ *Be accustomed to sitting for 1 hour*



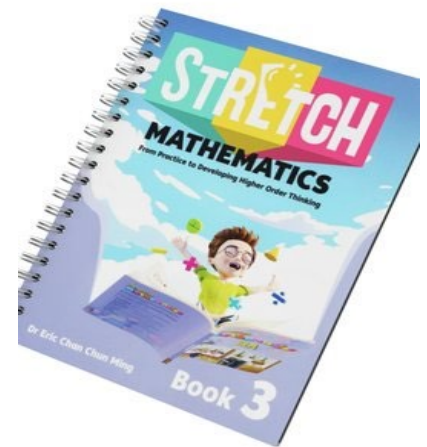
Books for Primary 3

Primary Maths Textbooks 3A & 3B

Practice Books 3A & 3B

Enrichment :

Critical Thinking & STRETCH Exercises



Please ensure that your child shows you his/her work regularly.

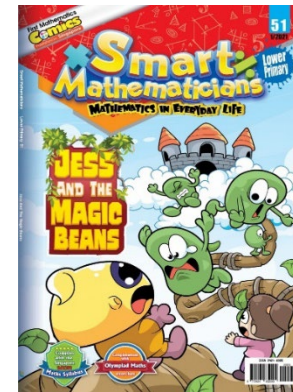


Recommended Optional Supplementary Materials (available from the school bookshop)

Targeting Maths Companion 3A & 3B

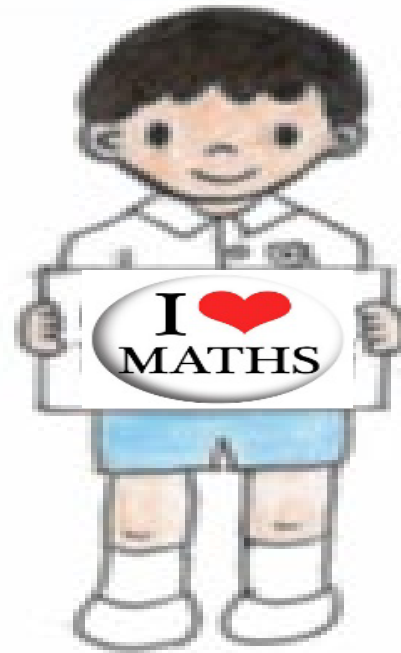
My Pals! Test Book 3 & Homework Book 3A & 3B

Amazing Mathematics Book 3A & 3B



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**In Partnership with
Parents to Develop
your child to their**

**Fullest Potential: Every student a Creator, Connector,
Contributor**

