2026
Curriculum Briefing

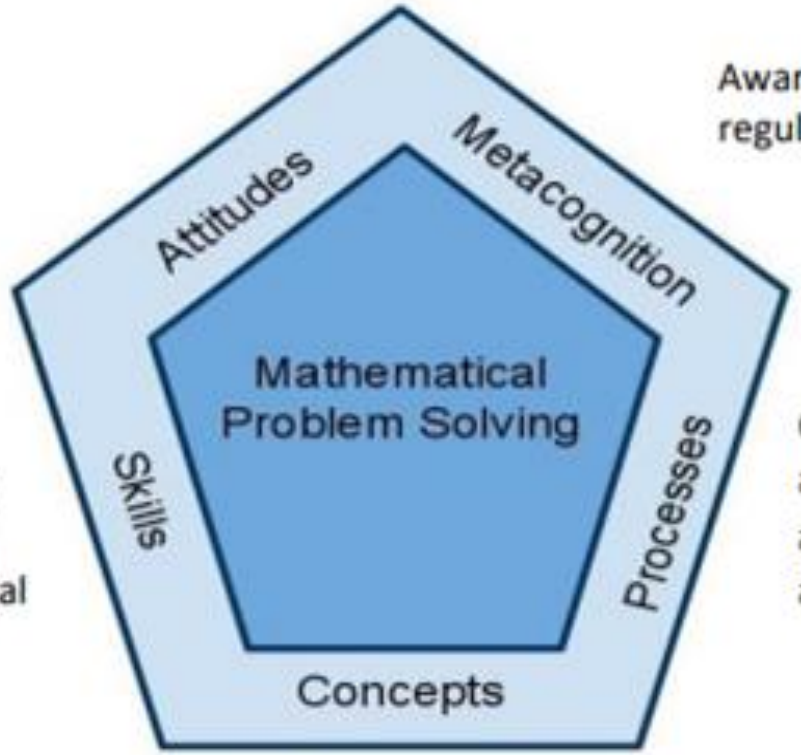
Primary 6
Mathematics

WestSpring PRIMARY SCHOOL

MOE Primary 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

Primary school subjects and syllabuses

Objectives About Primary Mathematics

- 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
- Build confidence and foster interest in mathematics

Learning at West Spring Primary
Concrete – Pictorial – Abstract Approach

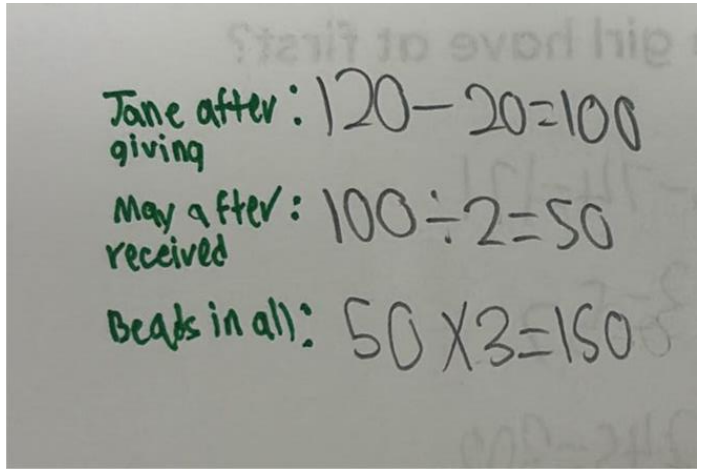
Concrete

Through the use of manipulatives, students are engaged in learning the fundamental concepts, explore and ask questions that spark curiosity and interest in Math

Pictorial

Students represent questions and solutions in pictorial forms. These include model and diagrams drawing. This allows them to better understand the questions without physical manipulatives

Abstract



Representing questions and solutions with numbers, symbols with necessary annotation, students are able to work with abstract forms.

Learning at West Spring Primary
PLAY 2.0

Engage

The Impact: When curiosity is sparked, retention improves. Students are motivated because the Math makes sense.

Empower

The Impact: This builds confidence and teaches them to self-assess their own learning gaps—a critical skill for PSLE revision.

Extend

The Impact: Students apply concepts to authentic scenarios (e.g., household budgeting, architecture), preparing them for "Real-Life Application" exam questions.

Our Key Programmes

Programmes that meet the needs of diverse learner

Stretch Programme

- E2K
- Math Olympiad Competitions and Challenges

Support Programmes

- After-school Program (selected students with targeted support)
- Consultation (students initiated)

Assessment Matters

WA 1	WA 2	Prelim
50 min	50 min	Standard Mathematics Paper 1 - 1 h 10 min Paper 2 - 1 h 20 min Foundation Mathematics Paper 1 - 1 h Paper 2 – 45 min
40 marks	40 marks	Standard Mathematics 100 marks
30 marks	40 marks	Foundation Mathematics 80 marks

Assessment for Learning
– Formative assessments that monitor students' learning throughout the course. Class discussions, daily work, SLS ALS and Weighted Assessments for us to provide feedback on students' progress.

Assessment of Learning
– Summative assessments that evaluate students' learning such as Preliminary Examination

Syllabus - What will students learn?

Standard Mathematics	
Fractions - Division of Fractions and Solving Problem Sums involving 4 operations of fractions	Term 1
Ratio – Comparing quantities, Equivalent Ratios and Solving Ratio Problem Sums	
Percentage – Percentage increase / decrease, Word problems	
Angles in Geometric Figures - Triangle, Parallelogram, Rhombus and Trapezium	
Angles in Geometric Figures - Triangle, Parallelogram, Rhombus and Trapezium (cont'd)	Term 2
Area and Circumference of Circles	
Volume of Cube and Cuboid	
Volume of Cube and Cuboid (cont'd)	Term 3
Average	
Algebra	

Syllabus - What will students learn?

Foundation Mathematics	
Fraction and Division	Term 1
4 Operations of Fractions and Decimals	
Percentage – Discount, GST and Problem Sums	
Percentage – Discount, GST and Problem Sums (cont'd)	Term 2
Average	
Volume	
Pie Charts	
Area of Triangles	Term 3
Geometry – properties triangles	
Geometry - Angles in Traingles, Rectangles and Squares	

Partnering with the teachers

Working together to support your child's learning

Make Math Visible (Authentic Learning)

- Goal: Show that Math exists beyond the textbook.
- Action: Involve your child in budgeting for family trips or calculating percentage discounts during shopping.
- Discussion: When reading the news, chat about the graphs and charts to build data interpretation skills.

Celebrate the Struggle (Growth Mindset)

- Goal: Build resilience in learning Mathematics.
- Action: Praise the effort and strategy, not just the final score.
- Support: Encourage them to accept feedback constructively.

Foster Ownership (Habits & Routine)

- Goal: Independent learners are successful learners.
- Action: Ensure they file their work regularly to stay organised.
- Reflection: Encourage them to set personal targets and track their own progress.

Thank you!