



# English Martyrs Catholic Voluntary Academy

We grow and learn, with the gifts we have been given, following in the footsteps of Jesus.

## Maths Progression Map



**Intent: Following the national curriculum for maths our intent is that all our children: -**

### Head

- Become fluent in the fundamentals of Mathematics.
- Are able to reason mathematically.
- Can solve problems by applying their Mathematics.

### Heart

- Foster a love of maths and an 'I can attitude'
- Have resilience and determination by knowing that hard work will give us the answers and help us to succeed e.g. through problem solving. To know that it is OK to not get things right all of the time and that we learn from mistakes.
- Spend time becoming true masters of content, applying and being creative with new knowledge in multiple ways

### Hand

- Understand that maths is essential to everyday life, critical to science, technology and engineering, and necessary for financial literacy and most forms of employment.

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Advent 1 and 2</b>	Shape and pattern Match and sort  Representing 1,2,3 Comparing 1,2,3	Place value – within 10 (5 weeks) Addition and subtraction within 10. (5 weeks)	Place value to 100 (4 weeks) Addition and subtraction to 100 (5weeks) <b>Properties of shape</b>	Place Value to 1000 (3 weeks) Addition and subtraction – 3-digit numbers (5 weeks)	Place value – 4 digits (4 weeks) Addition and subtraction (3weeks) <b>Area (1 week)</b>	Place value to 6 digits (3 weeks) Addition and subtraction (2 weeks)	Place value (2 weeks) 4 operations (5 weeks) Fractions A (2 weeks) Fractions B (2 weeks) <b>Converting Units (1 week)</b>



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	Composition 1,2,3 Representing numbers to 5. One more/one less 2D and 3D shapes.	Recognition of 2D and 3D shape –linked to other areas where possible. (1 week) 1 week for consolidation if needed.	(3 weeks)	Multiplication and division A 3,4 and 8 tables (4 weeks)	Multiplication and division (3 weeks) 1 week for consolidation if needed.	Multiplication and division (3 weeks) Fractions A (4 weeks)  1 week for consolidation if needed.	
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Lent 1 and 2	Number bonds to 5 Representing 6,7,8 Comparing 6,7,8 Composition 6,7,8 Money Time  Addition Combining two groups to make a whole. Number bonds to 10 Weight	Place Value within 20. (3weeks) Addition and subtraction within 20 (3 weeks) Place value within 50 – multiples of 2,5 and 10. (2 weeks) Measure - units of length and height (2 weeks) Measure - units of mass and capacity (2 weeks)	Money – combination of notes and coins (2 weeks) Multiplication and division 2,5 and 10 tables (5 weeks) Mass, capacity and temperature (2 weeks) Length and Height (2 week)	Multiplication and division B (3 weeks) Measurement – length and perimeter (2 weeks) Fractions A (3 weeks) Measurement – Mass and capacity (3 weeks)	Multiplication and division (3 weeks) Length and Perimeter (1 week) Fractions (4 weeks) Decimals (3 weeks)	Multiplication and division (3 weeks) Fractions (2 weeks) Decimals and Percentages (3 week) Measurement – Perimeter and area (2 weeks) Statistics (2 weeks)	Ratio (2 weeks) Algebra (2 weeks) Decimals (2 weeks) Fractions, Decimals and Percentages (2 weeks) Perimeter, area and volume (2 weeks) Statistics (2 weeks)



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	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Pentecost 1 and 2</b>	Subtraction up to 10 Counting to 20 Doubling Halving Odd and even Length, height, distance  Problem solving Consolidation Capacity	Multiplication and division (3 weeks) Fractions – halves and quarters (2 weeks) Movement – turns (1 week) Place value within 100 (2 weeks) Money, coins and notes (1 week) Time – sequence events, an hour/half an hour, days, weeks, months. (2 weeks) 1 week for consolidation if needed.	Fractions (3 weeks) Time (3 weeks) Statistics (2 weeks) Position and direction (2 weeks) 2 weeks for consolidation if needed.	Fractions B (2 weeks) Money (2 weeks) Time (3 weeks) Properties of shape (2 weeks) Statistics (2 weeks) 1 week for consolidation if needed.	Decimals (2 weeks) Money (2 weeks) Time (2 week) 1 week for consolidation if needed. Properties of shape (2 weeks) Statistics (1 week) Position and direction (2 weeks)	Properties of shape (3 weeks) Position and direction (1 week) Decimals (3 weeks) Negative Numbers (1 week) Measurement – converting units (2 weeks) Volume (1 week)	Properties of shape (3 weeks) Position and Direction (1 week) Themed projects, consolidation and problem solving..