

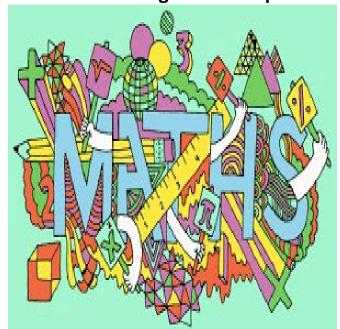




### **English Martyrs Catholic Voluntary Academy**

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







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