St William of York Catholic Primary School

Curriculum Overview: Mathematics

	Autumn	Spring	Summer
Nursery	Number Rhymes Sorting Matching Pairs Daily Routine Sequences Comparing groups and amounts Positional Language Circles Numbers 1 and 2	Number Rhymes Noticing groups of objects that are the same Subitising Pattern Triangles Numbers 3 and 4	Subitising Routes Heavy and Light Positional Language Rectangles and squares Rotating shapes patterns Long and short Numbers 4 and 5 Making amounts to 5
Reception	Number Rhymes and songs Identifying patterns Begin to describe & sequence events Count objects, actions, sounds Count out a smaller number from a larger group Count up to 10 Numbers 1-5 Explore the composition of numbers to 5. Select, rotate and manipulate shapes to develop spatial reasoning skills. Compare length.	Number Rhymes and songs Continue, copy and create repeating patterns. Sequence events, using sequence language Link the number symbol (numeral) with its cardinal number value. Count beyond 10 Numbers 5-10 Explore the composition of numbers to 10 using part whole model. Compare capacity. Compose and decompose shapes so that children recognise a shape can	Number rhymes and songs Extend and create more complex patterns. Subitise Verbally count beyond 20, recognising the pattern of the counting system. Understand the 'one more than/one less than' relationship between consecutive numbers. Explore the composition of numbers to 10. Automatically recall number bonds for numbers 0–5 and some to 10.

		have other shapes within it, just as numbers can.	Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. Compare weight.
Year 1	Numbers to 10 Part-whole within 10 Addition and subtraction within 10 2D and 3D shapes Numbers to 20	Addition within 20 Subtraction within 20 Numbers to 50 Introducing length and height; weight and volume	Multiplication Division Halves and quarters Position and direction Numbers to 100 Time Money
Year 2	Numbers to 100 Addition and subtraction Measurement (money) Multiplication and division	Multiplication and division Statistics Length and height Properties of shapes Fractions	Position and direction Problem solving and efficient methods Time Weight, volume and temperature
Year 3	Place value within 1000 Addition and subtraction Multiplication and division	Multiplication and division Money Statistics Length Fractions	Fractions Time Angles and properties of shapes Mass Capacity
Year 4	Place value – 4-digit numbers Addition and subtraction Measure – perimeter Multiplication and division	Multiplication and division Measure – area Fractions Decimals	Decimals Money Time Statistics Geometry (angles and 2D shapes) Geometry (position and direction)

Year 5	Place value within 100 000 Place value within 1 000 000 Addition and subtraction Graphs and tables Multiplication and division Measure – area and perimeter	Multiplication and division Fractions Decimals and percentages	Decimals Geometry (properties of shapes) Geometry (position and direction) Measure – converting units Measure – volume and capacity
Year 6	Place value within 10 000 000 Four operations Fractions Geometry – position and direction	Decimals Percentages Algebra Measure – imperial and metric Measure – perimeter, area and volume Ratio and proportion	Geometry – position of shapes Problem solving Statistics