



Together, we aim high; with God's love, we can fly.

St. Ann's Church of England Primary School

MATHEMATICS LONG TERM PLAN

	AUTUMN		SPRING		SUMMER	
Reception	Numbers 1 – 5		Numbers 1 – 10		Counting to 20	
	Counting and ordering numbers 1-5		Counting and ordering numbers 1 - 10		Count beyond 20 (recognising the number system)	
	Exploring number bonds to 5		Exploring number bonds to 10		Automatically recall bonds within 10	
	Subitise numbers 1 - 5		Subitise numbers 1 – 10		Estimate numbers within 10	
	Explore doubles		Explore doubles to 10		Explore halves within 10	
	Compare quantities up to 10		Identify missing numbers to 10		Write numerals to 10	
	Days/months/seasons		Odd/even numbers		Identify missing numbers up to 10	
	Explore money – 1p, 2p, 5p		Add/subtract within 10		Order patterns of numbers	
	Name and discuss 2D shapes		Positional language		Understand positional language	
	Copy patterns		Copy and continue shape patterns		Add coins together	
	Count groups of objects to ten		Name and discuss 3D shapes		Create repeating patterns	
	Use language of capacity		Use language of size		Compose and decompose shapes	
	Use language of weight					
	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Year 1	Numbers to 10 (Place Value)	Numbers to 20 (Place Value)	Addition and Subtraction to 20 (Number)	Time (Measures)	Numbers 50 to 100 and beyond (Number)	Length and Mass (Measures)
	Addition and Subtraction within 10 (Number)	Addition and Subtraction within 20 (Number)	Exploring calculation strategies within 20	Fractions Numbers to 50	Money (Measures)	Capacity and Volume (Measures)

	Shape and Pattern (Geometry)		(Number) Multiplication and Division (Number)	(Number)	Addition and Subtraction (Number)	
Year 2	Numbers within 100 (Place Value) Addition and Subtraction of 2 digit numbers (Number) Addition and Subtraction: word problems (Number)	Multiplication and Division: 2,5 and 10 (Number) Length (Measures) Graphs (Statistics)	Time (Measures) Fractions Faces, Shapes, Patterns, Line and Turns (Geometry)	Faces, Shapes, Patterns, Line and Turns (Geometry) Addition and Subtraction of 2-digit numbers (Number) Money	Capacity and Volume (Measures) Mass (Measures)	Exploring calculation strategies Multiplication and Division (Transition Unit)
Year 3	Numbers sense and exploring calculation strategies (Number) Place Value (Number) Addition and Subtraction (Number)	Addition and Subtraction (Number) Length and Perimeter (Measures) Graphs (Statistics)	Multiplication and Division (Number) Calculating with multiplication and division (Calculation)	Time (Measures) Fractions	Angles and Shape (Geometry) Measures (Measures)	Exploring Calculation Strategies and Place Value Applying Multiplicative Thinking Time Table and Division Facts
Year 4	Reasoning with 4 digit numbers (Place Value) Addition and Subtraction (Number) Multiplication and Division (Number)	Multiplication and Division (Number) Discrete and Continuous Data (Statistics)	Time (Measures) Fractions	Decimals Area and Perimeter (Measures)	Solving measure and money problems (Measures) Shape and Symmetry (Geometry)	Position and Direction (Geometry) Reasoning with pattern and sequences (Number) 3D Shape (Geometry)

Year 5	Reasoning with large whole integers (Number) Integer Addition and Subtraction (Number) Multiplication and Division (Number)	Multiplication and Division (Number) Perimeter and Area (Measures) Line Graphs and Timetables (Statistics)	Fractions and Decimals Fractions and Percentages	Angles (Geometry) Transformations (Geometry)	Calculating with whole numbers and decimals (Number) Converting Units of Measures (Measure) Problem Solving in a range of context including negative numbers.	Problem Solving in a range of context including negative numbers. 2 D and 3D Shape (Geometry) Volume (Measures)
Year 6	Integers and Decimals (Number) Multiplication and Division (Number)	Multiplication and Division (Number) Calculation Problems (Number) Missing Angles and Length (Geometry)	Fractions Percentages and Statistics	Percentages and Statistics Decimals and Measure Proportion Problems (Ratio)	Coordinates and Shapes (Geometry) Curriculum Consolidation	Year 7 Transition Units.