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	Mastering Number Numbers 1 – 5 Counting and ordering numbers 1-5 Exploring number bonds to 5 Subitise numbers 1 - 5 Explore doubles Compare quantities up to 10 Days/months/seasons Explore money – 1p, 2p, 5p Name and discuss 2D shapes Copy patterns Count groups of objects to ten Use language of capacity	Mastering Number Numbers 1 – 10 Counting and ordering numbers 1 - 10 Exploring number bonds to 10 Subitise numbers 1 – 10 Explore doubles to 10 Identify missing numbers to 10 Odd/even numbers Add/subtract within 10 Positional language Copy and continue shape patterns Name and discuss 3D shapes Use language of size	Mastering Number Counting to 20 Count beyond 20 (recognising the number system) Automatically recall bonds within 10 Estimate numbers within 10 Explore halves within 10 Write numerals to 10 Identify missing numbers up to 10 Order patterns of numbers Understand positional language Add coins together Create repeating patterns Compose and decompose shapes Use language of weight

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Year 1	U1: Numbers within 10 (Place Value) U2: Addition and Subtraction within 10 (Number) U3: Shape and Pattern (Geometry)	U4: Numbers within 20 (Place Value) U5 Addition and Subtraction within 20 (Number)	U6: Time (Measures) U7: Exploring calculation strategies within 20 (Number) U8: Numbers to 50 (Number)	U9: Addition and Subtraction within 20 (Number) U10: Fractions U11: Length and Mass (Measures)	U12: Numbers 50 to 100 and beyond (Number) U13: Addition and Subtraction (Number)	U14: Money (Measures) U15: Multiplication and Division (Number) U16: Capacity and Volume (Measures)
Year 2	U1: Numbers within 100 (Place Value) U2: Addition and Subtraction of 2 digit numbers (Number) U3: Addition and Subtraction: word problems (Number)	U4: Measuring Length (Measures) U5: Graphs (Statistics) U6: Multiplication and Division: 2,5 and 10 (Number)	U7: Time (Measures) U8: Fractions U9: Addition and Subtraction of 2-digit numbers (Number)	U10: Money U11: Faces, Shapes, Patterns, Line and Turns (Geometry)	U12: Numbers within 1000 (Number) U13: Measuring Capacity and Volume (Measures) U14: Mass (Measures)	U15: Exploring calculation strategies Unit 16: Exploring Multiplicative Thinking Multiplication and Division (Transition Unit)
Year 3	U1: Numbers sense and exploring calculation strategies (Number) U2: Place Value (Number) U3: Graphs (Statistics)	U4: Addition and Subtraction (Number) U5: Length and Perimeter (Measures)	U6: Multiplication and Division (Number) U7: Calculating with multiplication and division (Calculation)	U8: Time (Measures) U9: Fractions	U10: Angles and Shape (Geometry) U11: Measures (Measures) U12: Applying Multiplicative Thinking	U13: Exploring Calculation Strategies and Place Value Additional Unit: Times Table and Division Facts

Year 4	U1: Reasoning with 4 digit numbers (Place Value) U2: Addition and Subtraction (Number)	U3: Multiplication and Division (Number) U4: Discrete and Continuous Data (Statistics)	U5: Calculating with Multiplication and Division (Number) U6: Fractions U7: Time (Measures)	U8: Decimals U9: Area and Perimeter (Measures) Additional Unit: Securing Multiplication Facts	U10: Solving measure and money problems (Measures) U11: Shape and Symmetry (Geometry)	U12: Position and Direction (Geometry) U13: Reasoning with pattern and sequences (Number) U14: 3D Shape (Geometry)
Year 5	U1: Reasoning with large whole integers (Number) U2: Integer Addition and Subtraction (Number) U3: Line Graphs and Timetables (Statistics)	U4: Multiplication and Division (Number) U5: Perimeter and Area (Measures)	U6: Fractions and Decimals U7: Angles (Geometry)	U8: Fractions and Percentages U9: Transformations (Geometry)	U10: Converting Units of Measures (Measure) U11: Calculating with whole numbers and decimals (Number)	U12: 2D and 3D Shape (Geometry) U13: Volume (Measures) U14: Calculating and problem solving with integers and decimals
Year 6	U1: Integers and Decimals (Number) U2: Multiplication and Division (Number) U3: Calculation Problems (Number)	U4: Fractions + Decimals U5: Percentages	U6: Decimals and Measure U7: Missing Angles and Length (Geometry)	U8: Coordinates and Shapes (Geometry) U9: Statistics U10: Proportion Problems (Ratio)	Curriculum Consolidation	Embedding and Securing KS2 curriculum knowledge Year 7 Transition Units.

COMPLETED
CURRENTLY ON