St Cuthbert with St Matthias CE Primary School Curriculum Outline 2018 – 2019

SUBJECT: MATHEMATICS

Term	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Pattern and shape Same and different Numbers within 5	Number counting and sequences to 10 and 20 Addition and subtraction within 10 I more and 1 less	Number within 100 Add and subtract 2- digit numbers Addition and subtraction word problems	Reasoning within 100 Place value Multiplication and division word problems Time: analogue, digital and finding how long	Place Value/Reasoning with 4 digit numbers Problem solving with integer addition and subtraction	Reasoning with large whole numbers Problem solving with integer addition and subtraction Multiplication and division	Number and Place Value Addition, subtraction, multiplication and division
Autumn 2	Measure Numbers within 10 Shape and Calendar	Shapes and patterns of 2D and 3D shapes. Number Bonds to 20.	Measuring length Interpreting Graphs Multiplication and division 2, 5 and 10	3 digit number 4 digit number (Y4 NC) Word problems – addition and subtraction with up to 4 digits	Multiplication and division Time and Real life problems Discrete and continuous data	Converting units – weight, length (perimeter) and time Volume and area	Fractions (including decimals and percentages)
Spring 1	Position and Time Numbers within 15 Numbers within 20	Exploring calculation strategies within 20 Time Numbers to 40	Exploring calculation strategies Money and real life problem solving	Using 10s, 100s and 1000s to multiply and divide large numbers Graphs	Understanding Fractions and Decimals	Fractions Line graphs and timetables	Ratio and Proportion Algebra Geometry – properties of shapes & position and direction Statistics
Spring 2	Shape and Pattern Addition and subtraction Numbers beyond 20	Adding and subtracting within 40 Length, weight and volume	Understanding Fractions Numbers within 1000 Faces, shapes and patterns; lines and turns	Fractions Length and perimeter	Area and perimeter Solving problems with addition and subtraction	Understanding Decimals Calculating Percentages	Geometry – properties of shapes & position and direction Statistics
Summer 1	Measure Grouping and sharing Money	Numbers to 100 Adding and subtracting within 100	Add and subtract 2- digit and 3-digit numbers Measuring capacity and volume Measuring mass	6 & 8 times tables (Y4 NC) Length, weight & volume 7 & 9 times tables (Y4 NC)	Coordinates, shape and symmetry	Angles, 2D and 3D shape and transformations	SATS revision of all areas above
Summer 2	Doubling and halving Addition and subtracting Numbers beyond 2	Money Multiplication and division	Time and Real life Problems Multiplication and division 3x and 4x	Exploring calculation strategies Angles and shape	Calculating with whole numbers and decimals 7 & 9 times tables	Calculating with whole numbers and decimals	Investigations