St John's Church of England Primary School – Maths Curriculum Map
Nurturing Potential within a Christian Ethos

	Autumn 1	Spring	Summer
EYFS	Just Like Me – Matching, Sorting, Compare (weight, heights) • Its Me – 1 2 3 Representing numbers, matching • Light & Dark 4 5 6 Representing numbers, counting, 1 more 1 less	Alive in 5! 12345, 1 more 1 less, how many altogether Full/empty Heavier / Lighter • Growing 6 7 8 Sorting, matching, representing numbers, making pairs, adding more, combining groups Taller / shorter Days of the week • Building 9 & 10 Representing, counting, ordering comparing making 10, 3D shape – matching objects Pattern	To 20 and Beyond – number patterns to 20, 10 frame, matching pictures to numerals • First, Then, Now – Counting on, adding more, taking away Making new shapes • Fin my pattern – doubling, sharing, grouping, Odd & Even • On the Move – Patterns and relationships, problem solving, maps
Year 1	Place Value – within 10 • Addition & Subtraction Within 10 • Geometry Shape • Place Value Within 20	Addition & subtraction Within 20 • Place Value – Within 50 • Length & Height Compare lengths and Measuring (non standard units) • Weight & Volume	Multiplication & Division Count in 2 5 10 make equal groups, sharing • Fractions Finding and making a half and quarter • Geometry Position Direction • Place Value Within 100 • Measurement Money • Time
Year 2	Please Value – within 20, 50 and then 100 • Addition & Subtraction– within 20, 50 and then 100 • Money Counting • Multiplication & Division – Making equal groups & Arrays	Multiplication & Division – 2, 5 & 10 Times tables • Statistics – tally charts and pictograms Interpret data • Properties of shape – Recognising 2 & 3D shapes and properties, Lines of symmetry • Fractions – finding 1/2, ¼ and 1/3 Non unit fractions, equivalence of 1/2, find ¾	Length & height – measure lengths in M and CM compare and order lengths • Geometry – Position Direction Describe movement and turns Making patterns with shapes • Time – tell the time to the hour, ½ hour. ¼ to and past Telling the time to 5 minutes • Mass, Capacity & temperature
Year 3	Place Value Within 100 and then to 1000 • Addition and Subtraction 3 digit numbers including exchanging • Multiplication and Division 2, 5 & 10 Times tables, multiply and divide by 3, 4 and 8	Multiplication and Division 2 digit by 1 digit numbers • Money – count, add and subtract Money • Statistics – Tally, pictograms, tables and bar charts • Length and Perimeter – measure, add and subtract length • Fractions –find 1/2, 1/4, 1/3, unit and non-unit fractions & equivalence	Fractions – decimals, tenths tenths as decimals, fractions on a number line, compare and order, add and subtract • Time – read the time to five minutes, using am/pm, 24 hr clocks, durations, measuring in seconds • Properties of shape – turn & angles Right angles Compare angles, parallel and perpendicular, 2D & 3D shape • Mass & capacity – compare, add and subtract mass, volume and capacity
Year 4	Place Value Within 1000 and then to 10,000 • Addition and Subtraction 4 digit numbers including exchanging • Length and Perimeter measure, add and subtract length Equivalent lengths m mm cm • Multiplication and Division Multiply by 10, 100, Multiply and divide by 1 and 0 3, 6, 7 & 9 times tables	Multiplication and Division 11 & 12 times tables Multiply 3 numbers Written methods Multiply & divide 2 digit by 1 digit • Geometry – Area What is area? Counting squares Making shapes Comparing area • Fractions Fraction greater than 1 Add 2 or more fractions Subtract 2 fractions Subtract from whole amounts • Decimals Recognise 10ths and 100ths place value grid Divide 1 digit number by 10 Divide 2 digits by 10 Divide 1 or 2-digits by 100	Decimals recap bonds to 10 and 100 make a whole, compare decimals. ½ s and ¼ s • Money £ and p, ordering money, estimating money, converting pound and pence, and subtract money • Time 24 hr clock, hours, minutes and days, analogue to digital 24 hr. • Statistics interpret chart, comparison, sum and difference, Introducing line graphs • Properties of shapes compare angles, identify angles, triangles quadrilaterals, symmetric • Position & direction describe position, draw on a grid, move one a grid, describe movement
Year 5	Place Value Numbers up to 100,000 • Addtition and Subtraction 4 digit numbers including more than one exchange • Statistics Draw read and interpret line graphs and charts Solve problems • Number and Multiplication Multiples, factors, common factors, prime numbers, • Perimeter and Area Perimeter of rectilinear shapes, calculating perimeter, area of compound	Multiplication and Division Multiply up to 3 digit numbers by up to two digit numbers Divide up to 3 digits by 1 digit Multiply and divide 4 digits by 2 digits • Fractions Fractions greater than 1, improper to mixed numbers, mixed numbers to improper Compare and order fractions less than 1 Add and subtract fractions • Decimals and Percentages Decimals up to 2DP Decimals as Fractions Understand thousandths Rounding decimals Order and Compare Decimals	Decimals Adding and subtracting decimals within 1, Complements to 1 Add and subtract • Properties of shape Measuring angles Drawing lines and angles Calculating angles • Position and directions Describe position Draw on a grid Position in the first quadrant • Converting units Kilometres Kilograms and kilometres Metric unites • Measurements Volume Compare volume Estimate volumes Estimate capacity

			Two – way tables	square numbers, cubed numbers	shapes and irregular shapes	Divide with remainders	Add three or more fractions	Understand percentages Percentages as fractions as decimals Equivalent FDP	decimals with same / different decimals places	around a point Triangles Quadrilaterals Regular and irregular polygons Reasoning about 3D shapes	Translation with coordinates Complete a symmetric figure Reflection with coordinates	Imperial unites Converting units of time	
Year 6	Place Value Numbers up to 1 million and beyond	Addition and Subtraction, Multiplication and Division Add/subtract numbers with more than 4 digits Long multiplication & division methods Primes to 100 Squares and cubes Order of operations	Fractions Fractions on a number line Add and subtract mixed numbers Multiply and divide fractions by fractions and integers. Four rules with fractions	Geometry – Area Position and area, Four quadrants Translations Reflections	Decimals Multiply and divide by 10, 100 and 1000 Multiply decimals by integers Decimals as fractions Fractions to decimals and decimals to fractions Understand 1000ths	Percentages Fractions to percentages Equivalent FDP Order FDP Percentages of amounts	Algebra Find a rule up to two steps Forming expressions Substitution Formulae Forming equations 1 and 2 step equations	Perimeter, Area & Volume Area and perimeter Areas of triangles and parallelograms Volume – using cubes Volumes of and cuboids	Ratio Ratio and fractions Calculating ratio Using scale Factors Ratio and proportion problems	Statistics Read and interpret line graphs Draw line graphs and use to solve problems Circles Read in and interpret pie charts Pie charts with percentages The mean	Properties of Shape Measure with a protractor Draw lines and angles accurately Angles on a straight line Vertically opposite angles Angles in a triangles Angles in regular polygons Draw shapes accurately Draw nets of 3D shapes		Consolidation and Themed Projects Projects that involve: Application of skills and content taught. Bakery Tours Salary/Bills Profit Loss Measuring distances