



Live, love and learn in a caring Christian community

Maths Long-Term Plan

Year 5

	Autumn	Spring	Summer
Units Taught	<p>Number, Place Value, Multiplication and Division Place value and rounding of larger numbers Interpret negative numbers Place value of numbers with up to 3 decimal places Multiply and divide by 10, 100 and 1,000 Properties of number: multiples, factors and common factors Prime and composite numbers</p> <p>Four Operations – mental calculation Multiply and divide mentally Solve problems involving knowledge of key facts Add and subtract using a range of strategies</p> <p>Four Operations – formal written methods Add and subtract using formal written methods Formal written method for multiplication Formal written method of short division</p> <p>Fractions Equivalent fractions</p>	<p>Fractions Compare and order fractions Adding and subtracting fractions</p> <p>Addition, subtraction, multiplication and division Problem solving: all operations</p> <p>Fractions Multiply fractions by whole numbers Fraction problem solving</p> <p>Measurement Measure: converting units of measure Area Volume and capacity</p> <p>Fractions (including decimals and percentages) Percentages Problem-solving: percentages</p> <p>Geometry 3-D shapes from 2-D representations</p>	<p>Geometry Reflection and translation Perimeter Estimate, compare, measure and draw angles Identify unknown angles</p> <p>Multiplication and Division Formal methods for division and multiplication in increasingly complex problems Strategies for multiplication and division (mental and written) Solving problems involving scaling by simple fractions and rates</p> <p>Measurement Conversion of imperial and metric units of measure</p> <p>Fractions Fractions, decimals and percentages problem solving</p> <p>Measurement Reading timetables and calculating with time</p> <p>Addition, subtraction, multiplication and division Solve problems involving the four operations</p> <p>Geometry Distinguish between regular and irregular polygons Use properties of rectangles</p> <p>Number and Statistics Statistics: solve comparison, sum and difference problems using information in a line graph; interpreting and evaluating information presented in charts and tables Roman Numerals</p>