Year 4 Maths Programme of Study

Hailey Church of England Primary School

			We will solve problems involving increasingly harder fractions to calculate quantities and fractions to divide quantities including non unit fractions			
We will read Roman numerals to 100 (I to C) and understand how the numeral system has changed.			We will solve simple measure and money problems involving fractions and decimals to two decimal places.			
We will solve number and practical problems using place value.		We will solve problems involving multiplying and dividing.	We will compare numbers with the same number of decimal places.		We will plot specified points and draw sides to complete a given polygon.	
We will round any number to the nearest 10, 100 or 1000.	We will solve mental calculations with increasingly large numbers.	We will multiply three-digit numbers by a one-digit number.	We will round decimals with 1 decimal place to the nearest whole number.		We will translate shapes.	
We will identify, represent and estimate numbers.	We will solve two-step subtraction problems deciding which operations and methods to use and why.	We will multiply two-digit numbers by a one-digit number.	We will find the effect of ÷ a number by 10 and 100 and identify the value of the digits in the answer.	We will solve problems involving: converting from hours to minutes: minutes to seconds; years to months and weeks to days.	We will describe position on a 2D grid as co-ordinates in the first quadrant.	I use a range of scales when interpreting and presenting data.
We will order and compare numbers beyond 1000.	We will solve two-step addition problems deciding which operations and methods to use and why.	We will recognise and use factor pairs in mental calculations.	We will recognise and write decimal equivalents to 1/4, 1/2, 3/4.	We will read, write and convert time between analogue and digital 12 and 24-hour clocks.	We will complete a simple symmetric figure with respect to a specific line of symmetry.	We will solve 'difference' problems using information presented in bar charts, pictograms, tables and simple line graphs
We will recognise the place value of each digit in a 4-digit number.	We will use inverses to check answers to calculations.	We will multiply together three numbers.	We will recognise and write decimal equivalents of any number of 10ths or 100ths.	We will estimate, compare and calculate different measures, including money in pounds and pence.	We will identify lines of symmetry in 2-D shapes presented in different orientations.	We will solve 'sum' problems using information presented in bar charts, pictograms, tables and simple line graphs.
We will count backwards through zero to include negative numbers.	We will estimate to check answers to calculations.	We will use place value, known and derived facts, to divide mentally.	We will add and subtract fractions with the same denominator	We will find the area of rectilinear shapes by counting.	We will compare and order angles up to two right angles by size	We will solve 'comparison' problems using information presented in bar charts, pictograms, tables and simple line graphs.
We will find 1000 more or less than a given number.	We will subtract numbers with up to 4 digits using efficient written methods.	We will use place value, known and derived facts to multiply mentally.	We will identify, name and write equivalent fractions of a given fraction.	We will measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.	We will identify acute and obtuse angles.	We will interpret and present data using line graphs.
We will count in multiples of 6, 7, 9, 25 and 1000.	We will add numbers with up to 4 digits using efficient written methods	We will recall X and ÷ facts for multiplication tables up to 12X12.	We will count up and down in 100ths and recognise that 100ths arise when dividing an object by 100 and dividing 10ths by 10.	We will convert between different units of measure (e.g. kilometre to metre; hour to minute).	We will compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.	We will interpret and present data using bar charts.
NUMBER, PLACE VALUE & ROUNDING	**ADDITION & SUBTRACTION**	**MULTIPLICATION & DIVISION**	**FRACTIONS & DECIMALS**	**MEASURES**	**GEOMETRY**	**DATA**