

Year 4 Maths			
Term	Summer 2		Objectives
	Consolidation + and – 2 weeks	<ul style="list-style-type: none"> - Add and subtract numbers with up to 4 digits using formal written methods of columnar addition and subtraction where appropriate - Estimate and use inverse operations to check answers to a calculation 	
Summer 1	Decimals (3 Weeks)	<ul style="list-style-type: none"> - Make a whole with tenths, hundreds - Partition decimals, flexibly partition decimals - Compare and order decimals - Round to the nearest whole number, halves and quarters as decimals 	
	Fractions (2 weeks)	<ul style="list-style-type: none"> - Round decimals with one decimal place to the nearest whole number - Compare numbers with the same number of decimal places up to two decimal place - Solve simple measure and money problems involving fractions and decimals to two decimal places 	
	Length and perimeter (2 week)	<ul style="list-style-type: none"> - Convert between different units of measure (e.g. km to m, hr to min) - Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m - Find the area of rectilinear shapes by counting squares 	
	Decimals (2weeks)	<ul style="list-style-type: none"> - Round decimals with one decimal place to the nearest whole number - Tenths as fractions and decimals, on a place value chart and on a number line. - Recognise ad write decimals equivalents of any number of tenths or hundredths 	
Spring 2	Fractions (3 weeks)	<ul style="list-style-type: none"> - Recognise and show, using diagrams, families of common equivalent fractions - Count up and down in hundredths; recognise that hundreds arise when dividing an object by a hundred and dividing tenths by ten - Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number - Add and subtract fractions with the same denominator - Recognise and write decimals equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ - Find the effect of dividing a one- or two-digit number by 10 and 100. Identifying the value of the digits in the answer as ones, tenths and hundredths 	
	Multiplication & Division (3 weeks)	<ul style="list-style-type: none"> - Multiply two-digit and three-digit numbers by a one-digit number using formal written layout - Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects 	
Spring 1	Position & direction (2 week)	<ul style="list-style-type: none"> - Describe positions on a 2-D grid as coordinates in the first quadrant - Describe movements between positions as translations of a given unit to the left/right and up/down - Plot specified points and draw sides to complete a given polygon 	
	Statistics (1 week)	<ul style="list-style-type: none"> - Interpret and present discrete and continuous data using appropriate graphical methods including bar charts and time graphs - Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs 	
	Place Value (2 weeks)	<ul style="list-style-type: none"> - Count backwards through zero to include negative numbers - Identify, represent and estimate numbers using different representatives - Solve number and practical problems that involve all of the above and with increasingly large positive numbers - Read roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero place value 	
Autumn 2	Measurement of time (3week)	<ul style="list-style-type: none"> - Read, write and convert time between analogue and digital 12 and 24 hour clocks - Solve problems involving converting from hrs to min, min to secs, years to months, weeks to days 	
	Multiplication & Division (2 weeks)	<ul style="list-style-type: none"> - Recall multiplication and division facts for multiplication tables up to 12 x 12 - Use place value, known and derived facts to multiply and divide mentally, including; multiplying by 0 and 1; dividing by 1; multiplying together three numbers - Recognise and use factor pairs and commutativity in mental calculations 	
	Shape (2 weeks)	<ul style="list-style-type: none"> - Compare and classify geometric shapes including quadrilaterals and triangles, based on their properties and sizes - Identify acute and obtuse angles and compare and order angles up to two right angles by size - Identify lines of symmetry in 2-D shapes presented in different orientations - Complete a simple symmetric figure with respect to a specific line of symmetry 	
Autumn 1	Money (1 week)	<ul style="list-style-type: none"> - Estimate, compare and calculate different measures, including money in £ and p - Convert between £ and p. Write money as decimals - Solve problems involving money 	
	Addition and Subtraction (3 weeks)	<ul style="list-style-type: none"> - Add and subtract numbers with up to 4 digits using formal written methods of columnar addition and subtraction where appropriate - Estimate and use inverse operations to check answers to a calculation - Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why 	
	Place Value (3 weeks)	<ul style="list-style-type: none"> - Count in multiples of 6, 7, 9, 25 and 100 - Find 1000 more or less than a given number - Count backwards through zero to include negative numbers - Recognise the place value of each digit in a four–digit number (thousands, hundreds, tens and ones) - Order and compare numbers beyond 1000 - Round any number to the nearest 10, 1000 or 1000 	
Term	Topic		Objectives