Year 3 Maths Yearly Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	**Place Value** – recognise the place value of each digit in a three-digit number (hundreds, tens, ones) -compare and order numbers up to 1000	**Number -** add numbers with up to three digits, using formal written methods of columnar addition . estimate the answer to a calculation and use inverse operations to check answers	**Number –** divide using the short method	**Fractions -** recognise and show, using diagrams, equivalent fractions with small denominators	**Measurement -** measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	Measurement - know the number of seconds in a minute and the number of days in each month, year and leap year compare durations of events [for example to calculate the time taken by particular events or tasks].
Week 2	**Place Value** – recognise the place value of each digit in a three-digit number (hundreds, tens, ones) -compare and order numbers up to 1000	**Number -** add numbers with up to three digits, using formal written methods of columnar addition solve problems, including missing number problems, using number facts, place value, and more complex addition	**Number** solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.	**Fractions -** compare and order unit fractions, and fractions with the same denominators	**Measurement -** measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	**Geometry -** draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them
Week 3	**Place Value** -count from 0 in multiples of 100; -find 10 or 100 more or less than a given number	**Number** subtract numbers with up to three digits, using formal written methods of columnar subtraction estimate the answer to a calculation and use inverse operations to check answers	**Fractions -** count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one -digit numbers or quantities by 10	**Measurement** add and subtract amounts of money to give change, using both £ and p in practical contexts	**Measurement-** measure the perimeter of simple 2-D shapes .	**Geometry -** recognise angles as a property of shape or a description of a turn identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle
Week 4	**Place Value** -count from 0 in multiples of 50 and 100; -find 10 or 100 more or less than a given number	**Number -** subtract numbers with up to three digits, using formal written methods of columnar subtraction solve problems, including missing number problems, using number facts, place value, and more complex subtraction	**Fractions -** recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	**Measurement** add and subtract amounts of money to give change, using both £ and p in practical contexts	**Measurement -**tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks	**Geometry -** identify horizontal and vertical lines and pairs of perpendicular and parallel lines.
Week 5	**Place Value/Number** -identify, represent and estimate numbers using different representations -read and write numbers up to 1000 in numerals and in words	**Number -** write and calculate mathematical statements for multiplication using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	**Fractions -** add and subtract fractions with the same denominator	**Statistics -** interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.	**Measurement -**estimate and read time with increasing accuracy to the nearest minute;	**Number -** solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.
Week 6	**Number** add and subtract numbers mentally, including: -a three-digit number and ones - a three-digit number and tens - a three-digit number and hundreds	**Number -** Number – divide using the short method	**Fractions -** add and subtract fractions with the same denominator	**Statistics -** solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	**Measurement**-record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight	**Number -** solve problems, including missing number problems, using number facts, place value, and more complex subtraction