

## Year 3 Yearly Overview: Term by Term Objectives

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Autumn 1	Number: Place Value			Number: Addition and Subtraction			Autumn 2	Number: Place Value			Number: Multiplication and Division		
	Geometry: 2D and 3D shapes			Measurement: Length and Perimeter				Geometry: Angles			Measurement: Time		
Spring 1	Number: Fractions			Number: Place Value			Spring 2	Number: Addition and Subtraction			Number: Multiplication and Division		
	Geometry: Lines			Measurement: Mass				Statistics			Measurement: Time		
Summer 1	Number: Fractions			Number: Multiplication and Division			Summer 2	Number: Four Operation (Problem Solving)			Number: Four Operation (Problem Solving)		
	Geometry: Shape			Measurement: Volume/Capacity				Statistics			Measurement: Money		

## Year 3 Yearly Overview: Term by Term Objectives

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Autumn 1	<u>Number: Place Value</u>  Identify, represent and estimate numbers using different representations  Find 10 or 100 more or less than a given number; recognise the place value of each digit in a three digit number (hundreds, tens and ones)  Compare and order numbers up to 1000  Read and write numbers up to 1000 in numerals and words			<u>Number: Addition and Subtraction</u>  Add and subtract numbers mentally, including: a 3-digit number and ones; a 3-digit number and tens; a 3-digit number and hundreds  Add and subtract numbers with up to 3-digits, using formal written methods of columnar addition and subtraction			Autumn 2	<u>Number: Place Value</u>  Identify, represent and estimate numbers using different representations  Find 10 or 100 more or less than a given number; recognise the place value of each digit in a three digit number (hundreds, tens and ones)  Compare and order numbers up to 1000  Read and write numbers up to 1000 in numerals and words  Solve number problems and practical problems involving these ideas  Count from 0 in multiples of 50 and 100			<u>Number: Multiplication and Division</u>  Recall and use multiplication and division facts for 3, 4 and 8 times tables  Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs  Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context  Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot		
	<u>Geometry: 2D and 3D Shapes</u>  Draw 2D shapes and make 3D shapes using modelling materials  Recognise 3D shapes in different orientations and describe them			<u>Measurement: Length and Perimeter</u>  Measure, compare, add and subtract lengths (m/cm/mm)  Measure the perimeter of simple 2D shapes				<u>Geometry: Angles</u>  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			<u>Measurement: Time</u>  Tell and write the time from an analogue clock, including using Roman numerals and 12-hour and 24-hour clocks  Estimate and read time with increasing accuracy to the nearest minute		

## Year 3 Yearly Overview: Term by Term Objectives

Spring 1	<u>Number: Fractions</u>  Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators  Recognise, find and write fractions of a discrete set of objects: unit fraction and non-unit fractions with small denominators  Count up and down in tenths  Recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities of 10	<u>Number: Place Value</u>  Identify, represent and estimate numbers using different representations  Find 10 or 100 more or less than a given number; recognise the place value of each digit in a three digit number (hundreds, tens and ones)  Compare and order numbers up to 1000  Read and write numbers up to 1000 in numerals and words  Solve number problems and practical problems involving these ideas  Count from 0 in multiples of 50 and 100	Spring 2	<u>Number: Addition and Subtraction</u>  Add and subtract numbers mentally, including: a 3-digit number and ones; a 3-digit number and tens; a 3-digit number and hundreds  Add and subtract numbers with up to 3-digits, using formal written methods of columnar addition and subtraction  Estimate the answer to a calculation and use inverse operations to check answers  Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction  Add and subtract amounts of money to give change, using both £ and p in practical contexts.	<u>Number: Multiplication and Division</u>  Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables  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  Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for 2-digit numbers times 1-digit numbers, using mental and progressing to formal written methods
	<u>Geometry: Lines</u>  Identify horizontal and vertical lines and pairs of perpendicular and parallel lines	<u>Measurement: Mass</u>  Measure, compare, add and subtract mass (kg/g)		<u>Statistics</u>  Interpret and present data using bar charts, pictograms and tables  Solve 1-step and 2-step questions (For example, How many more? How many fewer?) using information presented in scaled bar charts and pictograms and tables.	<u>Measurement: Time</u>  Tell and write the time from an analogue clock, including using Roman numerals and 12-hour and 24-hour clocks  Estimate and read time with increasing accuracy to the nearest minute; Record and compare time in terms of seconds, minutes and hours  Compare durations of events

## Year 3 Yearly Overview: Term by Term Objectives

Summer 1	<u>Number: Fractions</u>  Recognise and show, using diagrams, equivalent fractions with small denominators  Add and subtract fractions with the same denominator within one whole  Compare and order unit fractions, and fractions with the same denominators  Solve problems that involve all of the above	<u>Number: Multiplication and Division</u>  Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables  Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs	Summer 2	<u>Number: Four Operation (Problem Solving)</u>  Estimate the answer to a calculation and use inverse operations to check answers  Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction  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	<u>Number: Four Operation (Problem Solving)</u>  Estimate the answer to a calculation and use inverse operations to check answers  Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction  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
	<u>Geometry: Shape</u>	<u>Measurement: Volume/Capacity</u>  Measure, compare, add and subtract volume/capacity (l/ml)		<u>Statistics</u>	<u>Measurement: Money</u>