

Term	Strand	National Curriculum 2014 Objectives	Focus	Sequence
Autumn 1	Number and Place Value	<ul style="list-style-type: none"> identify, represent and estimate numbers to 1000 using different representations recognise the place value of each digit in a three-digit number (hundreds, tens, ones) compare and order numbers up to 1000 read and write numbers up to 1000 in numerals and in words count from 0 in multiples of 100 find 10 or 100 more or less than a given number solve number problems and practical problems involving these ideas count from 0 in multiples of 4, 8 50 and 100 	Numbers to 1000	<ul style="list-style-type: none"> Counting in Hundreds Counting in Hundreds, Tens and Ones Place Value Comparing and Ordering numbers Counting in Fifties Number Patterns Counting in Fours and Eights
	Addition and Subtraction	<ul style="list-style-type: none"> add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction estimate the answer to a calculation and use inverse operations to check answers 	Addition and subtraction – 3 digit numbers	<ul style="list-style-type: none"> Addition and Subtraction Facts Simple Adding Adding with Regrouping Simple Subtracting Subtracting with Regrouping Using models Addition and subtraction word problems
Autumn 2	Multiplication and division	<ul style="list-style-type: none"> recall and use multiplication and division facts for the 3 and 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. 	Multiplication of 2, 4 and 8 Multiplication of 3	<ul style="list-style-type: none"> Multiplication As Equal Groups 2 Times Table 4 Times Table 8 Times Table Links between the 2, 4 and 8 Times Table Multiplying by 3 Solving Word Problems
	Multiplication and division	<ul style="list-style-type: none"> recall and use multiplication and division facts for the 3 and 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 	Multiplication and Division of 2, 3, 4 and 8	<ul style="list-style-type: none"> Grouping and Sharing Dividing by 2, 4 and 8 Dividing by Multiplication and Division Solving Word Problems
	Measurement	<ul style="list-style-type: none"> tell and write the time from an analogue clock, including using Roman numerals from I to XII, 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, hours and o'clock use vocabulary such as o'clock, a.m/p.m, morning, afternoon and midnight 	Time	<ul style="list-style-type: none"> Telling the Time Measuring and Comparing Time in Seconds Measuring Time in Seconds Measuring Time in Hours Measuring Time in Minutes

		<ul style="list-style-type: none"> 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] 		<ul style="list-style-type: none"> Changing Minutes to Seconds Changing Seconds to Minutes Finding Number of Days
Spring 1	Statistics	<ul style="list-style-type: none"> interpret and present data using bar charts, pictograms and tables • solve one-step and two-step questions such as ‘How many more?’ ‘How many fewer?’ Using information presented in scaled charts and pictograms and tables 	Graphs	<ul style="list-style-type: none"> Drawing Picture Graphs Drawing Bar Graphs Reading Bar Graphs Solving Problems
	Multiplication and division	<ul style="list-style-type: none"> 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 that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods recall and use multiplication and division facts for the 3 and 4 multiplication tables 	Multiplication and division	<ul style="list-style-type: none"> Multiplying 2-Digit Numbers Multiplying with Regrouping Dividing 2-Digit Numbers Dividing with Regrouping Solving Word Problems
Spring 2	Measurement	<ul style="list-style-type: none"> add and subtract amounts of money to give change, using both £ and p in practical contexts 	Money	<ul style="list-style-type: none"> Naming Amounts of Money Showing Amounts of Money Adding Money Subtracting Money Calculating Change Solving Word Problems
	Fractions	<ul style="list-style-type: none"> 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 fractions 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 one-digit numbers or quantities by 10 recognise and show, using diagrams, equivalent fractions with small denominators add and subtract fractions with the same denominator within one whole [e.g. five sevenths plus 1 seventh equals six sevenths] compare and order unit fractions, and fractions with the same denominators solve problems that involve all of the above 	Fractions	<ul style="list-style-type: none"> Counting in Tenths Making Number Pairs Adding Fractions Subtracting Fractions Finding Equivalent Fractions Finding the Simplest Fraction Comparing Fractions Finding Part of a Set Finding the Fraction of a Number Sharing One Sharing More Than 1 Solving Word Problems
Summer 1	Measurement	<ul style="list-style-type: none"> measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) measure the perimeter of simple 2-D shapes solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction 	Length and perimeter	<ul style="list-style-type: none"> Writing Length in Metres and Centimetres Writing Length in Centimetres Writing Length in Meters

				<ul style="list-style-type: none"> • Writing Length in Kilometres and Metres • Comparing Length • Solving Word Problems • Measuring Total Length Around a Shape • Measuring Perimeter • Calculating Perimeter
	Measurement	<ul style="list-style-type: none"> • measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) • solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction 	Mass and Volume	<ul style="list-style-type: none"> • Reading Weighing Scales • Solving Word Problems • Measuring Volume in Millilitres • Measuring Capacity in millilitres • Measuring Volume in Millilitres and Litres • Measuring Capacity in Millilitres and Litres • Writing Volume in Litres and Millilitres • Writing Capacity in Litres and Millilitres • Solving Word Problems
Summer 2	Addition, Subtraction, Multiplication and division	<ul style="list-style-type: none"> • consolidation and application opportunities 	Exploring calculation strategies	<ul style="list-style-type: none"> • Problem solving
	Geometry – Properties of shape	<ul style="list-style-type: none"> • recognise that angles are 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 • identify horizontal and vertical lines and pairs of perpendicular and parallel lines • draw 2-D shapes and make 3-D shapes using modelling materials • recognise 3-D shapes in different orientations and describe them • measure the perimeter of simple 2-D shapes 	Angles and shape	<ul style="list-style-type: none"> • Making Angles • Finding Angles in Shapes • Finding Right Angles • Comparing Angles • Making Turns