Year 2/3 – Yearly Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value			Number: Addition and Subtraction					Number: Multiplication and Division			Consolidation
Spring	Number: Multiplication and Division		Measurement: Money	Statistics			Measurement: Length, Height and Perimeter		Number: Fractions			Consolidation
Summer	Geometry: Properties of Shape and Position and direction				Year 2: SATS Year 3: Fractions		Measurement: Time			Measurement: Mass, Capacity and Temperature		Consolidation

Year 2/3 – Autumn Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number – Place Value Count in steps of 2, 3 and 5 from 0 and in tens from any number, forward and backward. Count from 0 in multiples of 4, 8, 50 and 100 Read and write numbers to at least 100 in numerals and words. **Read and write numbers up to 1,000 in numerals and in words.** Recognise the place value of each digit in a two digit number (tens, ones) **Recognise the place value of each digit in a 3-digit number.** Identify, represent and estimate numbers to 100 using different representations including the number line. **Identify, represent and estimate numbers using different representations.** Compare and order numbers from 0 up to 100; use <, > and = signs. **Order and compare numbers to 1000.** **Find 10 or 100 more or less than a given number.** Use place value and number facts to solve problems. **Solve number problems and practical problems involving these ideas.**			Number – Addition and Subtraction Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100. Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two digit number and ones; a two digit number and tens; two two digit numbers; adding three one digit numbers. **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** Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods. **Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.** Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. **Estimate the answer to a calculation and use inverse operations to check answers.**			Multiplication and Division Count from 0 in multiples of 4, 8, 50 and 100 Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers. **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 (=) sign. Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods. Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts. **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.**			Consolidation

Year 2/3 – Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number: Multiplication and Division Recall and use multiplication and division facts for the 2, 5 and 10 times tables,. **Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.** Calculate mathematical statements for multiplication and division and write them using the multiplication (x), division (÷) and equals (=) sign. **Write and calculate mathematical statements for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.** Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts. **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.**		Measurement: Money Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value. Find different combinations of coins that equal the same amounts of money. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. **Add and subtract amounts of money to give change, using both £ and p in practical contexts.**		Statistics Interpret and construct simple pictograms, tally charts, block diagrams and simple tables. **Interpret and present data using bar charts, pictograms and tables.** Ask answer simple questions by counting the number of objects in each category and sorting the categories by quantity. Ask and answer questions about totalling and comparing categorical data. **Solve one-step and two-step questions (for example, 'How many more?' and 'How many fewer?') using information presented in scaled bar charts and pictograms and tables.**		Measurement: Length, Height and Perimeter Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using >, < and = **Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).** **Measure the perimeter of simple 2D shapes.**		Number: Fractions Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity. **Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.** Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$. **Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.** **Recognise and show, using diagrams, equivalent 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** **Solve problems that involve all of the above.**			Consolidation

Year 2/3 – Summer Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Geometry: Properties of Shape and Position and Direction Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. **Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.** Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces. **Recognise 3-D shapes in different orientations and describe them.** Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid.] **Draw 2-D shapes and make 3-D shapes using modelling materials.** Compare and sort common 2-D and 3-D shapes and everyday objects. **Order and arrange combinations of mathematical objects in patterns and sequences** 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. **Use mathematical vocabulary to describe position, direction and movement including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).**				Year 2: SATS Year 3: Fractions **Compare and order unit fractions, and fractions with the same denominators.** **Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7}+\frac{1}{7}=\frac{6}{7}$]** **Solve problems that involve all of the above.**		Measurement: Time Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times. **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.** Know the number of minutes in an hour and the number of hours in a day. **Know the number of seconds in a minute and the number of days in each month, year and leap year.** Compare and sequence intervals of time. **Record and compare time in terms of seconds, minutes and hours.** **Compare durations of events [for example to calculate the time taken by particular events or tasks].** **Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.**			Measurement: Mass, Capacity and Temperature Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using >, < and = **Measure, compare, add and subtract:** lengths (m/cm/mm); **mass (kg/g); volume/capacity (l/ml).**	Investigations