Class 2 —Curriculum Overview 1, 2

	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 14 weeks	Place Value				Addition and Subtraction			Multiplication & Division			Shape – 2D and 3D Graphs/statistics	
Spring 12 weeks	Place Value		Money		Multiplication & Division			Fractions			Position & direction	
Summer 12 weeks	Time		Number: four operations					Measurement: Length and Height		Measurement: Weight & Volume, Temperature	Consolidation and application	

Class 2 –Curriculum Overview 1, 2

	Week 1 – 4 Place Value	Week 5-7 Addition & Subtraction	Week 8-10 Multiplication & Division	Week 11-12 Shape (2D and 3D) Statistics - Graphs
Autumn Term 13 weeks	Count to ten, forwards and backwards, beginning with 0 or 1, or from any given number. Count to twenty, forwards and backwards, beginning with 0 or 1, from any given number. Count in multiples of twos Count in multiples of five. Count to 40 forwards and backwards, begin with 0 or 1 or any number. *Count in steps of 2, 3 and 5 from 0 and in tens from any number, forward and backward.* Count, read and write numbers to 10 in numerals and words. Count, read and write numbers from 1 to 20 in numerals and words. Count, read and write numbers from 1-40 in numerals and words. *Read and write numbers to at least 100 in numerals and words.* *Recognise the place value of each digit in a two digit number (tens, ones)* Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least. *Identify, represent and estimate numbers to 100 using different representations including the number line.* Given a number, identify 1 more or 1 less. Given a number, identify one more or one less. *Compare and order numbers from 0 up to 100; use <, > and = signs.* *Use place value and number facts to solve problems.*	Represent and use number bonds and related subtraction facts (within 10) Represent and use number bonds and related subtraction facts within 20. Add and subtract one digit and two digit numbers to 20, including zero. *Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.* Add and subtract one digit numbers (to 10), including zero. *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.* Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs. Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems such as 7= ? – 9. *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.* *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.*	Count in multiples of twos, fives and tens. Solve one step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. *Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.* *Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.* *Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.* *Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot*	Recognise and name common 2D and 3D shapes, including rectangles, squares, circles and triangles, cuboids, pyramids and spheres. *Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.* *Compare and sort common 2D shapes and everyday objects.* *Order and arrange combinations of mathematical objects in patterns and sequences.* Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces. Identify 2D shapes on the surface of 3D shapes, [for example, a circle on a cylinder and a triangle on a pyramid.] Compare and sort common 3D shapes and everyday objects. Order and arrange combinations of mathematical objects in patterns and sequences. *Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.* *Ask+ answer simple questions by counting the number of objects in each category and sorting the categories by quantity.*

Class 2 – Curriculum Overview 1, 2

	Week 1 – 2 Place Value	Week 3-4 Money	Week 5-7 Multiplication & Division	Week 8-10 Fractions	Week 11-12 Position & Direction
Spring Term 12 weeks	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. Count, read and write numbers from 1-100 in numerals and words. Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. Count in steps of 2, 3 and 5 from 0 and in tens from any number, forward and backward. Count, read and write numbers from 1-100 in numerals and words. Recognise the place value of each digit in a two digit number (tens, ones) Read and write numbers to at least 100 in numerals and words. Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than, most, least. Identify, represent and estimate numbers to at least 100 using different representations including the number line. Given a number, identify one more and one less. Compare and order numbers from 0 up to at least 100; use <, > and = signs. Use place value and number facts to solve problems.	Recognise and know the value of different denominations of coins and notes. Recognise and use symbols of pounds (£) and pence (p); combine amounts to make a particular value. Find different combinations of coins that equal the same amounts of money. Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.	Count in multiples of twos, fives and tens. Solve one step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers. Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign. Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts. Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot	Recognise, find and name a half as one of two equal parts of an object, shape or quantity. Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. Recognise, find, name and write fractions 1/3 ¼ ,2/4 and ¾ of a length, shape, set of objects or quantity. Write simple fractions for example, ½ of 6 = 3 Recognise the equivalence of 2/4 and ½	Describe position, direction and movement, including whole, half, quarter and three quarter turns. 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)

Class 2 —Curriculum Overview 1, 2

	Week 1 – 2 Time	Week 3-6 Four Operations	Week 7-8 Measurement – Length & Height	Week 9-10 Measurement – Weight, volume, temperature	Week 11-12 Consolidation & Application
Summer Term 13 weeks	Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. **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.** Recognise and use language relating to dates, including days of the week, weeks, months and years. **Know the number of minutes in an hour and the number of hours in a day.** Compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later] and measure and begin to record time (hours, minutes, seconds) **Compare and sequence intervals of time.** Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening.	Represent and use number bonds and related subtraction facts within 20. **Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.** Add and subtract one digit and two digit numbers to 20, including zero. **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.** Read, write and interpret mathematical statements involving addition (+), subtraction (-), multiplication (x) and division (÷) and equals (=) signs. **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.** Solve one step problems that involve the four operations, using concrete objects and pictorial representations, and missing number problems. **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.** Count in multiples of twos, fives and tens **Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.** **Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts. .**	Compare, describe and solve practical problems for: lengths and heights for example, long/short, longer/shorter, tall/short, double/half **Compare and order length and record the results using >, < and =.** Measure and begin to record lengths and heights. **Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm), using rulers and scales.**	Compare, describe and solve practical problems for mass/weight [for example, heavy/light, heavier than, lighter than]; capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] Measure and begin to record mass/weight, capacity and volume. **Choose and use appropriate standard units to estimate and measure capacity (litres/ml, mass (kg/g) and temperature (oC) to the nearest appropriate unit, using thermometers, scales and measuring vessels.** **Compare and order volume/capacity/mass and record the results using >, < and =.**	*Follow own fascinations in mathematics using investigative learning.*

Class 2 —Curriculum Overview 1, 2