Maths Long Term Plan and Assessment Schedule

	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	Place Value within 10 - count to and across, forwards and backwards, beginning with 0 or 1, or from any given number - count, read and write numbers to 100 in numerals - read and write numbers from 1 to 20 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 (fewer), most, least - given a number, identify one more and one less - count in multiples of twos, fives and tens					Addition and Subtraction 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 - 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				Shape recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles]; 3-D shapes [for example, cuboids (including cubes), pyramids and spheres	Place Value within 20 - count to and across, forwards and backwards, beginning with 0 or 1, or from any given number - count, read and write numbers to 100 in numerals - read and write numbers from 1 to 20 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 (fewer), most, least - given a number, identify one more and one less - count in multiples of twos, fives and tens	
		Baseline Assessment			Number bonds to 10 Assessment			Place value (within 10) Assessment	Number bonds to 20 Assessment		Addition and subtraction (within 10) Assessment	Autumn term progress checks Paper 1 – Arithmetic Paper 2 - Reasoning

	1	2	3	4	5	6	7	8	9	10	11	12
Spring	Continue place value within 20	**Addition and Subtraction within 20** • represent and use number bonds and related subtraction facts within 20 • add and subtract one-digit and two-digit numbers to 20, including zero • 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			**Place Value within 50** • count to and across, forwards and backwards, beginning with 0 or 1, or from any given number • count, read and write numbers to 100 in numerals • read and write numbers from 1 to 20 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 (fewer), most, least • given a number, identify one more and one less • count in multiples of twos, fives and tens		**Measurement Length and Height** • measure and begin to record the following: lengths and heights; mass/weight; capacity and volume; time (hours, minutes, seconds) • compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]; 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]; time (quicker/slower, earlier/later)		**Measurement Mass and Volume** • measure and begin to record the following: lengths and heights; mass/weight; capacity and volume; time (hours, minutes, seconds) • compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]; 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]; time (quicker/slower, earlier/later)		**Multiplication and Division** • 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 • 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 • 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
			Place value (within 20) Assessment			Addition and Subtraction within 20 Assessment		Place value within 50 Assessment		Measurement: Length and Height Assessment	Measurement: Mass and volume Assessment	Spring term progress checks Paper 1 – Arithmetic Paper 2 - Reasoning

	1	2	3	4	5	6	7	8	9	10	11	12
Summer	Continue Multiplication and division	**Fractions** • 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		**Position and Direction** • describe position, direction and movement, including whole, half, quarter and three-quarter turns	**Place Value within 100** • count to and across, forwards and backwards, beginning with 0 or 1, or from any given number • count, read and write numbers to 100 in numerals • read and write numbers from 1 to 20 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 (fewer), most, least • given a number, identify one more and one less count in multiples of twos, fives and tens		**Measurement Money** • recognise and know the value of different denominations of coins and notes • solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = □ − 9		**Measurement Time** • tell the time to the hour and half past 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 • compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later] and measure and begin to record time (hours, minutes, seconds) • sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]		Consolidation	
			Multiplication and division Assessment	Fractions Assessment	Position and direction Assessment	**Summer term progress checks** **Paper 1 – Arithmetic** **Paper 2 - Reasoning**	Place value within 100 Assessment	Money Assessment		Time Assessment		