



Autumn Term		Block 1 Number: Place Value (within 10)	Block 2 Number: Addition and Subtraction	Block 3 Geometry: Shape	Block 4 Number: Place Value (within 10)
Knowledge and Skills		<ul style="list-style-type: none"> Sort objects. Count objects. Represent objects. Count, read and write forwards from any number 0 to 10. Count, read and writing backwards from any number 0 to 10. Count one more. Count one less. One to one correspondence to start to compare groups. Compare groups using language such as equal, more/greater, less/fewer. Introduce = , > and < symbols. Compare numbers. Order groups of objects. Order numbers. Ordinal numbers (1st, 2nd, 3rd). The number line. 	<ul style="list-style-type: none"> Part whole model. Addition symbol. Fact families – Addition facts. Find number bonds for numbers within 10. Systematic methods for number bonds within 10. Number bonds to 10. Compare number bonds. Addition: Adding together. Addition: Adding more. Finding a part. Subtraction: Taking away, how many left? Crossing out. Subtraction: Taking away, how many left? Introducing the subtraction symbol. Subtraction: Finding a part, breaking apart. Fact families – The 8 facts. Subtraction: Counting back. Subtraction: Finding the difference. Comparing addition and subtraction statements $a + b > c$. Comparing addition and subtraction statements $a + b > c + d$. 	<ul style="list-style-type: none"> Recognise and name 3D shapes. Sort 3D shapes. Recognise and name 2D shapes. Sort 2D shapes. Patterns with 3D and 2D shapes. 	<ul style="list-style-type: none"> Count forwards and backwards and write numbers to 20 in numerals and words. Numbers from 11 to 20. Tens and ones. Count one more and one less. Compare groups of objects. Compare numbers. Order groups of objects. Order numbers.
National Curriculum Links		<ul style="list-style-type: none"> Count to ten, forwards and backwards, beginning with 0 or 1, or from any given number. Count, read and write numbers to 10 in numerals and words. Given a number, identify one more or one less. 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. 	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 10. Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs. Add and subtract one digit numbers to 10, including zero. Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems. 	<ul style="list-style-type: none"> Recognise and name common 2-D shapes, including: (e.g. rectangles (including squares), circles and triangles). Recognise and name common 3-D shapes, including: (e.g. cuboids (including cubes), pyramids and spheres). 	<ul style="list-style-type: none"> Count to twenty, forwards and backwards, beginning with 0 or 1, from any given number. Count, read and write numbers to 20 in numerals and words. Given a number, identify one more or one less. 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.
TAF Statements	WTS	<ul style="list-style-type: none"> Read and write numbers in numerals (to 10). 	<ul style="list-style-type: none"> Add and subtract (one digit numbers) explaining their method verbally in pictures or using apparatus. Recall at least four of the six number bonds for 10 and reason about associated facts. 	<ul style="list-style-type: none"> Name some common 2D and 3D shapes from a group of shapes or from pictures of the shapes and describe some of their properties. 	<ul style="list-style-type: none"> Read and write numbers in numerals (to 20). Partition a two-digit number into tens and ones and demonstrate an understanding of place value, though they may use structured resources to support them.
	EXS	<ul style="list-style-type: none"> Read scales in divisions (of ones). 	<ul style="list-style-type: none"> Recall all the number bonds to and within 10, and use these to reason with. 	<ul style="list-style-type: none"> Name and describe properties of 2D and 3D shapes. 	<ul style="list-style-type: none"> Partition two digit numbers into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus.
	GDS	<ul style="list-style-type: none"> Read scales where not all numbers on the scale are given and estimate points in between. Solve unfamiliar word problems that involves more than one step. Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. 	<ul style="list-style-type: none"> Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. Solve unfamiliar word problems that involves more than one step. 	<ul style="list-style-type: none"> Describe the similarities and differences of 2D and 3D shapes, using their properties. 	<ul style="list-style-type: none"> Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. Solve unfamiliar word problems that involve more than one step.



Spring Term					
	Block 1 Number: Addition and Subtraction	Block 2 Number: Place Value (within 50) (including multiples of 2, 5 and 10)	Block 3 Measurement: Length and Height	Block 4 Measurement: Weight and Volume	
Knowledge and Skills	<ul style="list-style-type: none"> Add by counting on. Find and make number bonds. Add by making 10. Subtraction – Not crossing 10. Subtraction – Crossing 10 (1). Subtraction – Crossing 10 (2). Related Facts. Compare Number Sentences. 	<ul style="list-style-type: none"> Numbers to 50. Tens and ones. Represent numbers to 50. One more one less. Compare objects within 50. Compare numbers within 50. Order numbers within 50. Count in 2s. Count in 5s. 	<ul style="list-style-type: none"> Compare lengths and heights. Measure length (1). Measure length (2). 	<ul style="list-style-type: none"> Introduce weight and mass. Measure mass. Compare mass. Introduce capacity. Measure capacity. Compare capacity. 	
National Curriculum Links	<ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20. Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs. Add and subtract one-digit and two-digit numbers to 20, including zero. Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$. 	<ul style="list-style-type: none"> Count to 50 forwards and backwards, beginning with 0 or 1, or from any number. Count, read and write numbers to 50 in numerals. Given a number, identify one more or one less. 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. Count in multiples of twos, fives and tens. 	<ul style="list-style-type: none"> Measurement: Length and Height Measure and begin to record lengths and heights. Compare, describe and solve practical problems for: lengths and heights (for example, long/short, longer/shorter, tall/short, double/half). 	<ul style="list-style-type: none"> Measurement: Weight and Volume Measure and begin to record mass/weight, capacity and volume. 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]. 	
TAF Statements	WTS	<ul style="list-style-type: none"> Add and subtract (one digit numbers) explaining their method verbally in pictures or using apparatus. Recall at least four of the six number bonds for 10 and reason about associated facts. 	<ul style="list-style-type: none"> Read and write numbers in numerals (to 50). Partition a two-digit number into tens and ones and demonstrate and understanding of place value, though they may use structured resources to support them. 	N/A	N/A
	EXS	<ul style="list-style-type: none"> Recall all the number bonds to and within 10. and use these to reason with and calculate bonds to and within 20, recognising other associated additive relationships. 	<ul style="list-style-type: none"> Read scales in divisions of ones, twos, fives. Partition two digit numbers into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus. 	N/A	N/A
	GDS	<ul style="list-style-type: none"> Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. Solve unfamiliar word problems that involves more than one step. 	<ul style="list-style-type: none"> Read scales where not all numbers on the scale are given and estimate points in between. Solve unfamiliar word problems that involves more than one step. 	<ul style="list-style-type: none"> Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. Solve unfamiliar word problems that involves more than one step. 	<ul style="list-style-type: none"> Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. Solve unfamiliar word problems that involves more than one step.



Summer Term							
	Block 1 Number: Multiplication and (including multiples of 2, 5 and 10)	Block 2 Number: Fractions	Block 3 Geometry: Position and Direction	Block 4 Number: Place Value (within 100)	Block 5 Measurement: Money	Block 6 Measurement: Time	
Knowledge and Skills	<ul style="list-style-type: none"> Count in 10s. Make equal groups. Add equal groups. Make arrays. Make doubles. Make equal groups – grouping. Make equal groups – sharing. 	<ul style="list-style-type: none"> Halving shapes or objects. Halving a quantity. Find a quarter of a shape or object. Find a quarter of a quantity. 	<ul style="list-style-type: none"> Describe turns. Describe Position (1). Describe Position (2). 	<ul style="list-style-type: none"> Counting to 100. Partitioning numbers. Comparing numbers (1). Comparing numbers (2). Ordering numbers. One more, one less. 	<ul style="list-style-type: none"> Recognising coins. Recognising notes. Counting in coins. 	<ul style="list-style-type: none"> Before and after. Dates. Time to the hour. Time to the half hour. Writing time. Comparing time. 	
National Curriculum Links	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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. Compare, describe and solve practical problems for: lengths and heights (for example, long/short, longer/shorter, tall/short, double/half) 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]. 	<ul style="list-style-type: none"> Describe position, direction and movement, including whole, half, quarter and three quarter turns 	<ul style="list-style-type: none"> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. Count, read and write numbers to 100 in numerals. Given a number, identify one more and one less. 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. 	<ul style="list-style-type: none"> Recognise and know the value of different denominations of coins and notes. 	<ul style="list-style-type: none"> Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening. Recognise and use language relating to dates, including days of the week, weeks, months and years. Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. Compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later]. Measure and begin to record time (hours, minutes, seconds). 	
TAF Statements	WTS	<ul style="list-style-type: none"> Count in 2s, 5s and 10s from 0 and use this to solve problems. 	N/A	N/A	<ul style="list-style-type: none"> Read and write numbers in numerals (to 50). Partition a two-digit number into tens and ones and demonstrate understanding of place value, though they may use structured resources to support them. 	<ul style="list-style-type: none"> Know the value of different coins. 	<ul style="list-style-type: none"> Read the time on a clock
	EXS	<ul style="list-style-type: none"> Recall multiplication and division facts for 2 and 10 and use them to solve simple problems, demonstrating and understanding of the commutativity as necessary. 	<ul style="list-style-type: none"> Identify $\frac{1}{4}$ of a number or shape and know that all the parts must be equal parts of the whole. 	N/A	<ul style="list-style-type: none"> Read scales in divisions of ones, twos, fives. Partition two digit numbers into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus. 	<ul style="list-style-type: none"> Use different coins to make the same amount. 	<ul style="list-style-type: none"> Read the time on a clock (to half an hour)
	GDS	<ul style="list-style-type: none"> Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. Solve unfamiliar word problems that involves more than one step. 	<ul style="list-style-type: none"> Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. Solve unfamiliar word problems that involves more than one step. 	<ul style="list-style-type: none"> Solve unfamiliar word problems that involves more than one step. Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. 	<ul style="list-style-type: none"> Read scales where not all numbers on the scale are given and estimate points in between. Solve unfamiliar word problems that involves more than one step. Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. 	<ul style="list-style-type: none"> Solve unfamiliar word problems that involves more than one step. Use reasoning about numbers and relationships to solve more complex problems and explain their thinking. 	<ul style="list-style-type: none"> Solve unfamiliar word problems that involves more than one step. Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.