Mathematics Curriculum Progression – Year 1

	Autumn 1	Autumn 2	Spring 1
Fluency and Arithmetic	Number Sense - Stage 1 Subitising 1-5 Subitising 1-6 Subitising 1-10 Stage 1 Consolidation Number Sense - Stage 2 Make and Break 5 Make and Break 4,3 and 2 Make and Break 10	Number Sense - Stage 2 Make and Break 6 Make and Break 7 Make and Break 8 Make and Break 9 Stage 2 Consolidation	Number Sense - Stage 3 One More, One Less Two More, Two Less Number 10 Fact Families Five and a Bit
	Spring 2	**Summer 1**	**Summer 2**
	Number Sense - Stage 3 5 and a Bit Know about Zero Doubles and Near Doubles	Number Sense - Stage 3 Number Neighbours 7 Tree and 9 Square Strategy Selection	Number Sense - Stage 4 Ten and a Bit Additional Practice and Consolidation

Ready to Progress Criteria National Curriculum Objective

	Autumn Term 1	Autumn Term 2	Spring 1
	Place Value (3 weeks) *Count within 100, forwards and backwards, starting with any number. Reason about the location of numbers to 20 within the linear number system, including comparing using < >and =* To 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 To read and write numbers from 1 to 20 in numerals and words. To use a given a number, identify 1 more and 1 less *Count forwards and backwards in multiples of 2, 5 and 10, up to 10 multiples, beginning with any multiple, and count forwards and backwards through the odd numbers* **Addition and Subtraction, (2 weeks)** *Develop fluency in addition and subtraction facts within 10* *Compose numbers to 10 from 2 parts, and partition numbers to 10 into parts, including recognising odd and even numbers.* *Read, write and interpret equations containing addition ( ), subtraction ( ) and equals ( ) symbols, and relate additive expressions and equations to real-life contexts* To represent and use number bonds and related subtraction facts within 20	**Multiplication and Division (2 weeks)** To 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. To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. **Shape (3 weeks – 1 week 2D, 1 week 3D, 1 week fraction of shape)** *Recognise common 2D and 3D shapes presented in different orientations, and know that rectangles, triangles, cuboids and pyramids are not always similar to one another.* *Compose 2D and 3D shapes from smaller shapes to match an example, including manipulating shapes to place them in particular orientations.* To recognise, find and name a half as 1 of 2 equal parts of an object or shape To recognise, find and name a quarter as 1 of 4 equal parts of an object or shape **Number and Place Value (1 week)** To count, read and write numbers to 100 in numerals To 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	**Multiplication and Division (2 weeks)** To 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. To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. **Fraction of number (2 weeks)** To recognise, find and name a half as 1 of 2 equal parts of a quantity To recognise, find and name a quarter as 1 of 4 equal parts of a quantity. **Time (2 weeks)** To recognise and use language relating to dates, including days of the week, weeks, months and years To tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. To sequence events in chronological order using language

To add and subtract one-digit and two-digit numbers to 20, including 0 To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? - 9. **Money (2 weeks – 1 week recognition and 1 week Calculations)** To recognise and know the value of different denominations of coins and notes	To given a number, identify 1 more and 1 less	

	Spring 2	**Summer 1**	**Summer 2**

	Addition and Subtraction (2 Weeks)
	
	To represent and use number bonds and related subtraction facts within 20
	
	To add and subtract one-digit and two-digit numbers to 20, including 0
	
	Read, write and interpret equations containing addition , subtraction and equals symbols, and relate additive expressions and equations to real-life contexts
	
	To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? - 9.
	
	Measures (3 Weeks)
	To compare, describe and solve practical problems for:
	  i. lengths and heights [for example, long/short, longer/shorter, tall/short, double/hal]
	  ii. mass / weight
	  iii. capacity and volume
	  iv. time
	
	To measure and begin to record the following:
	  i. lengths and heights
	  ii. mass/weight
	  iii. capacity and volume
	  iv. time (hours, minutes, seconds)
		Number and Place Value (1 weeks)
		To count, read and write numbers to 100 in numerals
		
		To 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
		
		To given a number, identify 1 more and 1 less
		
		Calculations (2 weeks)
		To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
		
		To add and subtract one-digit and two-digit numbers to 20, including 0
		
		To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? - 9
		
		Money including Calculations (1 week)
		To recognise and know the value of different denominations of coins and notes
		
		Shape (2 weeks)
		Recognise common 2D and 3D shapes presented in different orientations, and know that rectangles, triangles, cuboids and pyramids are not always similar to one another.
		
		Compose 2D and 3D shapes from smaller shapes to match an example, including
			Calculations including those introduced in Year 2 (2 weeks)
			To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
			
			To add and subtract one-digit and two-digit numbers to 20, including 0
			
			To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9
			
			Year 2: To add and subtract numbers using concrete objects, pictorial representations, and mentally, including:
			  i. a two-digit number and 1s
			  ii. a two-digit number and 10s
			  iii. 2 two-digit numbers
			  iv. adding 3 one-digit numbers
			
			Year 2: To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
			
			Fractions (2 weeks)
			To recognise, find and name a half as 1 of 2 equal parts of an object, shape or quantity
			
			To recognise, find and name a quarter as 1 of 4 equal parts of an object, shape or quantity.

	Position and Direction (1 Week) To describe position, directions and movements, including whole, half, quarter and three-quarter turns.	*manipulating shapes to place them in particular orientations.* To recognise, find and name a half as 1 of 2 equal parts of an object or shape To recognise, find and name a quarter as 1 of 4 equal parts of an object or shape	**Time (2 weeks)** To recognise and use language relating to dates, including days of the week, weeks, months and years To tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. To sequence events in chronological order using language