

Year 2 Maths Progression Map									
Year 2 Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	
Autumn 1 6 weeks 4 days	4 days YR1 NPV1 forwards and backwards to 100 YR1 NPV2 Numbers to 20 in the linear number system	Place Value wk 1 YR2 NPV1 Place value in 2 digit numbers wk 2 YR2 NPV2 2 digit numbers in the linear number system <i>Read and write numbers to 100.</i> <i>Show a 2 digit number using tens and ones equipment.</i> <i>Know which is the 10s and ones part of a 2 digit number.</i> <i>Count in steps of 2 and 5 from 0, forwards.</i> <i>Count in steps of 10 from any number forwards and backwards.</i> <i>Compare and order numbers from 0 up to 100, use < > and = signs.</i>		Number bonds to 10 YR1 NF1 <i>Know addition number bonds of 10.</i> <i>Know subtraction number bonds of 10.</i>	Number bonds within 10 YR2 NF2 <i>Know addition number bonds within 10.</i> <i>Know subtraction number bonds within 10.</i>	Addition YR2 2AS3 <i>Add numbers using concrete objects, pictorial representations and mentally Add 3 one digit numbers</i> <i>2 digit numbers and ones</i> <i>2 digit numbers and tens.</i> ASSESSMENT: Y1 and Y2 NPV1 and 2		Length <i>Use a ruler to measure accurately.</i> <i>Estimate a distance. Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm);</i> <i>Compare and order lengths and record results (using <, > and =)</i>	
Autumn 2 9 weeks	Subtraction 2AS3 <i>Subtract numbers using concrete objects, pictorial representations and mentally</i> <i>2 digit numbers and ones</i> <i>2 digit numbers and tens.</i>		Count 2s,5s,10s 1NF2 <i>Count in multiples of 2,5 and 10 understanding odd and even</i>	Multiplication MD1 <i>Solve problems involving multiplication using materials, arrays, repeated addition</i> <i>Know that the x sign stands for multiplication.</i>		Division MD2 <i>Understand division as grouping. Know that the ÷ sign stands for division.</i>		Capacity/temperature Number lines 2s 5s 10s/scales NPV2 <i>Record amounts of liquid using l & ml.</i> <i>Read liquids using a scale where all numbers are given.</i> <i>compare and order capacity and record the results using >, < and =</i> <i>Read to the nearest labelled division on the thermometer.</i> ASSESSMENT: 1NF1/2NF2 Safety – High temperatures	
Spring 1 6 weeks	4 days Partitioning 2 digit numbers in different ways.	Shape 2G 1 <i>Recognise and name common 2D and 3D shapes.</i> <i>Identify and describe the properties of 2D and 3D shapes (including sides and lines of symmetry in a vertical line)</i>		Fractions of shape <i>Recognise, find, name and write fractions ½ 1/3, 1/4 2/4 and ¾ of a shape or length</i>	Time <i>compare and sequence intervals of time</i> <i>Read the clock to quarter past</i> <i>Read the clock to quarter to</i> <i>Know the number of minutes in an hour</i> <i>Know the number of hours in a day.</i> Safety – appropriate times in the day – e.g bedtimes.	Money count in 2s 5s 10s <i>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</i> ASSESSMENT: 2AS3			
Spring 2 4 weeks	Addition and subtraction 2AS1 – add and subtract across 10 <i>recall and use addition and subtraction facts to 20 fluently</i> <i>Apply increasing knowledge of mental and written methods to add and subtract efficiently</i>	Addition and subtraction – 2 digit numbers AS4 <i>Know and use number bonds for all numbers up to 10</i> <i>Use knowledge of bonds of 10 to derive and use bonds up to 100.</i> <i>Add and subtract two 2-digit numbers and 3 one digit numbers</i> <i>Show that addition can be done in any order.</i> <i>Using concrete objects, pictorial representations and mentally:</i> <i>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations.</i>		Problem solving all 4 calculations <i>Solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods, multiplication and division facts, including problems in context</i> <i>Solve problems with addition and subtraction:</i> <i>using concrete objects and pictorial representations, including those involving numbers, quantities and measures</i> <i>applying their increasing knowledge of mental and written methods solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change –</i> ASSESSMENT MD1 MD2	Fraction of Number <i>Recognise, find, name and write fractions 1/3, ¼, 1/2, 2/4 and ¾ of a set of objects or quantity</i> <i>Write simple fractions e.g. ½ of 6 is 3</i> <i>Recognise the equivalence of 2/4 and ½</i>		Multiplication and division MD1 MD2 <i>Use multiplication and division facts for 2,5 and 10 times tables.</i> <i>Solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods, multiplication and division facts, including problems in context.</i>		
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9

Summer 1 4 weeks	Mixed calculations and Fractions <i>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</i> <i>Add and subtract numbers using concrete objects, pictorial representations and mentally, including :</i> <i>a 2-digit number and ones,</i> <i>a 2-digit number and tens,</i> <i>two 2-digit numbers and</i> <i>3 one digit numbers</i> <i>Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot</i> <i>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</i> <i>Recall and use multiplication and division facts for the 2, 5 and 10 times tables</i> <i>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs</i> <i>Show that multiplication can be done in any order but division cannot.</i>		Time <i>Tell and write the time to five minutes including quarter past/to the hour and draw hands on clocks to show these times.</i> Safety – appropriate times in the day – e.g bedtimes	Statistics <i>Interpret and construct simple pictograms, tally charts, block diagrams and simple tables</i> <i>ask and answer simple questions by counting the number of objects in each category</i>	Consolidation of Learning – measure, shape, Money ASSESSMENT AS1/2/4				
Summer 2 6 weeks	Shape 2 G1 <i>identify and describe the properties of 2-D shapes, identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces</i> <i>identify 2-D shapes on the surface of 3-D shapes, compare and sort common 2-D and 3-D shapes and everyday objects</i>	Number bonds within 20 YR2 NF2 <i>Know addition number bonds within 10.</i> <i>Know subtraction number bonds within 10.</i> <i>recall all number bonds to and within 10 and use these to reason with and calculate bonds to and within 20, recognising other associated additive relationships</i>	Position and direction <i>order and arrange combinations of mathematical objects in patterns and sequences</i> <i>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)</i>	Weight <i>choose and use appropriate standard units to estimate and measure mass (kg/g) to the nearest appropriate unit, using scales</i> <i>compare and order mass and record the results using >, < and =</i>	Capacity/temperature Number lines 2s 5s 10s/scales NPV2 <i>Record amounts of liquid using l & ml.</i> <i>Read liquids using a scale where all numbers are given.</i> <i>compare and order capacity and record the results using >, < and =</i> <i>Read to the nearest labelled division on the thermometer.</i> Safety – High temperatures	Consolidation ASSESSMENT 2G1			