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

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Summer 1 6 weeks	**Multiplication and division** MD1 MD2 *Use multiplication and division facts for 2,5 and 10 times tables.* *Solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods, multiplication and division facts, including problems in context.*		**Mixed calculations and Fractions** *Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100* *Add and subtract numbers using concrete objects, pictorial representations and mentally, including :* *a 2-digit number and ones,* *a 2-digit number and tens,* *two 2-digit numbers and* *3 one digit numbers* *Show that 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.* *Recall and use multiplication and division facts for the 2, 5 and 10 times tables* *Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs* *Show that multiplication can be done in any order but division cannot.*	**Time** *Tell and write the time to five minutes including quarter past/to the hour and draw hands on clocks to show these times.* *Safety – appropriate times in the day – e.g bedtimes.*	**Statistics** *Interpret and construct simple pictograms, tally charts, block diagrams and simple tables* *ask and answer simple questions by counting the number of objects in each category*	**Consolidation of Learning** – measure, shape, Money ASSESSMENT AS1/2/4		
Summer 2 6 weeks	**Shape** 2 G1 *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* *identify 2-D shapes on the surface of 3-D shapes,* *compare and sort common 2-D and 3-D shapes and everyday objects*	**Number bonds within 20** YR2 NF2 *Know addition number bonds within 10.* *Know subtraction number bonds within 10.* *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*	**Position and direction** *order and arrange combinations of mathematical objects in patterns and sequences* *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)*	**Weight** *choose and use appropriate standard units to estimate and measure mass (kg/g) to the nearest appropriate unit, using scales* *compare and order mass and record the results using >, < and =*	**Capacity/temperature** **Number lines 2s 5s 10s/scales** NPV2 *Record amounts of liquid using l & ml.* *Read liquids using a scale where all numbers are given.* *compare and order capacity and record the results using >, < and =* *Read to the nearest labelled division on the thermometer.* *Safety – High temperatures*	Consolidation ASSESSMENT 2G1		