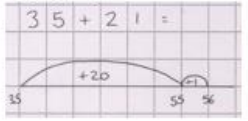
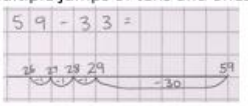
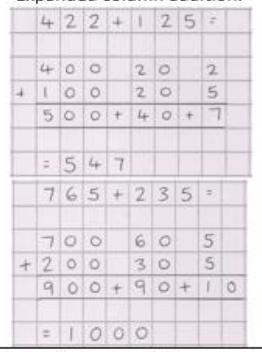
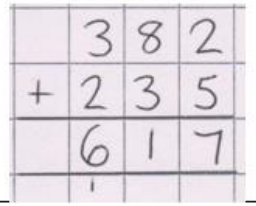
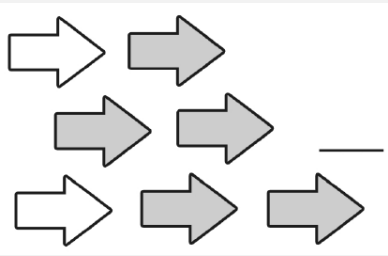
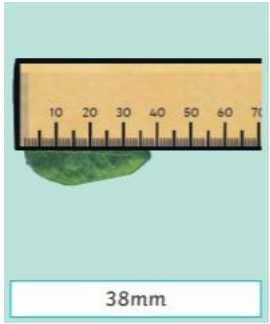
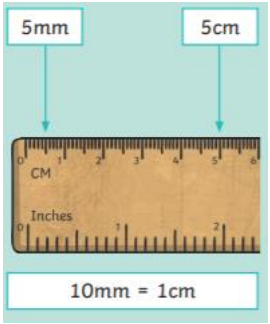
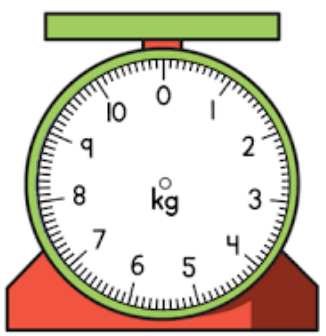
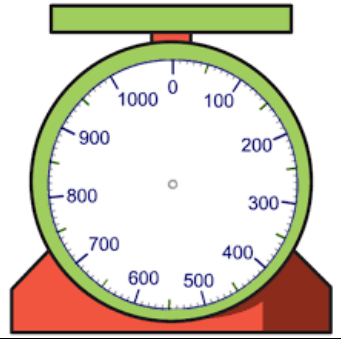
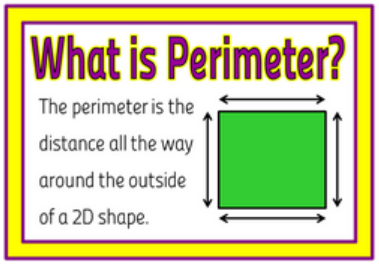
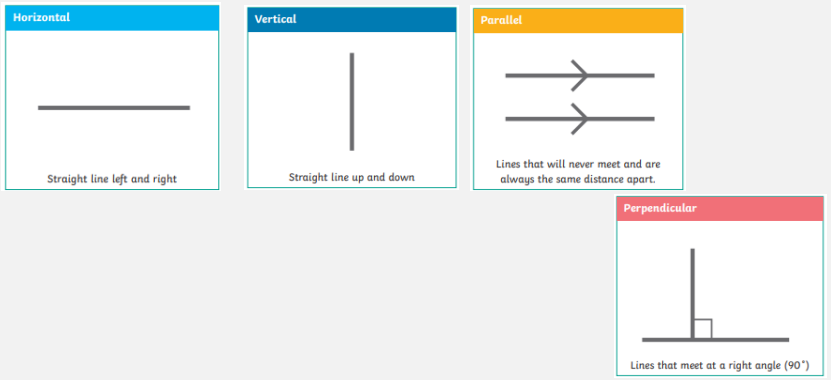
Year Three Autumn Term Reasoning			Knowledge Organiser Vocabulary	Knowledge Organiser Visuals
Week 1	National Curriculum	<u>Place Value</u> **Recall from Y2:** recognise the place value of each digit in a two-digit number (tens, ones). Compare and order numbers from 0 up to 100; use and = signs. Read and write numbers to at least 100 in numerals and in words. **Teach for Y3:** recognise the place value of each digit in a three-digit number (hundreds, tens, ones). Compare and order numbers up to 1000. Read and write numbers up to 1000 in numerals and in words **Stretch with:** Value of digits.	Hundreds Tens Ones More than (>) Less than (<) Equal (=)	
Week 2	National Curriculum Statements	<u>Addition</u> **Recall from Y2:** 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. Add numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones. A two-digit number and tens. Two two-digit numbers. Adding three one-digit numbers. Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. **Teach for Y3:** add numbers with up to three digits, using formal written methods of columnar addition and subtraction. **Stretch with:** Addition of multiple items.	Addition Add Regroup	
Week 3	National Curriculum Statements	<u>Subtraction</u> **Recall from Y2:** Solve problems with subtraction: Using concrete objects and pictorial representations, including those involving numbers, quantities and measures, applying their increasing knowledge of mental and written methods. Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot **Teach for Y3:** solve problems, including missing number problems, using number facts, place value, and more complex subtraction. **Stretch with:** Application to money problems.	Subtraction Subtract Exchange	
	Know Your Facts	**Pre-Teach call and response statements from Week 4 Recognise Fractions**		

Written Calculations	Addition	Subtraction
Below Y3	Number lines with jumps of multiple jumps of tens and ones. 	Number lines with jumps of multiple jumps of tens and ones. 
At Y3	Expanded column addition. 	Expanded column subtraction.
Above Y3	Column addition 	Column subtraction.

Week 4	National Curriculum Statements	<u>Recognise Fractions</u> **Recall from Y2:** recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity **Teach for Y3:** recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators **Stretch with:** Changes to a discrete set of objects	Numerator Denominator Parts Whole	 
	Know Your Facts	**Pre-Teach call and response statements from Week 5 Length** **Call and Response Statements Recognise Fractions** The top number is the … **numerator** The bottom number is the … **denominator**		
Week 5	National Curriculum Statements	<u>Length</u> **Recall from Y2:** choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); to the nearest appropriate unit, using rulers. Compare and order lengths and record the results using >, < and = **Teach for Y3:** measure, compare, add and subtract: lengths (m/cm/mm) **Stretch with:** Combination of measuring and adding/subtracting questions.	length metre (m) centimetre (cm) millimetre (mm) unit of measure Compare More than (>) Less than (<) Equal to (=)	 
	Know Your Facts	**Pre-Teach call and response statements from Week 6 Mass** **Call and Response Statements Length** There are how many centimetres in a metre? **… 100** There are how many millimetres in a centimetre? **… 10**		
Week 6	National Curriculum Statements	<u>Mass</u> **Recall from Y2:** 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 = **Teach for Y3:** measure, compare, add and subtract: mass (kg/g); **Stretch with:** Combination of measuring and adding/subtracting questions.	Mass Kilograms (kg) Grams (g) Scale Compare More than (>) Less than (<) Equal to (=)	

	Know Your Facts	**Pre-Teach call and response statements from Week 7 Perimeter** **Call and Response Statements Mass** There are how many grams in a kilogram? **… 1000**	Unit of measure	 
Week 7	National Curriculum	**Perimeter** **Recall from Y2:** N/A **Teach for Y3:** measure the perimeter of simple 2-D shapes. **Stretch with:** Measuring with increasing accuracy.	perimeter measure length metre (m) centimetre (cm) millimetre (mm) unit of measure	
	Know Your Facts	**Pre-Teach call and response statements from Week 8 Vertical and Horizontal Lines** **Call and Response Statements Perimeter** The perimeter is the **… outside of the shape.**		
Week 8	National Curriculum	**Vertical and Horizontal Lines** **Recall from Y2:** N/A **Teach for Y3:** identify horizontal and vertical lines and pairs of perpendicular and parallel lines. **Stretch with:** identifying the above in shapes.	Horizontal Vertical Parallel Perpendicular Lines	
	Know Your Facts	**Call and Response Statements Vertical and Horizontal Lines** Show me a vertical line. Show me a horizontal line. Show me parallel lines. Show me perpendicular lines.		

Week 9		Consolidation Week		
Week 10		Consolidation Week		