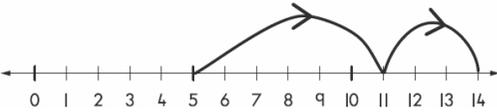
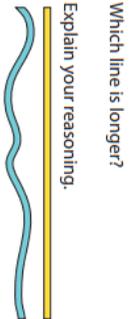


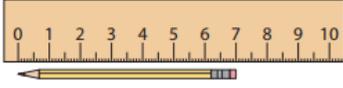
Driver: History

Main learning Challenge: **Who was the Greatest Inventor?**

	Week 1 Place Value	Week 2 Addition and Subtraction	Week 3 Measuring length and height	Week 4 Multiplication	Week 5 Money	Week 6 Division
Maths Learning Challenge	<p>YR 1 Can you count, read and write numbers to 100 in numbers? Can you say one more/one less any two digit number?</p> <p>YR 2 Can you count in tens from any number, forward and backward? Can you read and write numbers to at least 100 in numerals and in words?</p>	<p>YR 1 Can you read, write and interpret mathematical statements involving addition (+) and equals (=) signs within 15/ subtraction (-) and equals (=) signs within 15? Can you add/ subtract one-digit and then two-digit numbers to 15, including zero? Can you solve one-step problems that involve addition and subtraction using pictorial representations?</p> <p>YR 2 Can you add and subtract 2 digit number and tens mentally? Can you add and subtract 2 digit number using concrete and pictorial objects and tens? Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. + and - formal written method</p>	<p>YR 1 Can you measure and begin to record length and height?</p> <p>YR 2 Can you choose and use appropriate standard units to estimate and measure length and height (m/cm)? Can you measure, order and compare height? (< > =)</p>	<p>YR 1 Can you solve one-step problems involving multiplication, by calculating the answer using pictorial representations (linked to counting in 2s and 10s)?</p> <p>YR 2 Can you calculate mathematical statements for multiplication and division within the 10 and 2 times tables and write them using the multiplication (×), and equals (=)? Can you solve problems involving multiplication, repeated addition and mental methods, including problems in contexts?</p>	<p>YR 1 Can you recognise and know the value of different denominations of coins and notes</p> <p>YR 2 Can you solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change? Can you recognise and use symbols for pounds (£) and pence (p)? Can you combine amounts to make a particular value?</p>	<p>YR 1 Can you solve one-step problems involving division by calculating the answer using pictorial representations (linked to counting in 2s and 10s)?</p> <p>YR 2 Can you calculate mathematical statements for multiplication and division within the 10 and 2 times tables and write them using the division (÷) and equals (=) signs?</p>
Basic Skills Focus	<p>YR 1 Count in 10s One More and less to 15 Place value of each number in a 2 digit number</p> <p>YR 2 Read and write numbers to at least 100</p>	<p>YR 1 Count forward and backwards in 10s One More and less to 15 Place value of each number in a 2 digit number Addition/ subtraction on a numberline</p> <p>YR 2 Read and write numbers to at least 100</p>	<p>YR 1 Count forward and backwards in 10s One More and less to 15 Place value of each number in a 2 digit number</p> <p>YR 2 Read and write numbers to at least</p>	<p>YR 1 Count forward and backwards in 10s One More and less to 15 Place value of each number in a 2 digit number Pictorial and concrete experience of multiplication</p>	<p>YR 1 Count forward and backwards in 10s One More and less to 15 Place value of each number in a 2 digit number Money Vocabulary</p>	<p>YR 1 Count forward and backwards in 10s One More and less to 15 Place value of each number in a</p>

	<p>2 digit number</p> <p>YR 2 10 x table 10 more 10 less a two digit number Partition numbers</p>	<p>Counting in 10s, link to 10 x table number facts. Recall x and ÷ facts from 10x table. Can you add and subtract 2 digit number and tens mentally?</p> <p>Partition addition/ subtraction method</p>	<p>100</p> <p>Counting in 10s, link to 10 x table number facts. Recall x and ÷ facts from 10x table.</p>	<p>YR 2 Read and write numbers to at least 100 Counting in 10s, link to 10 x table number facts. Recall x and ÷ facts from 10x table. Repeated addition on a numberline</p>	<p>YR 2 Read and write numbers to at least 100 Counting in 10s, link to 10 x table number facts. Recall x and ÷ facts from 10x table.</p> <p>Money Vocabulary</p>	<p>2 digit number Using objects, diagrams and pictorial representations to solve problems involving both grouping and sharing.</p> <p>YR 2 Read and write numbers to at least 100 Counting in 10s, link to 10 x table number facts. Recall x and ÷ facts from 10x table. Grouping using a number line</p>
Number	<p>YR 1 Read and write numbers to 100 in numerals, incl. 1–20 in words</p>	<p>YR 1 Read and write numbers to 100 in numerals, incl. 1–20 in words</p>	<p>YR 1 Read and write numbers from 0 to 20 in numerals and words.</p>	<p>YR 1 Read and write numbers to 100 in numerals, incl. 1–20 in words</p>	<p>YR 1 Read and write numbers to 100 in numerals, incl. 1–20 in words</p>	<p>YR 1 Read and write numbers to 100 in numerals, incl. 1–20 in words</p>
	<p>YR 2 Understand the place value of 2-digit numbers (tens and ones)</p>	<p>YR 2 Understand the place value of 2-digit numbers (tens and ones) Recognise the place value of each digit in a two-digit number.</p>	<p>YR 2 Understand the place value of 2-digit numbers (tens and ones) Recognise the place value of each digit in a two-digit number.</p>	<p>YR 2 Count in steps of 2, 3 and 5 from zero, and in 10s from any number</p>	<p>YR 2 Understand the place value of 2-digit numbers (tens and ones)</p>	<p>YR 2 Understand the place value of 2-digit numbers (tens and ones)</p>

<p>Calculation</p>	<p>YR1 Place value of number</p>	<p>YR1 Addition 1 digit number + 2 digit number up to 15 Subtraction 2 digit number - 1 digit number up to 15</p>	<p>YR1 Adding and subtracting in a measuring context</p>	<p>YR1 Multiplication linked to counting in 2s and 10s</p>		<p>YR1 Division linked to counting in 2s and 10s</p>						
	<p>YR2 Place value of 2 digit number</p>	<p>YR2 Addition 2 digit number + tens Subtraction 2 digit number + tens</p>	<p>YR2 Adding and subtracting in a measuring context</p>	<p>YR2 10 x table</p>	<p>YR2 Addition of 2 amounts of money</p>	<p>YR2 10 x table</p>						
<p>Shape and Measure</p>			<p>Addition of different units of measure Subtraction of different units of measure</p>		<p>Money</p>							
<p>Problem solving, Generalising and Reasoning</p>	<p>YR1 NRich Carrol Diagrams</p> <p>YR 2 What is the same and what is different about these two numbers: 16 and 61?</p>	<p>YR 1 More Able Problems Number lines</p> <p>NRich Find the difference</p> <p>There are 4 fewer boys than girls in our class. There are 18 girls in the class. How many boys are there?</p> <p>YR 2</p> <ul style="list-style-type: none"> Show me a calculation that is equal to 17. And another. And another. Look at the number line. It shows the sum that Filip did.  <p>Tick (□) the sum that Filip did.</p> <p>$5 + 7 + 2 = 14$ $5 + 6 + 3 = 14$ $5 + 5 + 4 = 14$ $5 + 8 + 1 = 14$</p> <p>Mrs Ellis says that it doesn't matter which way round</p>	<p>YR 1 How do you know that <i>x object</i> is longer/ taller than <i>x object</i>?</p>  <p>YR 2 Application (Practical) Draw two lines whose lengths differ by 4cm.</p>	<p>YR 1 Mrs Ellis says "Convince me double 6 is 12" How can you explain this to her?</p> <p>Making links If one teddy has two apples, how many apples will three teddies have? Here are 10 lego people if 2 people fit into the train carriage, how many carriages do we need?</p> <p>YR 2 Maths Puzzles for All - Ones and Twos</p> <p>Making links Write the multiplication number sentences to describe this array</p> <table border="1" data-bbox="1400 1220 1691 1284"> <tr> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> </tr> </table> <p>What do you notice?</p>	X	X	X	X	X	X	<p>YR 1 Hanna has 2 silver coins. How much money could she have altogether?</p>  <p>Find three different ways to do it. Show 19p using only 2p, 5p and 10p coins.</p> <p>YR 2 What is the same and what is different: 2p coin, 5p coin, 10p coin, 20p coin?</p> <p>Always/Sometimes/Never: Coins are circular.</p>	<p>YR 1 NRICH Lots of Biscuits</p> <p>Show me a number that you can half. And another. And another.</p> <p>If one teddy has two apples, how many apples will three teddies have?</p> <p>YR 2 Two friends share 12 sweets equally between them. How many do they each get? Write this as a division number sentence. Make up two more sharing stories like this one.</p>
X	X	X										
X	X	X										

		<p>you put the numbers when you subtract. Is she correct?</p> <p>Show me a subtraction calculation where it is easier to count on (use addition) to find the difference in value.</p>	<p>How long is the pencil?</p>  <p>The pencil is _____ cm long.</p>		 <p>Look at these coins. How could you make up the same total amount using just one type of coin?</p>	<p>Together Rosie and Jim have £12. Rosie has twice as much as Jim. How much does Jim have? Use the bar method</p>
Key Vocabulary	Place value, digit, tens, ones, base 10, partition	add, more, plus, and, make, altogether, total, equal to, equals, double, most, count on, number line, sum, tens, units, partition, addition, column, tens boundary equal to, take, take away, less, minus, subtract, leaves, distance between, how many more, how many fewer / less than, most, least, count back, how many left, how much less	length, height, more than, less than, equal to, centimetres, metres..	groups of, lots of, times, array, altogether, multiply, count, multiplied by, repeated addition, column, row, commutative, sets of, equal groups, times as big as, once, twice, ten times	Pounds, pence, coin, note, £, p,	share, share equally, one each, two each, group, equal groups of, lots of, array, divide, divided by, divided into, division, grouping, number line, left, left over
Wider curriculum opportunities/links	Measuring parts to make an invention Cost of parts in making an invention					
Pre teaching	Addition Subtraction	Length/ Height	Multiplication	Money	Division	Spring 2 pre learn