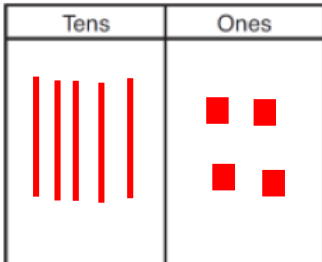
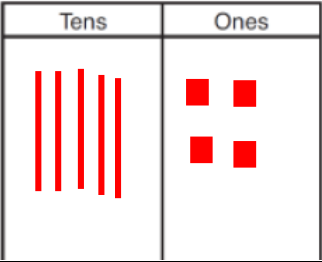
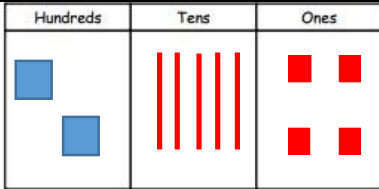






Year 2: Summer Term
Star Words/ Vocabulary List

Vocabulary	Example
1 digit number	0, 1, 2, 3, 4, 5, 6, 7, 8, 9
2 digit number	11, 21, 32, 43 etc
Place Value	The value of each digit in a number (see below).
Ones	 54 has 4 <i>ones</i> .
Tens	 54 has 5 <i>tens</i> .
Hundreds	 254 has 2 <i>hundreds</i> .
Partitioning	A way of breaking a number into parts i.e; hundreds, tens and ones. $452 = 400 + 50 + 2$

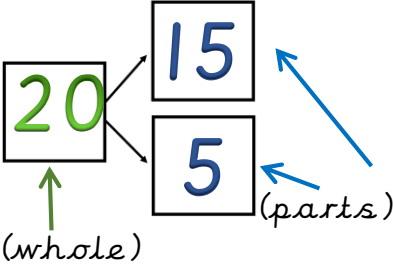
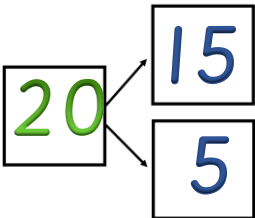
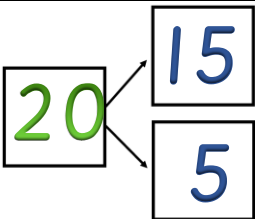
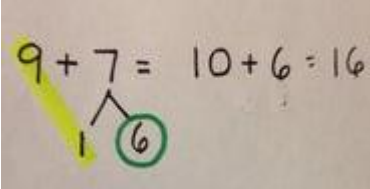




Regroup	If I have ten ones I can regroup them in to one ten. i.e. $1+1+1+1+1+1+1+1+1+1 = 10$ or  is the same as 
Is equal to (=)	The number of ___ is equal to the number of ____. 12 add 3 is equal to 15. 12 plus 3 is equal to 15.
The same as	The number of ___ is the same as the number of ____.
Increase/ Increasing	When a number or sequence is getting bigger. "The pattern is increasing by ____".
Decrease/ Decreasing	When a number or pattern is getting smaller. "The pattern is decreasing by ____".
Count on	The method whereby the children count on from the highest number to find a total of two numbers.
Altogether	How many are there altogether ? There are ___ apples altogether .
Number bond	A way of representing a number using a part-part whole model (see below). Parts that make a whole; 13 add 3 is equal to 16.





<p>Part Whole diagram (Resource)</p>	 <p>(whole) (parts)</p>
<p>Part(s)</p>	 <p>"One of our parts is 15". "One of our parts is 5"</p> <p>20 is the whole. 15 and 5 are the parts.</p>
<p>Whole</p>	 <p>"Our whole is 20". 20 is the whole. 15 and 5 are the parts.</p>
<p>Make ten strategy (Method)</p>	



Bridge ten

When an addition or subtraction equation bridges to the next or previous ten.

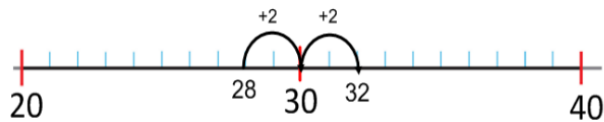
$$24 + 8 = \underline{\quad}$$

Children will use the make ten strategy to solve it.

$$28 + 4 = \square$$

2 2

4 has been partitioned into two parts, 2 and 2.



Rounding

A method used to approximate a number to the nearest appropriate power of ten;

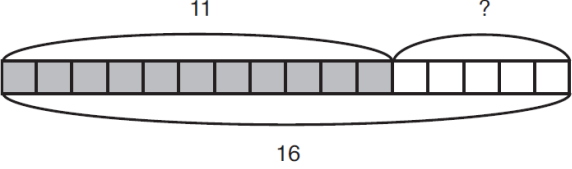


If the final digit in a number ends in 0, 1, 2, 3, 4, you round down to the nearest multiple of 10.

For example; 64 to the nearest 10 is 60.

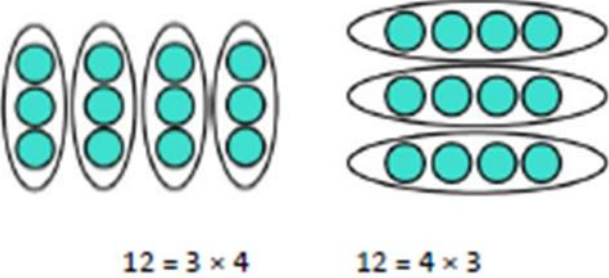

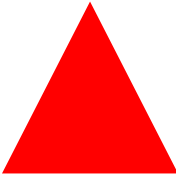
If the final digit in a number ends in 5, 6, 7, 8, 9, you round up to the nearest multiple of 10.

For example; 78 to the nearest 10 is 80.

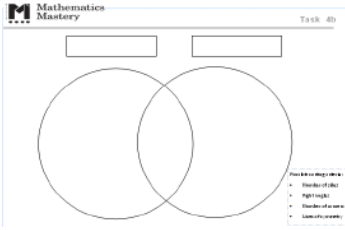

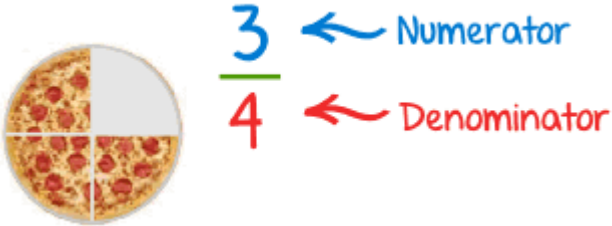
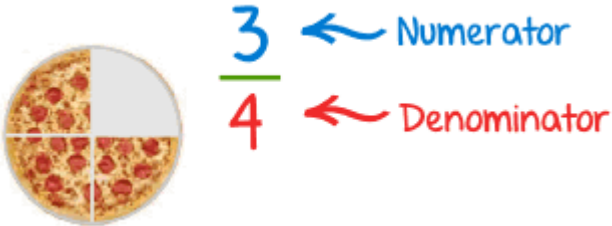
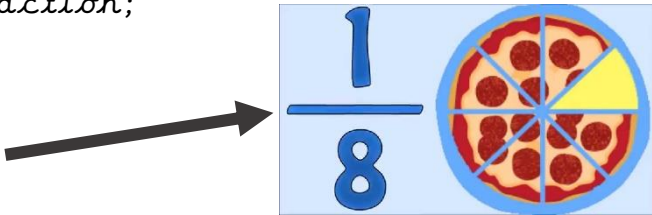


<p>Bar modelling (Method)</p>	$\square + 11 = 16 \qquad 16 - 11 = \square$ $11 + \square = 16 \qquad 16 - \square = 11$  <p>This is way of representing a problem using pictures. It is often a very useful way of making a complex word problem more accessible to pupils. By "seeing" the problem in the visual form, it is them often easier for children to see how to approach the problem.</p>
<p>Skip Counting</p>	<p>Counting in multiples. For example, skip counting in 2s; 2, 4, 6, 8, 10</p>
<p>Repeated Addition</p>	<p>Used for multiplication.</p>  $5 + 5 + 5 = 15$
<p>Groups of...</p>	<p>Used for multiplication.</p>  <p>Three groups of five; 3×5</p>



Array	<p>A pictorial representation of 'groups of'.</p>  <p>$12 = 3 \times 4$ $12 = 4 \times 3$</p>
Pictogram	<p>A graph which uses pictures to represent information.</p>
Vertex/ Vertices (plural)	<p>A point where two or more straight sides meet. A corner.</p>  <p>"This shape has four vertices and four straight sides"</p>
Edge/Edges (plural)	<p>The side of a shape.</p>  <p>"This shape has three edges".</p>
Face	<p>A face is a flat surface on a 3D shape.</p>
Apex	<p>The apex can be described as the point furthest from the base.</p>
Symmetrical	<p>If an object is symmetrical if it can be divided exactly in half so that one side is a mirror image of the other.</p>



<p>Venn Diagram</p>	<p>Used for sorting and classifying.</p> 
<p>New Words Term 3: </p>	
<p>Fraction</p>	<p>A fraction is a form of a number that shows part of a whole.</p>
<p>Numerator</p>	 <p>The parts of the whole.</p>
<p>Denominator</p>	 <p>The whole.</p>
<p>Vinculum</p>	<p>The horizontal line in the fraction;</p> 



<p>Unit fraction</p>	<p>A unit fraction is a number written as a fraction where the numerator is one and the denominator is a positive integer, for example, $1/2$, $1/3$, $1/4$, $1/5$, $1/6$</p>
<p>Non-unit fraction</p>	<p>A non-unit fraction is a number written as a fraction where the numerator is more than one and the denominator is a positive integer, for example, $2/3$, $3/4$, $2/5$, $2/6$</p>
<p>Exchange</p>	<p>How many ones would I have if I exchanged all of my tens for ones?</p> <p>How many tens would I have if I exchanged the hundred block for tens?</p> <p>How many ones would I have if I exchanged the ten ten-sticks for ones?</p>
<p>< Less than > Greater than</p>	<div data-bbox="770 1458 1305 1756" data-label="Image"></div> <p>$56 > 12$ 56 is greater than 12 $12 > 56$ 56 is less than 12</p>



Estimate	<p>An estimate is a rough calculation.</p> <p>I estimate the container to have a capacity of more than one litre. I think it has a capacity of three litres.</p>
Full, nearly full, half full Empty, nearly empty, half empty The same.	<p>This bottle is ____.</p>
Heavy, heavier, heaviest Light, lighter, lightest	<p>The ____ is heavier than the ____.</p> <p>The ____ is lighter than the ____.</p> <p>The ____ is the heaviest (lightest).</p> <p>The book feels heavier than the marble.</p> <p>The marble is lighter than the book.</p> <p>The cow is as heavy as the horse.</p>
Capacity	<p>The amount a container can hold.</p>
Volume	<p>A measure of the space taken up by something.</p>

