

Maths Year One Week 6: Addition and Subtraction Word Problems

Monday 6th July 2020 – Adding pictorially

Introduction	Main	Plenary
<p>Oral starter: Count out loud in;</p> <ul style="list-style-type: none"> • 1's from 100 to 50 • 2's to 20 • 5's to 100 • 10's to 100 <p>This week we are going to look at some different strategies to help us solve addition and subtraction word problems.</p> <p>Word problems are number challenges that we have to solve but they use words and numbers instead of just numbers.</p> <p>This is a normal number problem; $1 + 1 = ?$</p> <p>This is an example of a word problem Miss Layton has 1 cookie. Mrs Beavis also has 1 cookie. How many cookies are there altogether?</p> <p>Both are asking the same thing and both have the same answer (2!) but the word problem uses more words. It can sometimes be tricky to work out exactly what the word problem is asking so today we're going to draw out the word problems to help us.</p>	<p>Get your grown up to call out some different numbers. Can you show that number by drawing the amount? For example I might say 10 and you could draw 10 cupcakes to represent that number.</p> <p>I now buy 2 more cupcakes. Can you add 2 more cupcakes to your page?</p> <p>How many do we now have altogether? Let's count them.</p> <p>Can you complete the main sheet for Monday activity.</p> <p>The sheet asks you to draw in the items to help solve the word problem and then fill in the correct numbers in the boxes.</p> <p>The apple word problems have already been drawn for you to start you off.</p> <p>Underneath each one can you write the problem as a number sentence?</p>	<p>Make you own up:</p> <p>Can you write your own word problems for a grown up or a partner to solve?</p> <p>Can you check that they have draw out all the parts of the problem to help them get to the correct answer?</p> <p>Use the following words to start off your problems;</p> <p>First.....</p> <p>Then.....</p> <p>Now.....</p>

Tuesday 7th July 2020 – adding on a number line

Introduction	Main	Plenary
<p><u>Oral starter:</u> Count out loud in;</p> <ul style="list-style-type: none">• 1's from 50 to 100• 2's to 20• 5's to 100• 10's to 100 <p>Today we are going to continue with solving our addition word problems but instead of drawing out the problem we are going to use a number line to help us solve it.</p> <p>When we use a number line to help us add we always start on our first number and make jumps. So, if we have to add 5 we would need to make 5 jumps. The number we land on is our answer.</p> <p>Example; Mrs Fawkes had 6 pencils. She then found 3 more on the floor. How many pencils does she have now?</p> <p>We would start on 6, then make 3 jumps and land on.....9! Mrs Fawkes has 9 pencils now.</p>	<p>Can you complete the main sheet for Tuesday activity.</p> <p>Each word problem has a number line underneath it for you to show your jumps.</p> <p>Then, just like yesterday you will need to write the number sentence underneath. So for the problem with Mrs Fawkes and her pencils we would have written $6+3=9$.</p> <p>You will find that one of the number lines is longer than the others. That is because it goes all the way to 30.</p>	<p><u>Create your own number lines:</u></p> <p>Can you get creative and make your own number line to help you?</p> <p>See attached photos for some ideas.</p>

Wednesday 8th July 2020 – Challenge Cards

Introduction	Main	Plenary
<p>Oral starter: Count out loud in;</p> <ul style="list-style-type: none">• 1's from 50 to 100• 2's to 20• 5's to 100• 10's to 100 <p>Today we are going to have a go at using what we have learnt so far to complete some challenge cards.</p> <p>We are still looking at word problems but we can solve them however we would like! In class we a bead string we could use, or maybe some Numicon. If you are at home you could use some real objects you have or draw a 10 frame.</p>	<p>Can you complete the word problem challenge cards?</p> <p>You can draw out the problem, use a number line or use some other counting resources.</p> <p>Feel free to take some photos of your work! Mrs Beavis and I love to see how you are getting on.</p>	<p>Can you have a go at the Problem-Solving questions on Wednesday Plenary Sheet.</p> <p>You can also play the game where you think of a number and the other person has to guess what number you are thinking of. They could ask questions such as;</p> <ul style="list-style-type: none">• Is the number odd?• Is the number a 2 digit number?• Is the number more than 80?• Is the number in the 2 times table?