

P4 Numeracy Home Learning – December 2021

Task 1	Task 2	Task 3
<p style="text-align: center;">Place Value Riddles</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%; padding: 5px;"> <p>a</p> <p>My tens digit is one more than my hundreds digit. My hundreds digit is an even number between 5 and 7. My ones digit is the number of vertices on a triangle. What am I?</p> </div> <div style="width: 50%; padding: 5px;"> <p>b</p> <p>I'm an even number between 100 and 200. The sum of my digits is 14. My tens digit is two less than nine. What am I?</p> </div> <div style="width: 50%; padding: 5px;"> <p>c</p> <p>The sum of my three digits is 6. My hundreds digit is 2. The sum of my hundreds and tens digits is equal to my ones digit. What am I?</p> </div> <div style="width: 50%; padding: 5px;"> <p>d</p> <p>I'm an even number. I'm >758 and <893. I'm a multiple of 100. What am I?</p> </div> </div> <p>Now see if you can create a riddle and try it out on someone.</p>	<p style="text-align: center;">Capacity</p> <p>Revision:</p> <p>Learn how to read a scale: https://www.youtube.com/watch?v=6JyDRJBJQgU m/watch?v=AW878kgHdq</p> <p>Practise:</p> <ul style="list-style-type: none"> - Get measuring jugs out and measure lots of different things. Remember to estimate how much you think it will be before measuring it. - Use a measuring jug to cook or to bake something. - Look at the packaging of food items and see how much they hold. Again, you can estimate before reading on the container. With open packets estimate what is left. <p>Online game: https://www.ictgames.com/mobilePage/mostlyPostie/index.html</p>	<p style="text-align: center;">Weight</p> <p>Learn how to read a scale: https://www.youtube.com/watch?v=6JyDRJBJQgU</p> <p>Learn how to weigh things in grams and kilograms: https://www.youtube.com/watch?v=N_LG5EKU_a4</p> <p>Learn how to measure in grams: https://www.youtube.com/watch?v=AW878kgHdq</p> <p>Learn how to convert grams to kilograms: https://www.youtube.com/watch?v=AY1heUpO9PE</p> <p>Practise:</p> <ul style="list-style-type: none"> - Get the kitchen scales out and weigh lots of different things. Remember to estimate how much you think it will be before weighing it. - Use the scales to cook or to bake something. - Look at the packaging of food items and see how much they weigh. Again, you can estimate before reading on the packet. With open packets estimate what is left. <p>Online game: https://www.ictgames.com/mobilePage/mostlyPostie</p>
<p style="text-align: center;">Task 4</p> <p style="text-align: center;">Multiplication and Division Strategy - Arrays</p> <p>The distributive property of multiplication is used when we divide a multiplication array into two parts, making two smaller multiplication facts. When you add to find the sum of the two smaller products, you have the amount of the original array. See below and create coloured arrays of two smaller products:</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>This array shows 3×5</p> <p>What is 3×5? $3 \times 5 = \underline{15}$</p> </div> <div style="text-align: center;"> <p>The array was broken into two smaller parts. It shows $3 \times 3 = 9$ and $3 \times 2 = 6$.</p> <p>What is $9 + 6$? 15</p> <p>What is $3 \times (3 + 2)$? 15</p> </div> </div>	<p style="text-align: center;">Task 5</p> <p style="text-align: center;">2D Shape</p> <p style="text-align: center;">Create tessellating patterns</p> <p>A tessellating pattern is where shapes that fit together are repeats to make a pattern. Have a look here: https://www.youtube.com/watch?v=7GiKeeWSf4s</p> <p>You can take this further with post-its, paper and tape. Watch this video to learn how: https://www.youtube.com/watch?v=GtG4Jnbpomk</p>	<p style="text-align: center;">Online learning & websites</p> <p>Sumdog</p> <p>Please continue to work on Sumdog.</p> <p>Topmarks – search engine for activities: https://www.topmarks.co.uk/</p> <p>I know it: https://www.iknowit.com/third-grade.html</p>

P4 Numeracy Home Learning – December 2021