

## Maths activities Year 4 Week beginning 04/05/20

As well as these you can also do the Week 5 daily activities in Purple Mash, practise your times tables on TT Rockstars and complete daily lessons on My Maths.

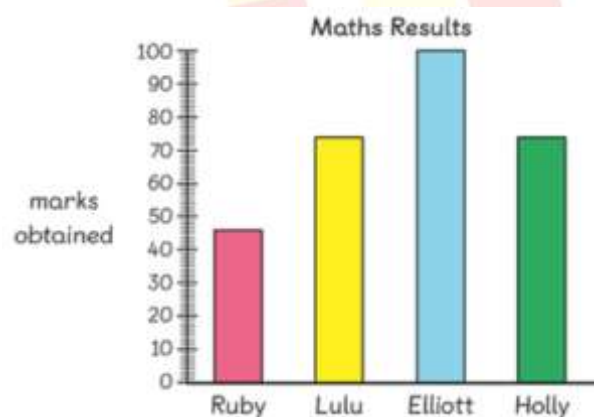
<u>Monday 4<sup>th</sup></u>	<u>Challenge activities</u>
<p>Maths: Adding/ subtracting. Use column addition or a different method that you like to work out these:</p> <p><math>58 + 73</math> <math>101 + 567</math> <math>388 + 277</math> <math>732 + 189</math> <math>1,798 + 1,424</math></p> <p>Use column subtraction or a different method that you like to work out these:</p> <p><math>78 - 45</math> <math>122 - 18</math> <math>345 - 166</math> <math>101 - 34</math> <math>2,354 - 1,627</math></p>	<p>Counting on a number line. You can count forward on a number line to work out subtraction equations. E.g.</p> <div><p>Handwritten number line for <math>546 - 278 = ?</math>. The number line starts at 278 and has jumps to 290 (labeled 2), 300 (labeled 20), 500 (labeled 200), and 546 (labeled 46). The equation <math>546 - 278 = ?</math> is written above the line.</p></div> <div><p>Printed number line for <math>82 - 49 = ?</math>. The number line starts at 49 and has jumps to 50 (labeled +1), 80 (labeled +30), and 82 (labeled +2). The equation <math>82 - 49 =</math> is written above the line. Below the line, the calculation <math>1 + 30 + 2 = 33</math> is shown.</p></div> <p>Draw a number line, and work out these equations:</p> <p><math>84 - 33</math> <math>112 - 56</math> <math>234 - 96</math> <math>725 - 387</math></p> <p>PurpleMash- search for the game 'bond bubbles'- play A first to practise and try and step up. Can you challenge yourself on C?</p>

## Tuesday 5<sup>th</sup>

Maths: Graphs.

Mr Naylor is hungry, so he eats a bag of smarties. He eats 7 red smarties; 9 blue smarties; 12 orange smarties; 14 green smarties and 6 blue smarties.

Draw a bar chart to show what Mr Naylor has eaten. Remember your title and labels.



## Challenge activities

Look out of your window, what cars do you see on the street?


Draw a graph showing the number of cars for each colour.

You could also do this with items around your house/garden/yard.

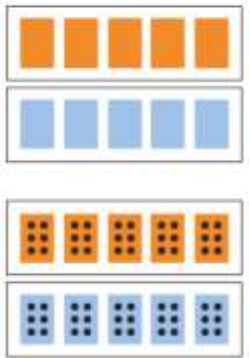
PurpleMash- search for 'interpreting block graphs'.

Email Mr Naylor or Mrs Adam if you have any questions or want to send us work.

Mr Naylor: [4k@sparkenhoe.leicester.sch.uk](mailto:4k@sparkenhoe.leicester.sch.uk) Mrs Adam: [4s@sparkenhoe.leicester.sch.uk](mailto:4s@sparkenhoe.leicester.sch.uk)

<u>Wednesday 6<sup>th</sup></u>	<u>Challenge activities</u>
<p><b>Maths: Fractions.</b> Find fractions in your house. Using 11 strips of paper, fold the paper into halves, thirds, quarters, fifths, sixths, sevenths, eighths, ninths, tenths, elevenths, and twelfths.</p>  <p>Ext. Can you find any fractions which are equivalent?</p>	<p>Mrs Adam eats <math>\frac{4}{8}</math> of a delicious chocolate cake and Mr Naylor eats <math>\frac{1}{2}</math> of a scrumptious vanilla cake. Have they both eaten the same amount of cake? Explain your answer.</p> <p>PurpleMash- search for the game 'Fractonio's pizzeria'. Practise your fractions by serving Pizza in a restaurant!</p>

<u>Thursday 7<sup>th</sup></u>	<u>Challenge activities</u>														
<p><b>Maths: Time.</b> 60 seconds = 1 minute. 60 minutes = 1 hour.</p> <table border="0"> <tr> <td>How many seconds in:</td> <td>How many minutes in:</td> </tr> <tr> <td>7 minutes.</td> <td>4 hours.</td> </tr> <tr> <td>12 minutes.</td> <td>12 hours.</td> </tr> <tr> <td>14 minutes.</td> <td>8 hours.</td> </tr> <tr> <td>6 minutes.</td> <td>6 hours.</td> </tr> <tr> <td>10 minutes.</td> <td>5 hours.</td> </tr> <tr> <td>5 minutes.</td> <td>10 hours.</td> </tr> </table>	How many seconds in:	How many minutes in:	7 minutes.	4 hours.	12 minutes.	12 hours.	14 minutes.	8 hours.	6 minutes.	6 hours.	10 minutes.	5 hours.	5 minutes.	10 hours.	<p>Can you spot a pattern from the answers you have worked out?</p> <p>Is there an easy way to work out these answers? E.g. can you easily work out how many seconds in 5 minutes if you have worked out how many seconds in 10 minutes? Think about half/double.</p> <p>MyMaths- Time calculations set activity.</p>
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Friday 8 <sup>th</sup>	Challenge activities
<p>Maths: Multiplication- multiply 3 numbers.  <math>2 \times 5 \times 6</math></p> <p><math>2 \times 5 = 6</math></p>  <p><math>2 \times 5 = 10</math></p> <p>You can also multiply <math>5 \times 6</math> first.</p> <p><math>2 \times 5 \times 6</math></p> <p><math>2 \times 5 = 6 = 10 \times 6 = 60</math></p> <p> <math>7 \times 3 \times 2</math>  <math>8 \times 9 \times 4</math>  <math>5 \times 5 \times 6</math>  <math>6 \times 7 \times 3</math>  <math>4 \times 6 \times 2</math> </p>	<p>Pick one of these equations and become the teacher. Either write down in your books or tell someone in your house the different ways in which you can solve a three- number multiplication equation.</p> <p>TT rockstars- Play at least 10 games in garage (this week's set tables are 6, 7, 8 and 9)</p>

Use any other apps and websites you feel are appropriate for your child.