

Rowan Class – Year 4 - Week beginning April 27<sup>th</sup> 2020

Maths: Addition and Subtraction

English: Vocab, grammar, adverbs, creative writing.

Topic: Vikings

Computing: E-Safety

|   |           |  |
|---|-----------|--|
| <p>Maths<br/>★ = easier<br/>★★ = standard<br/>★★★ = harder</p> <p><b>**Please also encourage your child to access Mathletics daily on top of the work set**</b></p> | Monday    | <p>Daily practise of the 9 times tables.<br/>Try to complete these mentally:<br/>★ = 1) 350 + 250 2) 550 + 450 3) 750 + 350 4) 850 + 450 5) 350 + 950 6) 450 + 750 7) 550 + 950 8) 650 + 650 9) 850 + 950 10) 650 + 750<br/>★★ = 1) 350 + 250 2) 550 + 400 3) 750 + 350 4) 825 + 425 5) 325 + 925 6) 425 + 775 7) 525 + 975 8) 625 + 675 9) 825 + 975 10) 625 + 775<br/>★★★ = 1) 3250 + 2500 2) 5250 + 4750 3) 7500 + 3250 4) 8250 + 4750 5) 3500 + 9250 6) 4250 + 7750 7) 5250 + 9500 8) 6250 + 6750 9) 8500 + 9250 10) 6250 + 7750<br/>Extra challenge: What times table would all of your answers go into? How do you know this?</p>  |
|   | Tuesday   | <p>Daily practise of the 9 times tables.<br/>Column addition – no decimals<br/>★ = 1) 372 + 393 2) 483 + 528 3) 457 + 548 4) 686 + 384 5) 858 + 394 6) 839 + 282 7) 939 + 293 8) 739 + 283 9) 383 + 829 10) 695 + 384<br/>★★ = 1) 3725 + 3933 2) 4836 + 5283 3) 4578 + 5484 4) 6867 + 3848 5) 8589 + 3945 6) 8398 + 2823 7) 9392 + 2937 8) 7393 + 28364 9) 3838 + 8297 10) 6952 + 3843<br/>★★★ = 1) 37223 + 39343 2) 48343 + 52823 3) 45754 + 54834 4) 68665 + 38443 5) 85844 + 39454 6) 83934 + 28265 7) 93954 + 29354 8) 73954 + 28387 9) 38323 + 82943 10) 69554 + 38465<br/>Extra challenge: Can you write yourself a next step, ready for tomorrow's session?</p>   |
|   | Wednesday | <p>Daily practise of the 9 times tables.<br/>Column addition – with decimals<br/>★ = 1) 83.4 + 39.2 2) 48.3 + 38.3 3) 42.4 + 28.3 4) 34.8 + 12.9 5) 78.9 + 56.7 6) 23.5 + 78.5 7) 34.9 + 24.8 8) 12.4 + 78.3 9) 67.9 + 98.2 10) 67.4 + 13.5<br/>★★ = 1) 838.4 + 389.2 2) 488.3 + 378.3 3) 428.4 + 287.3 4) 374.8 + 172.9 5) 778.9 + 576.7 6) 273.5 + 778.5 7) 734.9 + 284.8 8) 127.4 + 778.3 9) 677.9 + 978.2 10) 677.4 + 173.5<br/>★★★ = 1) 8388.4 + 3889.2 2) 8488.3 + 3878.3 3) 4828.4 + 2887.3 4) 3784.8 + 1872.9 5) 7878.9 + 5876.7 6) 2783.5 + 7878.5 7) 7374.9 + 2847.8 8) 1277.4 + 7788.3 9) 6677.9 + 9788.2 10) 8677.4 + 1973.5<br/>★★★★ = 1) 83.47 + 359.2 2) 488.3 + 38.36 3) 4782.4 + 28.36 4) 347.78 + 182.9 5) 789.9 + 56.77 6) 2883.5 + 78.85 7) 3764.98 + 284.8 8) 172.74 + 7788.3 9) 6778.9 + 98.27 10) 6897.4 + 13.58<br/>Extra challenge: Can you write some of your own word problems that are solved using column addition?</p> |
|   | Thursday  | <p>Daily practise of the 9 times tables.<br/>Column subtraction – borrowing<br/>★ = 1) 948 - 729 2) 942 - 832 3) 593 - 494 4) 494 - 334 5) 479 - 283 6) 849 - 765 7) 584 - 428 8) 384 - 197 9) 485 - 248 10) 485 - 396<br/>★★ = 1) 5483 - 2312 2) 7593 - 4271 3) 8859 - 3727 4) 7948 - 6625 5) 7729 - 517 6) 5958 - 426 7) 6292 - 2271 8) 7338 - 7223 9) 5794 - 5662 10) 7884 - 5873<br/>★★★ = 1) 54835 - 23125 2) 75933 - 42714 3) 88595 - 37274 4) 79483 - 66257 5) 77293 - 51754 6) 59558 - 42654 7) 62592 - 22751 8) 73538 - 72253 9) 57594 - 56462 10) 78854 - 58573</p>  |

|               |           |  |
|---------------|-----------|--|
|               |           | Extra challenge: Why is it important that you line up your digits correctly? Can you explain why the layout of column subtraction is important?  |
|               | Friday    | <p>Daily practise of the 9 times tables.</p> <p>Column subtraction – using 0s – This video may be helpful to watch. You can choose to either enjoy the banjo music or turn it off!<br/> <a href="https://www.youtube.com/watch?v=NCWflrLirKQ">https://www.youtube.com/watch?v=NCWflrLirKQ</a></p> <p>Parents – test your child on their 9s today! 0-12 x 9 in a random order.</p> <p>★ - 1) 380 – 182 2) 490 – 192 2) 760 – 456 3) 540 – 376 4) 890 – 293 5) 370 – 234 6) 830 – 292 7) 420 – 393 8) 350 – 192 9) 390 – 293 10) 930 – 912</p> <p>★★ - 1) 300 – 182 2) 400 – 192 2) 700 – 456 3) 500 – 376 4) 800 – 203 5) 300 – 234 6) 800 – 292 7) 400 – 393 8) 300 – 192 9) 300 – 293 10) 900 – 812</p> <p>★★★ - 1) 3000 – 1882 2) 4000 – 1892 2) 7000 – 4756 3) 5000 – 3764 4) 8000 – 2037 5) 3000 – 2346 6) 8000 – 2952 7) 4000 – 3993 8) 3000 – 1992 9) 3000 – 2937 10) 9000 – 8128</p> <p>Extra Challenge: Can you write some of your own word problems that are solved using column subtraction?</p> |
| English       | Monday    | <p>Complete the 3 wishes task on page 3; keep these safe as you'll need them for Friday.</p> <p>Read the story on pages 4-5</p> <p>Complete the task on page 6. Can you extend your sentences further using because?</p> <p>Extra challenge: Can you use another conjunction to avoid repetition?</p>  |
|               | Tuesday   | <p>Read the story on pages 4-5</p> <p>Complete the tasks about the word 'whip' on pages 7-8.</p> <p><b>Don't</b> start the task about the word 'precious' that is also on page 8! That's for tomorrow! 😊</p> <p>Extra challenge: Can you include the word 'whip' in different sentences?</p>   |
|               | Wednesday | <p>Read the story on pages 4-5</p> <p>Complete the task about the word 'precious' on page 8. Can you put the word 'precious' into different sentences?</p> <p>Extra challenge: Can you find any synonyms for the word 'precious'?</p>  |
|               | Thursday  | <p>Read the story on pages 4-5</p> <p>Complete the task about the word 'reflection' on page 9.</p> <p>Extra challenge:</p>   |
|               | Friday    | <p>Creative writing: Can you write a short story about making wishes, just like Li did in the story? Use the wishes you made up on Monday in your story.</p> <p>Extra challenge: Can you include the words whip, precious and reflection in your story?</p>  |
| Topic/Science | Topic     | <p><a href="https://www.bbc.co.uk/bitesize/topics/ztyr9j6/articles/zy9j2hv">https://www.bbc.co.uk/bitesize/topics/ztyr9j6/articles/zy9j2hv</a></p> <p>Read through the information on 'How did the Vikings fight?' and watch the videos on the page. Either draw a picture of a Viking long ship or print one out. Label each part of it and explain its function.</p>   |

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Maths: Addition and Subtraction



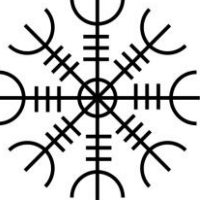
English: Vocab, grammar, adverbs, creative writing.

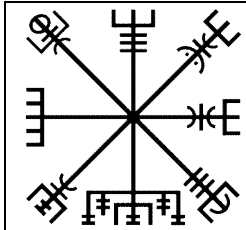
Topic: Vikings

Computing: E-Safety

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|------------|------------|---|
|            | Computing  | <p><a href="https://www.thinkuknow.co.uk/8_10/watch/">https://www.thinkuknow.co.uk/8_10/watch/</a></p> <p>Watch the video 'Block Him Right Good, Alfie' together.</p> <p>Activity 1:</p> <p>Have a go at answering the following questions:</p> <ul style="list-style-type: none"> <li>• What did you think?</li> <li>• What did you like about Play Like Share?</li> <li>• What different things do Sam, Ellie and Alfie do online?</li> <li>• What problem did Alfie face at the beginning of the cartoon?</li> <li>• How did the gamer make Alfie feel?</li> <li>• What did Alfie do when he realised something wasn't right</li> <li>• What happened when Selfie's video was made public? How did it make them feel?</li> </ul> <p>Activity 2:</p> <p>Can you create a poster for Sam, Ellie and Alfie's new band Selfie? Try to come up with a design that shows off each character's talents and personality.</p> |
| PE         | Activity 1 | Joe Wicks workout   |
|            | Activity 2 | Cosmic Kids Yoga  |
|            | Activity 3 | <p>Real PE:</p> <p>The website address is: <a href="https://home.jasmineactive.com">home.jasmineactive.com</a></p> <p>Parent email: <a href="mailto:parent@lyngcofepr-1.com">parent@lyngcofepr-1.com</a></p> <p>Password: lyngcofepr</p>  |
| Art/Crafts | Activity 1 | <p>Design your own Viking shield that would go on the side of a Viking long ship. Think carefully about the picture or pattern that will go on the front of the shield. See the examples attached to this week's plans!</p> <p>Extra challenge: Can you explain why you have chosen this symbol?</p>  |
|            | Activity 2 | <p>Begin collecting junk to create a junk model of a Viking long ship. This week, plan out what your Viking long ship could look like and make a list of some of the materials you will need to make it.</p> <p>Extra challenge: What will you need to do make your Viking long ship successful? Write some 'Steps to Success' to follow during the making process.</p>   |

Viking symbols examples:

|   |   |
|---|---|
|  A black and white illustration of Thor's Hammer, a symbol of protection, strength, consecration, and the integrity of custom and tradition. It features a central vertical shaft with a circular head and two curved, ornate wings. | <p>Thor's Hammer, a symbol of protection, strength, consecration, and the integrity of custom and tradition.</p>  |
|  A black and white illustration of the Valknut, a symbol associated with death, the transition from life to death, and Odin (Odin is Thor and Loki's father and is very powerful!). It consists of three interlocking triangles.     | <p>The Valknut, a symbol associated with death, the transition from life to death, and Odin (Odin is Thor and Loki's father and is very powerful!).</p> |
|  A black and white illustration of the Helm of Awe, a symbol of protection and might. It is a complex geometric design with a central circle and eight radiating lines, each ending in a curved hook.                               | <p>The Helm of Awe, a symbol of protection and might.</p>   |



The Vegvisir, a symbol which was supposed to help with finding one's way when lost.

# Addition: Column Method

1

$$\begin{array}{r} 453 \\ +348 \\ \hline \\ \hline \end{array}$$

Place the numbers one on top of the other, lining up the hundreds, tens and ones.

2

$$\begin{array}{r} 453 \\ +348 \\ \hline \phantom{0}1 \\ \hline \end{array}$$

Add the ones and write the answer

3

$$\begin{array}{r} 453 \\ +348 \\ \hline \phantom{0}1 \\ \hline \phantom{0}1 \end{array}$$

Regroup any tens under the tens column.

4

$$\begin{array}{r} 453 \\ +348 \\ \hline \phantom{0}01 \\ \hline \phantom{0}11 \end{array}$$

Add the tens including any tens you have regrouped. Regroup any hundreds under the hundreds column.

5

$$\begin{array}{r} 453 \\ +348 \\ \hline \phantom{0}801 \\ \hline \phantom{0}111 \end{array}$$

Add the hundreds including any hundreds you have regrouped.

6

$$\begin{array}{r} 453 \\ +348 \\ \hline \phantom{0}801 \\ \hline \phantom{0}111 \end{array}$$

Check your answer.

# Subtraction: Column Method

1

$$\begin{array}{r} 453 \\ -348 \\ \hline \\ \hline \end{array}$$

Place the numbers one on top of the other, lining up the hundreds, tens and ones.

2

$$\begin{array}{r} 453 \\ -348 \\ \hline \\ \hline \end{array}$$

Subtract the ones (note that the answer to  $3 - 8$  is negative).

3

$$\begin{array}{r} 4\overset{1}{\cancel{5}}3 \\ -348 \\ \hline 5 \\ \hline \end{array}$$

Exchange a 10 from the 50 to give 13 ones. Subtract the ones:  $13 - 8 = 5$

4

$$\begin{array}{r} 4\overset{1}{\cancel{5}}3 \\ -348 \\ \hline 05 \\ \hline \end{array}$$

Subtract the tens:  $40 - 40 = 0$


5

$$\begin{array}{r} 4\overset{1}{\cancel{5}}3 \\ -348 \\ \hline 105 \\ \hline \end{array}$$

Subtract the hundreds:  $400 - 300 = 100$

6

$$\begin{array}{r} 4\overset{1}{\cancel{5}}3 \\ -348 \\ \hline 105 \\ \hline \end{array}$$

Check your answer.  

**1**

$$\begin{array}{r} 4.53 \\ +3.8 \\ \hline \\ \hline \end{array}$$

Place the numbers one on top of the other, lining the decimals up.

**2**

$$\begin{array}{r} 4.53 \\ +3.80 \\ \hline \\ \hline \end{array}$$

Put in zeros so that the numbers are the same length.

**3**

$$\begin{array}{r} 4.53 \\ +3.80 \\ \hline \phantom{00}3 \\ \hline \end{array}$$

Add the hundredths and write the answer underneath.

**4**

$$\begin{array}{r} 4.53 \\ +3.80 \\ \hline \phantom{00}33 \\ \hline \phantom{00}1 \phantom{00} \end{array}$$

Add the tenths and carry any ones underneath.

**5**

$$\begin{array}{r} 4.53 \\ +3.80 \\ \hline 8.33 \\ \hline \phantom{00}1 \phantom{00} \end{array}$$

Add the ones including any ones you've carried, don't forget the decimal point!

**6**

$$\begin{array}{r} 4.53 \\ +3.80 \\ \hline 8.33 \\ \hline \phantom{00}1 \phantom{00} \end{array}$$

Check your answer.

