

## Maths

This week's theme on White Rose Maths is some revision! Have a look at the daily teaching videos and have a go at the activities.

<https://whiterosemaths.com/homelearning/year-6/>

If you want to extend your learning even further check out the BBC Bitesize daily activities:

<https://www.bbc.co.uk/bitesize/tags/zncsscw/year-6-and-p7-lessons/1>

This week on Times Tables Rockstars it is Boys v Girls – who will be the winners?

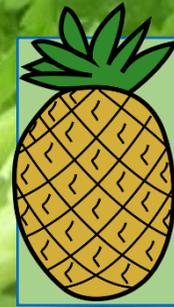
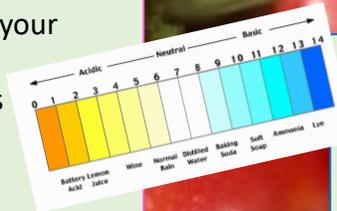
Finally, don't forget your Autumn Term KIRF. Master those decimal bonds!

## Science

Whether or not you like to eat red cabbage, you are going to love doing science with it by making your own **red cabbage pH indicator**. This is an amazing food experiment that turns solutions different colours as if by magic...but it is all in the science!

Check out how to do the experiment here:

<https://www.sciencekiddo.com/red-cabbage-ph-indicator/> Try and write your experiment up. Think about making predictions, how you can make a fair test, what a plant would need to grow, how you will record your observations etc. Think like a scientist! I'd love to see your experiments (send them to my email address above!)



Year 6

## Home Learning Project

Week Beginning: 15.06.2020

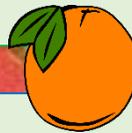
Theme: Food



If you have any work that you are really proud of, email it to [helen.clarke@danebank.tameside.sch.uk](mailto:helen.clarke@danebank.tameside.sch.uk) to show one of the teachers!

## Design Technology

In preparation for food technology at high school, it is time to become a chef! Can you create your own healthy meal that you and your family can enjoy together? Research recipes online or in books and try to use ingredients that you already have in the house. Curries and stews are always great as you can put lots of different things in! Remember to make sure an adult is supervising! Write the recipe out and share any goo ones with friends! You'll be the next Jamie Oliver in no time!



## PSHCE

You are now in your last half term of Primary School. It is even stranger this year as you are at home! Over the next few weeks we are going to build you up with all the skills and strategies you need to make sure your transition to high school is stress and worry free. Have a go at this <https://plprimarystars.com/resources/resilience> and see if you can build your resilience up even more.

## English

Have a go at some of the activities on BBC Bitesize daily:

<https://www.bbc.co.uk/bitesize/tags/zncsscw/year-6-and-p7-lessons/1>

JK Rowling is releasing her new book, "The Ickabog" chapter by chapter online for free!! Why not have a read of some of the chapters.

<https://www.theickabog.com/read-the-story/>

You could even enter the illustration competition.



THE ICKABOG



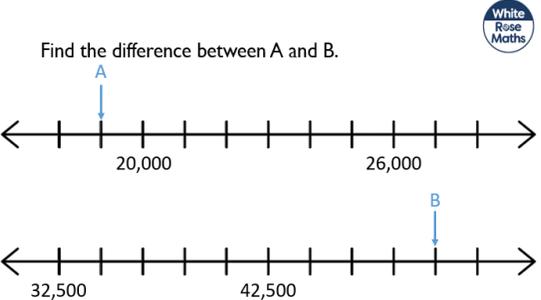
## Geography

Head to your fridge and take out any fresh ingredients you can find (make sure you put them back when you are done!) usually on the packet it tells you where the food originated. Can you plot the origins of all the food you find on a map? Next up - create a table and work out how far each of those foods have travelled to end up in your house. Where does the food come from? Which has travelled the greatest distance? The least? Why do you think we import most of the bananas we eat from Latin America and we don't just grow them in the UK?

**Food Miles**  
How well travelled is your dinner?



Year 6  
**Home Learning Project – Maths – Addition & Subtraction**  
 Week Beginning: 15.06.2020

Monday	Tuesday	Wednesday	Thursday	Friday																									
Complete numbers 1-4 of the maths questions (slides 4-6)	Complete numbers 5-8 of the maths questions (slides 4-6)	Complete numbers 9-12 of the maths questions (slides 4-6)	Complete numbers 13-16 of the maths questions (slides 4-6)	Complete numbers 17-19 of the maths questions (slides 4-6)																									
True or False? <ul style="list-style-type: none"> <li><math>5,463 \times 18 = 18 \times 5,463</math></li> <li>I can find the answer to <math>1,100 \times 28</math> by calculating <math>1,100 \times 30</math> and subtracting 2 lots of 1,100</li> <li><math>702 \times 9 = 701 \times 10</math></li> </ul>	Find the difference between A and B. 	Here is a bar model. <table border="1" style="margin: 10px auto;"> <tr> <td style="background-color: #FFD700;">A</td> <td style="background-color: #FFA07A;">B</td> </tr> <tr> <td colspan="2" style="background-color: #90EE90; text-align: center;">631,255</td> </tr> </table> <p>A is an odd number which rounds to 100,000 to the nearest ten thousand. It has a digit total of 30</p> <p>B is an even number which rounds to 500,000 to the nearest hundred thousand. It has a digit total of 10</p> <p>A and B are multiples of 5</p> <p>What are possible values of A and B?</p>	A	B	631,255		<table border="1" style="margin: 10px auto;"> <tr> <td></td> <td>5</td> <td>2</td> <td>2</td> <td>4</td> <td>7</td> <td>?</td> </tr> <tr> <td>+</td> <td>3</td> <td>?</td> <td>5</td> <td>9</td> <td>0</td> <td>4</td> </tr> <tr> <td></td> <td>9</td> <td>0</td> <td>?</td> <td>3</td> <td>?</td> <td>2</td> </tr> </table> <p>Find the missing digits. What do you notice?</p>		5	2	2	4	7	?	+	3	?	5	9	0	4		9	0	?	3	?	2	Class 6 are calculating the total of 3,912 and 3,888 <p>Alex says,</p>  <p>Is Alex correct? Explain</p>
A	B																												
631,255																													
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Year 6  
Home Learning Project – English  
Week Beginning: 15.06.2020

Monday	Tuesday	Wednesday	Thursday	Friday
<b>Spelling, Punctuation and Grammar Activities</b>				<b>Extended write</b>
Proofread and edit your work from last Friday – check for spellings, punctuation, grammar.	Some words end with a ‘shus’ sound. How many more words can you think of which end with -tious or -cious? Write the meanings	Practise your spellings on <a href="https://spellingframe.co.uk/">https://spellingframe.co.uk/</a>	Play trapped <a href="https://www.topmarks.co.uk/Flash.aspx?e=spelling-grammar05">https://www.topmarks.co.uk/Flash.aspx?e=spelling-grammar05</a>	<p><b>Choose one of the following:</b></p> <p>Based on Cogheart Extract</p> <p>1. Rewrite the chase scene from the Cogheart prologue, from the perspective of the attackers. Make sure you magpie or allude to some of Peter’s authorial choices.</p> <p>2. Write a police report about the attack on Dragonfly. Make sure you magpie or allude to some of Peter’s authorial choices.</p> <p>3. Predict what the letter that John gave to Malkin might say, and write this letter to Lily.</p>
<b>Reading and Comprehension</b>				
Read the <i>prologue only</i> of Cogheart by Peter Bunzl <a href="https://www.lovereadings4kids.co.uk/extract/13188/Cogheart-by-Peter-Bunzl.html">https://www.lovereadings4kids.co.uk/extract/13188/Cogheart-by-Peter-Bunzl.html</a>	Read this: <a href="http://encyclopedia.kids.net.au/page/ai/Airship">http://encyclopedia.kids.net.au/page/ai/Airship</a>	Listen to this: <a href="https://www.youtube.com/watch?v=Z0m82hvX6Nc">https://www.youtube.com/watch?v=Z0m82hvX6Nc</a> You can read the lyrics here: <a href="https://www.lyrics.com/lyric/30829141/Come+Take+a+Trip+In+My+Airship">https://www.lyrics.com/lyric/30829141/Come+Take+a+Trip+In+My+Airship</a>	Read the <i>prologue only</i> of Moonlocket by Peter Bunzl <a href="https://www.lovereadings4kids.co.uk/extract/14136/Moonlocket-by-Peter-Bunzl.html">https://www.lovereadings4kids.co.uk/extract/14136/Moonlocket-by-Peter-Bunzl.html</a>	
<p><b>True or False:</b></p> <p>Malkin is a human. John has been carrying Lily’s letter for a while. John is a selfless man.</p> <p><b>Find and copy a word or phrase that shows:</b></p> <p>The enemy airship is well armed. It’s going to take some time for Malkin to reach Lily. John has been keeping secrets from Lily.</p>	<p>Find the meaning of these words:</p> <p>propelled atmospheric Rigid Pressure Excess Resemble Internal articulated reconnaissance pioneered</p> <p>What are the pros and cons of using an airship instead of an aeroplane?</p>	<p>What’s the song about? How do you know? The author begins the song by telling us about a sailor – what assumption does the author think we’re going to make? How do you know? How does the poem make you feel?</p> <p>You could try and perform the song as a poem or song yourself!</p>	<p><b>Find and copy a word or phrase that shows:</b></p> <p>The prison is very secure. Jack had to negotiate for the rope. Finlo doesn’t want to get caught.</p> <p>Do you prefer the prologue of Cogheart or Moonlocket? Explain why.</p>	

1

This table shows the number of people living in various towns in England.

Town	Population
Bedford	82,448
Carlton	48,493
Dover	34,087
Formby	24,478
Telford	166,640

What is the **total** of the numbers of people living in Formby and in Telford?

What is the **difference** between the numbers of people living in Bedford and in Dover?

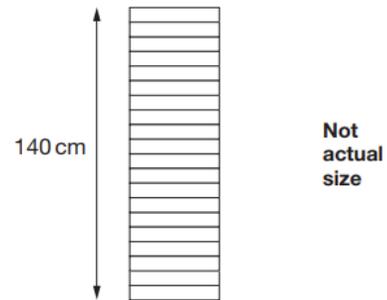
2

Write the three missing digits to make this **addition** correct.

$$\begin{array}{r}
 15\ \square \\
 + 4\ \square\ 4 \\
 \hline
 \square\ 15
 \end{array}$$

3

A stack of 20 identical boxes is 140cm tall.



Stefan takes **three** boxes off the top.

How tall is the stack now?

4 Write the number that is five less than **ten million**.

5

Write the number that is one hundred thousand less than **six million**.

6

Write the four missing digits to make this **addition** correct.

$$\begin{array}{r}
 \square\ 6\ \square\ 8 \\
 + 3\ \square\ 9\ \square \\
 \hline
 9\ 0\ 1\ 9
 \end{array}$$

Remember you can just complete these on a piece of paper in one of your exercise books – no need to print anything off!

7

The numbers in this sequence increase by 14 each time.

Write the missing numbers.

82 96  124 138

8

Jacob cuts 4 metres of ribbon into **three** pieces.

The length of the first piece is **1.28** metres.

The length of the second piece is **1.65** metres.

Work out the length of the third piece.

9

The numbers in this sequence **decrease** by the same amount each time.

303,604 302,604 301,604 300,604 ...

What is the next number in the sequence?

10

Write the three missing digits to make this **addition** correct.

$$\begin{array}{r}
 \begin{array}{|c|c|c|c|c|} \hline 5 & 3 & 2 & \square & 9 \\ \hline \end{array} \\
 + \begin{array}{|c|c|c|c|} \hline 7 & 4 & 2 & \square \\ \hline \end{array} \\
 \hline
 \begin{array}{|c|c|c|c|c|} \hline \square & 0 & 6 & 7 & 6 \\ \hline \end{array}
 \end{array}$$

11

Stefan completes this calculation.

$$\begin{array}{r}
 \begin{array}{|c|c|} \hline 9 & 5 \\ \hline \end{array} \\
 - \begin{array}{|c|c|} \hline 6 & 7 \\ \hline \end{array} \\
 \hline
 \begin{array}{|c|c|} \hline 2 & 8 \\ \hline \end{array}
 \end{array}$$

Write an **addition** calculation he could use to check his answer.

$$\begin{array}{r}
 \begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} \\
 + \begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} \\
 \hline
 \begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array}
 \end{array}$$

12

Adam wants to use a mental method to calculate  $182 - 97$

He starts from 182

Here are some methods that Adam could use.

Tick the methods that are **correct**.

add 3 then subtract 90

subtract 100 then add 3

subtract 7 then subtract 90

subtract 3 then subtract 100

Remember you can just complete these on a piece of paper in one of your exercise books – no need to print anything off!

13 The numbers in this sequence increase by the same amount each time.

Write the missing numbers.

<input type="text"/>	42	49	<input type="text"/>	63	<input type="text"/>
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14 This table shows the heights of three mountains.

Mountain	Height in metres
Mount Everest	8,848
Mount Kilimanjaro	5,895
Ben Nevis	1,344

How much higher is Mount Everest than the combined height of the other two mountains?

15 Complete this table with the missing numbers.

One row has been done for you.

Number	1,000 more
3,500	4,500
85	<input type="text"/>
<input type="text"/>	9,099
<input type="text"/>	15,250

16 At the start of June, there were 1,793 toy cars in the shop.

During June,

- 8,728 more toy cars were delivered
- 9,473 toy cars were sold.

How many toy cars were left in the shop at the end of June?

17 The children at Farmfield School are collecting money for charity.

Their target is to collect £360

So far they have collected £57.73

How much **more** money do they need to reach their target?

£

18 Write the missing number.

One is done for you.

180  $\xrightarrow{\text{is 20 more than}}$  160

$\xrightarrow{\text{is 20 more than}}$  237

19 Circle two numbers that add together to equal 0.25

0.05    0.23    0.2    0.5

Remember you can just complete these on a piece of paper in one of your exercise books – no need to print anything off!

