

Year 5 Remote Learning – Week Beginning 12th October 2020

Please make sure you are reading every day and practising times tables.

You can also practise spelling and handwriting using the vocabulary from the geography and Science knowledge organisers.

Maths

For short teaching videos relating to each daily topic, please visit the website below. We have not included the worksheets that are referred to in the videos, but the questions below relate to the learning in the videos.

<https://whiterosemaths.com/homelearning/year-5/week-5/>

Monday

Subtract whole numbers with more than 4 digits

Complete the calculations.

a)

		8	4	3	4
		-	2	1	0

b)

		£	8	8	2
		-	£	6	1

c)

		4	6	8	3
		-	1	9	0

d)

		3	4	5	2
		-		6	7

- 3 A family has £22,658 in the bank.
They spend £3,600 on a holiday.
How much money do they have left?

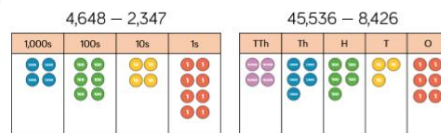
- 4 It is 10,553 miles from London to Sydney.
It is 9,929 miles from New York to Sydney.
How much further away is Sydney from London than from New York?

 miles

Tuesday

Subtract whole numbers with more than 4 digits

Calculate:



Represent each problem as a bar model, and solve them.

A plane is flying at 29,456 feet.
During the flight the plane descends 8,896 feet.
What height is the plane now flying at?

Tommy earns £37,506 pounds a year.
Dora earns £22,819 a year.
How much more money does Tommy earn than Dora?

There are 83,065 fans at a football match.
45,927 fans are male. How many fans are female?

Eva makes a 5-digit number.

Mo makes a 4-digit number.

The difference between their numbers is 3,465

What could their numbers be?

Wednesday
Use the inverse

The inverse is the *opposite*. <https://www.bbc.co.uk/bitesize/clips/zdsvcdm>

Ron wants to check this addition calculation.

$$320 + 719 = 1,039$$

Circle the subtractions that can be used to check Ron's addition.

$$1,039 - 719$$

$$320 - 1,039$$

$$719 - 320$$

$$1,039 - 320$$

Use an inverse operation to check these calculations.

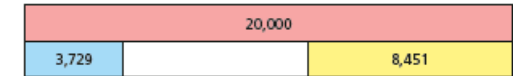
a)

$$\begin{array}{r} 1360 \\ + 2973 \\ \hline 4333 \end{array}$$

b)

$$\begin{array}{r} 8264 \\ - 3142 \\ \hline 5122 \end{array}$$

Here is a bar model.



Think of two different ways that you can find the missing part.
What is the missing part?

Thursday
Use the inverse

Mo, Whitney, Teddy and Eva collect marbles.



I have 1,648 marbles.

Mo

I have double the amount of marbles Mo has.



Whitney



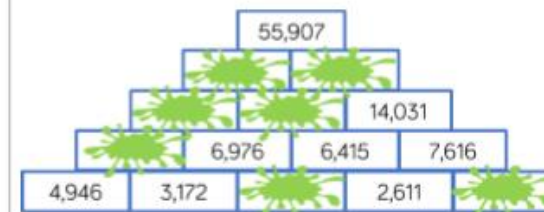
I have half the amount of marbles Mo has.

Teddy

In total they have 8,524 marbles between them.

How many does Eva have?

Complete the pyramid using addition and subtraction.



Friday
Word problems

- Create 6 of your own word problems, using addition and subtraction.
- Make sure you work out the answer!
- Use the inverse to check you are correct.

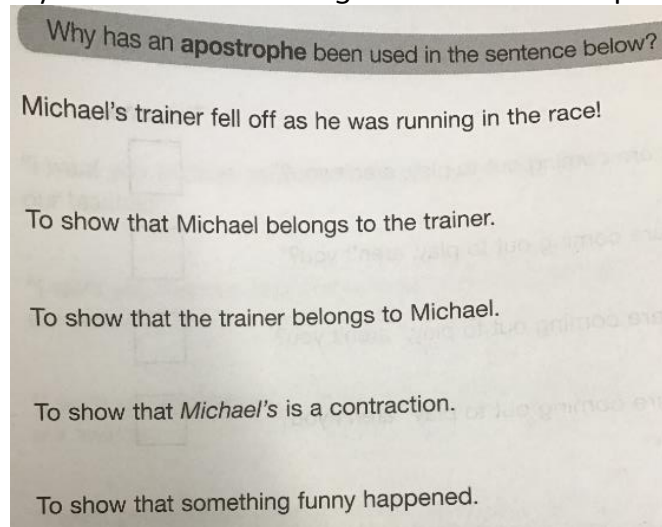
English

Monday

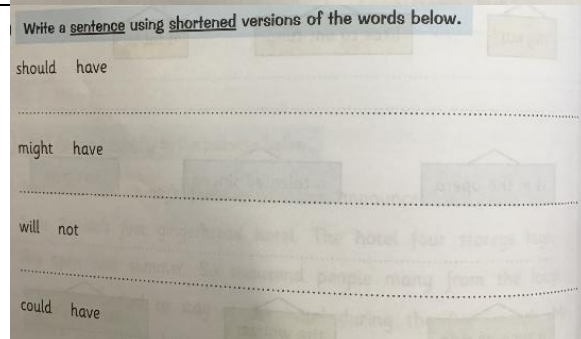
Spellings of the week: In English, we will focus on these spellings:

- centre
- model
- lunar
- exchange
- thousand
- column

Try to learn them through the week. Attempt the task below.



Tuesday



Research a volcano, mountain range or earthquake to gather facts about it.

Wednesday

Add an apostrophe and 's' to these sentences to show possession.

Miss Ellenby class had all got new school bags for the new year. Rosie bag was covered in dinosaurs. Ahmed bag was bright red and had his favourite band faces on it. Robin bag had more pockets than Miss Ellenby said he could ever need!

Continue with your research

Add apostrophes to the underlined words below, if they are needed.

My h a m s t e r s name is Hector, and I v e had him for two years.

The shark showed i t s teeth and swam towards the f i s h e r m a n s boat.

I t s been a great day, but now the park is shutting i t s gates.

D i n a s going to her d a d s house tomorrow because i t s Wednesday.

Thursday

Fill in the missing gaps with the short and long versions of the words.

is not	.....	.....	let's
.....	where'll	.....	hasn't
why is	.....	we would	.....
have not	.....	.....	he's
.....	might've	should not	.....

Draft your information text. Use the template to help you.

Choose it to be about 1 of the following categories – Earth's structure, Earthquakes, mountains, volcanoes, moon, seasons, sun, solar system.

Fill out this template below:

	<div>Fun Fact!</div> <div>Fun Fact!</div>	<div><u>Main paragraph</u></div>	<div>Fun fact!</div> <div>Diagram (labelled!)</div>
Friday			

Write your draft main paragraph in your challenge books

Have you included the following...

Written a title?

Included an introduction?

Included paragraphs and sections?

Included subheadings?

Written in the present tense and in the third person

Included fab vocabulary

Included facts

Included parenthesis

Started each paragraph with a topic phrase
(remember last week's lessons!)

Written a summary

Included labelled diagrams?

Once written,

1. Get a partner to purple pen it
2. Edit your vocabulary - Check your spellings and punctuation
3. Do you have parenthesis?

You should have all of the green highlighted sections completed BEFORE you are ready to write up in your English books!

Write out your draft copy in neat and make sure that you include everything on the checklist.

Science & DT

This week's learning is about the Moon and making a moon buggy.

Monday

Movement of the Moon

Science

WALT: describe the movement of the Moon relative to the Earth

What do you know about how the Moon moves and how we see the Moon from Earth?

	<div> <div> <p>You can:</p> <ul style="list-style-type: none"> • Write a paragraph to explain what you know or • Draw and label a diagram to answer the question or • Do both! </div> <div> <p>Key Vocabulary</p> <table> <tr> <td>Moon</td><td>tides</td></tr> <tr> <td>orbit</td><td>phase</td></tr> <tr> <td>Earth</td><td>reflect</td></tr> <tr> <td>lunar month</td><td>Sun</td></tr> <tr> <td>full moon</td><td>light</td></tr> <tr> <td>gravity</td><td></td></tr> </table> </div> </div> <p>Try to remember some of the things you learnt last week about the Moon. Otherwise, you can find more information here: https://www.bbc.co.uk/bitesize/articles/zrv3gwx</p>	Moon	tides	orbit	phase	Earth	reflect	lunar month	Sun	full moon	light	gravity	
Moon	tides												
orbit	phase												
Earth	reflect												
lunar month	Sun												
full moon	light												
gravity													
<p>Tuesday & Wednesday</p> <p>DT – researching & designing</p>	<p>You are going to design your own moon buggy. Use the attached ppt to help you to design your buggy. You will need plain paper and a pencil.</p>												
<p>Thursday</p> <p>DT - making</p>	<p>Make your buggy! Use your design to help you make your buggy. You can use any materials you like – recycled cardboard and paper, plastic pots, tin foil, paint, wood etc. You could even make your model from Lego if you don't have other resources. Think about the way you are joining your materials together to make sure your buggy is strong.</p>												
<p>Friday</p> <p>DT - evaluating</p>	<p>Think about your moon buggy design and your final product. Complete these sentences with as much detail as you can:</p> <ul style="list-style-type: none"> • I was really pleased with... • The part I enjoyed most was... • The part I found challenging was... • Next time I would... • I have learnt... 												