

Year 5 Remote Learning – Week Beginning 21st September 2020

Please make sure you are reading every day and practising times tables. You can use TT Rockstars and your log-in details are in your Reading Record. You can record what you are reading in your Reading Record. You can also practise spelling and handwriting using the vocabulary from the Topic timetable below.

Maths

For short teaching videos relating to each daily topic, please go to <https://whiterosemaths.com/homelearning/year-5/week-2/> and find the relevant video. We have not included the worksheets that are referred to in the videos, but the questions below relate to the learning in the videos.

Monday

Compare and order numbers to 100,000

Make a set of digit cards 0-9. You can just use scraps of paper and write a digit on each card.

Place the digits cards 0 to 9 face down and select five of them.

Make the greatest number possible and the smallest number possible.

How do you know which is the greatest or smallest?



How many different numbers can you make with your five cards?
Can you order them from smallest to largest?

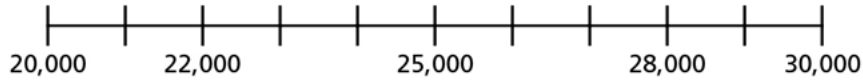
Challenge:
Can you repeat this activity using six digit cards?

Tuesday

Round within 100,000

1.

Use the number line to round the numbers to the nearest 10,000



22,000 rounds to to the nearest 10,000

28,000 rounds to to the nearest 10,000

25,000 rounds to to the nearest 10,000

2.

Round each number to the nearest 10,000

a) 32,442

d) 7,906

b) 78,675

e) 15,000

c) 50,031

f) 4,999

Wednesday

Recognise numbers up to 1,000,000

Sam's place value chart

HTh	TTh	Th	H	T	O
2	9	0	8	3	7

Joanne's place value chart

HTh	TTh	Th	H	T	O
3	4	1	5	6	2

For Sam and Joanne's numbers, answer the following questions:

- a. What number does their place value chart represent?
- b. Write the number in words.
- c. Sam adds 3 counters to his hundreds column. Joanne adds 5 to her ones column.
- d. What are their new numbers?
- e. Write the numbers in words.

Thursday

Recognise numbers up to 1,000,000

1.

Show the value of the digit 4 in each of the following numbers. Explain your answer.

a. 100,495

b. 249,365

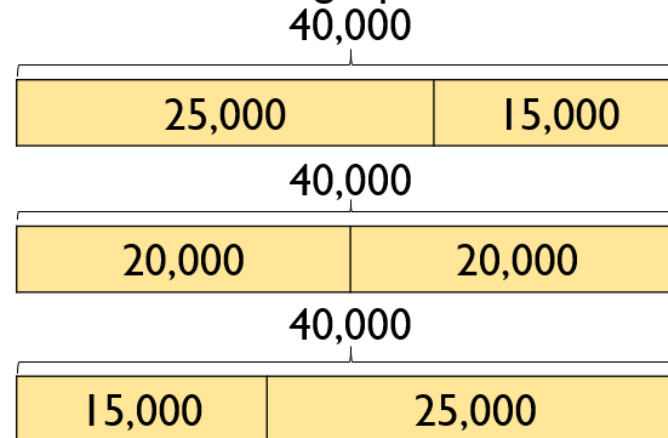
c. 4,100,375

d. Write a number with a 4 in the thousands place value column.

Write a number with an even value of hundred thousands, 3 tens and 7 thousands.

2.

The bar models are showing a pattern.



Draw the next three.

Create your own pattern of bar models using different 5 digit amounts.

Friday

Count in powers of ten

1. Complete each of the sequences below and state what the rule is.

a. 3,495 4,495 ____ 6,495 ____

b. -10 90 ____ 290 390 ____

c. -192 -92 8 ____ 208 308

For each of these sequences there is a mistake. Explain the mistake in each sequence.

d. 7,808 8,808 9,908 10,808 11,808

e. 14,540 15,540 16,540 18,540 19,540

f. -6 16 26 36 46

2. Rosie counts forwards and backwards in 10s from 317

Circle the numbers Rosie will count.

427

997

-7

1,666

3,210

5,627

-23

7

-3

Explain why Rosie will not say the other numbers.

<u>English</u>									
Monday	<p>Visit this website to watch the video and learn about parentheses. https://www.bbc.co.uk/bitesize/topics/zvwwwxb/articles/zg6xb82 Have a go at the activity on the website. Follow the powerpoint to develop understanding of parentheses. Using the extract on the slide, see if you can identify where the parentheses is. How do you know?</p>								
Tuesday	<p>Parentheses hunt! Using books around your house or online, find any examples of brackets being used. Write down just the sentence which includes brackets and then say why the brackets have been used. Try to find 5! Is it to:</p> <ul style="list-style-type: none"> • explain • direct • give extra information • to abbreviate • compare 								
Wednesday	<p>Using Beetle Boy on the powerpoint slide, rewrite it, adding in extra information of your choice to the brackets. Make sure you read it back to ensure it makes sense!</p>								
Thursday	<p>Find which clause matches each sentence and rewrite it, using brackets accurately.</p> <p>Which clause matches each of the sentences? Rewrite the sentence, using parentheses accurately to add in the extra information.</p> <p>e.g My Gran (my mother's mother) has got false teeth.</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 50%;">My Gran has got false teeth.</td> <td style="width: 50%;">My toothbrush has lots of bristles.</td> </tr> <tr> <td>My sister's bike needs repairing.</td> <td>Our school is getting knocked down.</td> </tr> <tr> <td>Today the computer broke down.</td> <td>The old oak tree blew down in the storm.</td> </tr> <tr> <td>My dog needs to see a vet.</td> <td>Aunty Lou is visiting us.</td> </tr> </table> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><u>the one with the puncture</u></p> <p><u>my mum's sister</u></p> <p><u>the green one</u></p> <p><u>my mother's mother</u></p> <p><u>the new one</u></p> <p><u>the one with the bandaged paw</u></p> <p><u>the big old building</u></p> <p><u>the one in the village</u></p> </div>	My Gran has got false teeth.	My toothbrush has lots of bristles.	My sister's bike needs repairing.	Our school is getting knocked down.	Today the computer broke down.	The old oak tree blew down in the storm.	My dog needs to see a vet.	Aunty Lou is visiting us.
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Friday	<p>Time to show off what you know! Write a paragraph about the Earths structure, earthquakes or volcanoes, using brackets to add extra information. Reread your sentences to check they make sense with and without the brackets. You can use the internet to remind yourself of our Geography learning.</p>								

Topic

Here is our key vocabulary for the week – please take time to learn the spellings and find out the meanings.

Peak

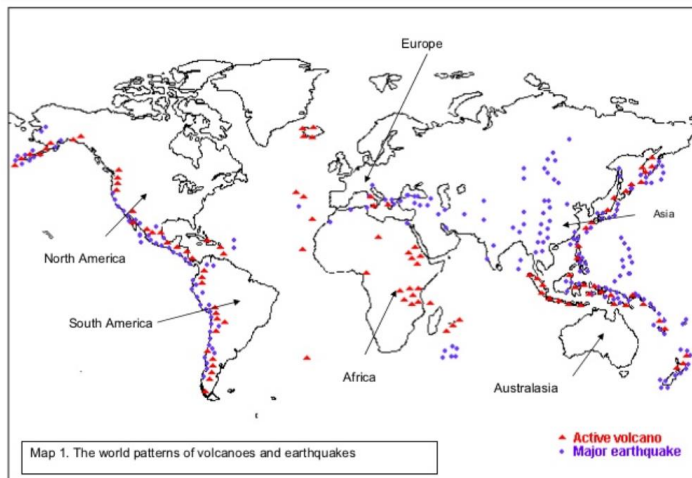
Range

Summit

Crevasses

Mountain

Monday



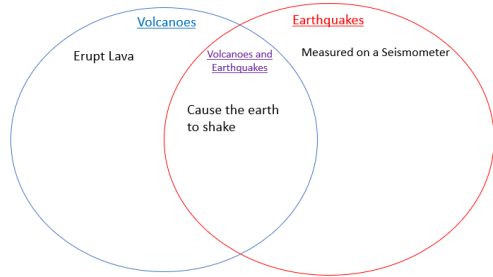
Draw a table to show the similarities and differences of where volcano and earthquakes occur.

Can you name some countries and continents they are located in?

Challenge question to answer: Explain the trend between the location of volcanoes and earthquakes and where they occur on a tectonic plate. Write in full sentences and try to include some facts, names and figures in your answer.

Tuesday

Compare and Contrast – Venn Diagram



Draw out the Venn diagram. In the blue section you need to say what impacts volcanoes have but earthquakes don't have. In the red section it is vice versa – what earthquake impacts there are but not in volcanoes and in the middle section, include what both volcanoes and earthquakes do.

Research a famous earthquake (e.g. Christchurch in New Zealand) – when did it happen? How strong was it? What happened to the city (what impacts did it cause?).

Wednesday

Tell your partner the names of the world continents and oceans.



Label the continents and oceans

Research some mountains (The Alps and Himalayas could start you off) – find out where they are located, how high they are and any interesting facts.

<p>Thursday</p>	<p>To research the world's famous mountains.</p> <p>Use an atlas to fill in the missing information in the table below:</p> <table border="1" data-bbox="376 180 1265 810"> <thead> <tr> <th>Mountain range:</th> <th>Continent:</th> <th>Famous mountain:</th> <th>Height (metres):</th> </tr> </thead> <tbody> <tr> <td>Alaska Range</td> <td>North America</td> <td>Mount Denali</td> <td></td> </tr> <tr> <td>Andes Mountains</td> <td></td> <td>Aconcagua</td> <td>6960</td> </tr> <tr> <td>Himalayas</td> <td>Asia</td> <td>Mount Everest</td> <td></td> </tr> <tr> <td>Rocky Mountains</td> <td>North America</td> <td>Mount Whitney</td> <td></td> </tr> <tr> <td>Ethiopian Highlands</td> <td></td> <td>Mount Batu</td> <td>4307</td> </tr> <tr> <td>Alps Mountains</td> <td>Europe</td> <td>Mont Blanc</td> <td></td> </tr> <tr> <td>Caucasus Mountains</td> <td>Asia</td> <td>Mount Elbrus</td> <td></td> </tr> <tr> <td>Australian Alps</td> <td></td> <td>Mount Kosciusko</td> <td>2228</td> </tr> <tr> <td>Sierra Madre</td> <td>North America</td> <td>Popocatepetl</td> <td></td> </tr> </tbody> </table>	Mountain range:	Continent:	Famous mountain:	Height (metres):	Alaska Range	North America	Mount Denali		Andes Mountains		Aconcagua	6960	Himalayas	Asia	Mount Everest		Rocky Mountains	North America	Mount Whitney		Ethiopian Highlands		Mount Batu	4307	Alps Mountains	Europe	Mont Blanc		Caucasus Mountains	Asia	Mount Elbrus		Australian Alps		Mount Kosciusko	2228	Sierra Madre	North America	Popocatepetl		<p>Use an Atlas or the internet to find the missing information on the table</p>
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<p>Friday</p>	<ul style="list-style-type: none"> • Research what dangers there are if you were to climb Mount Everest. • Answer the following question in full paragraphs. <u>What are the dangers of climbing Mount Everest?</u> • Finish the following sentences (try to include as much detail as possible). <p>Describe the climate on a mountain range Mountain climates are...</p> <p>Explain why mountain ranges have a typical climate The climate is this because...</p>																																									