

Year 5 Weekly Homework – WB 8th June

Topic: Mountains

The theme this week is mountains as this would have been our topic this term. There are 9 challenges to choose from below. Please try and complete 6 challenges this week. If you are not currently connected to Class Dojo and would like your connection details, please send an email to admin@simonside.newcastle.sch.uk and we will be able to get you connected.

Challenge 1

Think of a 3, 4 or 5-digit number (try to challenge yourself!) and write it down. Now roll a dice to find out whether you will multiply or divide your number by 10, 100 or 1000.

If you roll a 1, multiply by 10.
If you roll a 2, multiply by 100.
If you roll a 3, multiply by 1000.
If you roll a 4, divide by 10.
If you roll a 5, divide by 100.
If you roll a 6, divide by 1000.

E.g.

***My number is 145,658 and I have rolled a 6.
So my calculation is
 $145,658 \div 1000 = 145.658$***

Challenge 2

Find out the heights of the following 5 mountains and order the heights from highest to lowest.

**Mount Kilimanjaro
Ben Nevis
Mont Blanc
Mount Everest
Mount Fuji**



Mount Fuji

Challenge 3

Create a story where you are an adventurer exploring a mountain – it can be an existing mountain or a new one that you have found.

What is the mountain like?
What happens when you are climbing it? What do you see? Is it a magical mountain?



Challenge 4

The following terms are key features of a mountain. Can you find out what each term means?

1. Summit
2. Plateau
3. Ridge
4. Foot
5. Outcrop
6. Slope
7. Valley
8. Tree line
9. Snow line
10. Face

E.g.

1. Summit – this is the top of a mountain.



Challenge 5

Create an information leaflet about mountains. Try to answer these key questions.

- What is a mountain?
- What makes a mountain different to a hill?
- What are the 5 basic types of mountains?

Use this website to help -

<http://www.primaryhomeworkhelp.co.uk/mountains.htm>



Challenge 6

Can you learn to spell these topic words?

mountain
summit
range
contour
tectonic plates
altitude
tourism
economic
environmental

If you aren't sure of the meaning of some words, try to find out using a dictionary or google.

Tectonic plates



Challenge 7

Create a model or draw a sketch of a famous British mountain.



Ben Nevis

Challenge 8

Mount Everest is one of the most famous mountains in the world. Can you create a fact file about Mount Everest?



Challenge 9

Decide what you would include in your survival bag for a trek up Mount Everest. You may only take 10 items. What will you need? Explain why you feel your items may help you to survive. Remember it will be very cold!



I have left the link below to the Y5 White Rose Maths Hub Home Learning Page, if your child would like to complete any of the lessons. For each lesson, there is a video to watch and an activity to complete (the answers are also available). It is not necessary to print out the activity sheet as the answers can be completed on a piece of paper. Remember your child does not need to complete every lesson; these are just additional resources if required.

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