

## Online Learning - Year 6

Hello all, thank you for your emails over the last couple of days, showing me all the brilliant things you've been doing. Keep it up! This document is a 'home learning guide' and will tell you what I'd like you to complete. In this document, there are sections. These are: 'Projects', 'set work', 'extra learning resources' and 'HELP!'. Please read all of the information carefully.

### Projects:

Create a presentation to show your understanding of our geography topic: Volcanoes, Earthquakes and Mountains. The presentation slides can be created on a computer or on paper. In your presentation, I'd like you to discuss the following points:

Red = previous learning

Green = new learning

- The layers of planet Earth
- The continents and oceans of the world
- Tectonic plates
- How tectonic plates move and what happens when they move
- Earthquakes and what causes them
- How are mountains formed
- Major mountains of the world
- How do volcanoes work
- Different types of volcanoes
- Major volcanoes of the world
- Advantages and disadvantages of living on/near a volcano

Remember to add or draw pictures to keep your presentation engaging and specific. Use Purple Mash - geography, the internet and any books that you have at home to deepen your understanding and to add more detail to your slides.

I have attached the Knowledge Organiser at the end of this document to help guide you.

### Additional Project:

Our next history unit is 'The Windrush Generation'. Research The Windrush and create a double page spread based on your understanding. Below are some links that will help you with your research:

[The arrival of the Windrush - BBC Bitesize](#)

[Lesson: The Windrush generation | KS2 History | Oak National Academy](#)

### Set work:

Work has been allocated on Purple Mash via 'ToDos'

Work has been allocated on MyMaths

Passwords are in your reading record if you can't remember them

### Extra learning resources:

- Art: [Art for Kids Hub - YouTube](#)
- English: Here are 8 punctuation based lessons. How many can you complete?  
[Unit: Punctuation | KS2 English | Oak National Academy](#)

Write your answers on paper or type them on a computer if you are unable to print any worksheets.

- PE: Keep active! If it is safe to go outside and you have permission, get active outdoors. If not, can you practise your throwing/catching skills indoors? Can you develop your gymnastic movements? How many kick-ups can you do with a sponge ball or a pair of rolled up socks?

### **HELP!**

If you are needing any help at all then you can email me via Purple Mash 2email.

Alternatively, parents can email me on [year6@foxhill.bradford.sch.uk](mailto:year6@foxhill.bradford.sch.uk)

I will respond to all emails as soon as possible.

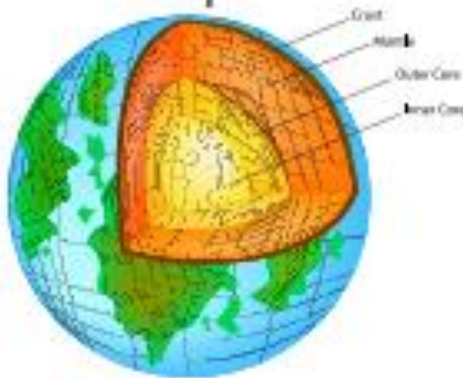
Enjoy the learning I've set and be creative with how you structure it! Hopefully see you all very soon.

Mr. Linsel



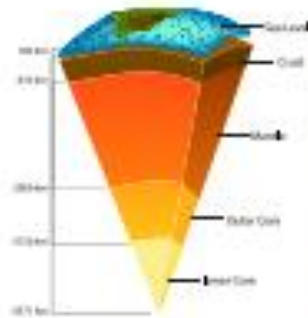
### structure of the earth

Layers of the earth



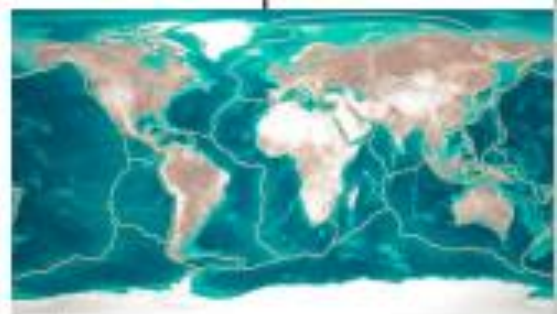
### tectonics

Latin = building  
(process that controls the structure of the Earth's crust)



### tectonic plates

massive slabs of irregular shaped rock that continents and oceans sit on



tectonic plates separate, scrape or collide



pull apart

volcanoes (few earthquakes)



fissures

(long cracks in ground)

magma escapes

(liquid rock from the Earth's crust)

new rock crust is formed

Rift Valley in Africa or mid ocean ridge in the Atlantic (moving 2.5 cm a year)



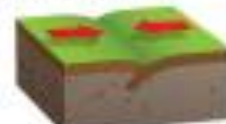
scrape alongside

volcanoes earthquakes

grind each other

no space for magma to rise

San Andreas Fault  
Los Angeles and San Francisco



collide (bend and slide)

volcanoes earthquakes

ocean plate meets another ocean plate or continental plate

one will bend and slide under the other

volcanic mountain ranges  
Andes or island chains like Japan



collide (buckle)

volcanoes earthquakes

two continental plates meet

towering fold mountain ranges

Himalayas  
Mount Everest

### mountains



fold mountain



dome mountain

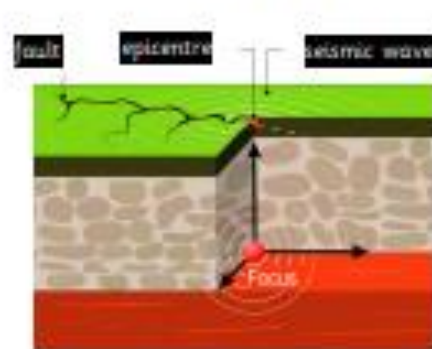


fault-block mountain



volcanic mountain

### earthquakes



Shock waves are produced when tectonic plates pull apart, scrape or collide

### volcanoes

Latin: Vulcanus = god of fire



Fissure volcano



Shield volcano



Stratovolcano



Caldera volcano