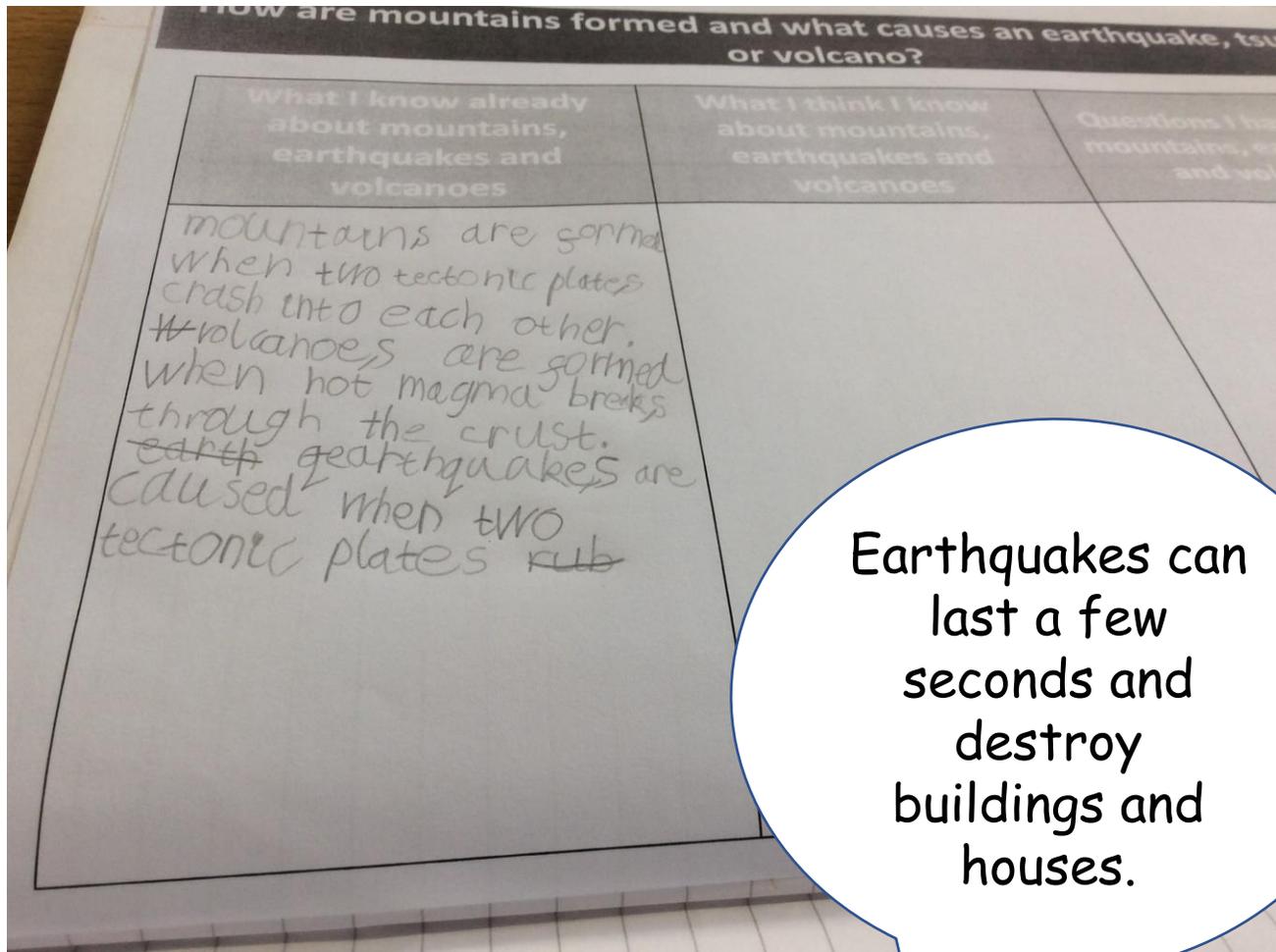




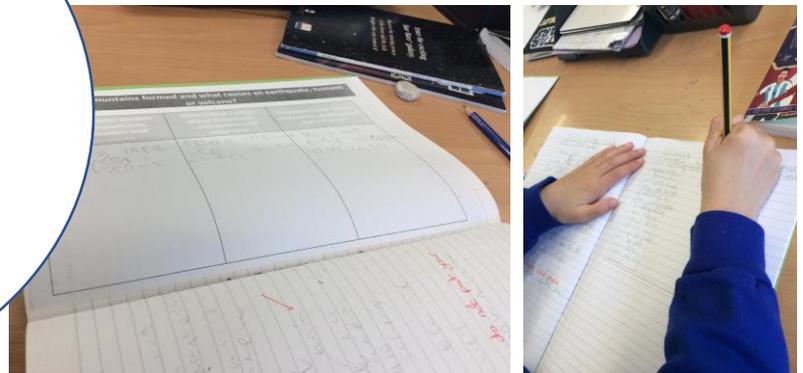
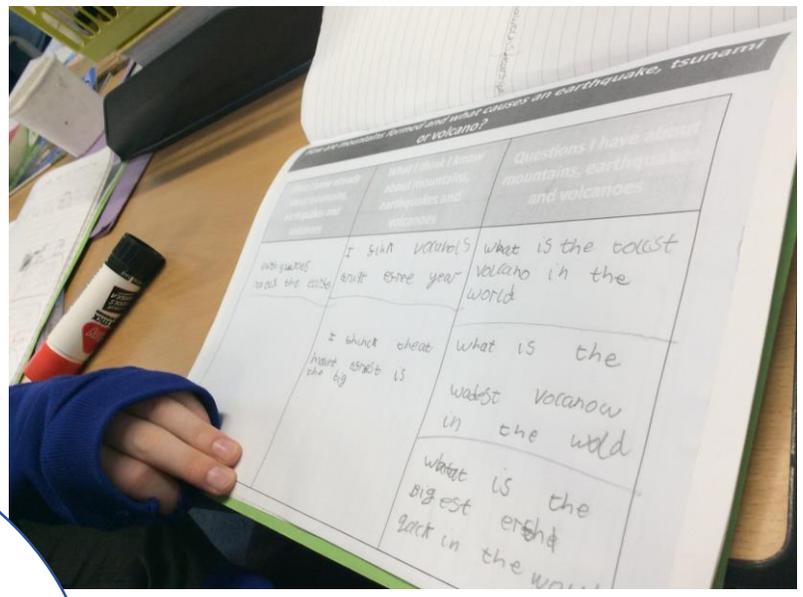
# Geography Summer 2023

Mountains, earthquakes  
and volcanoes.

Class Tamar

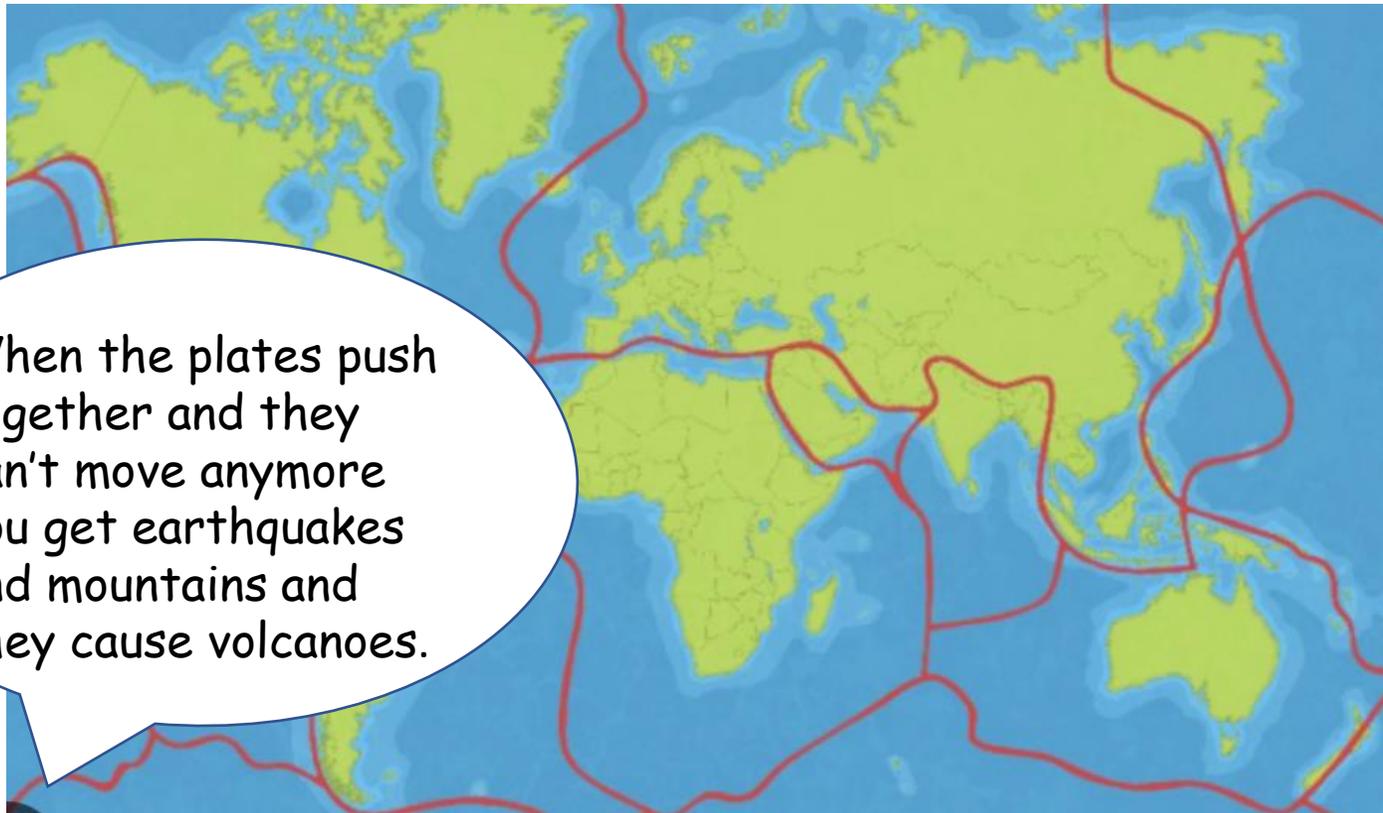


Earthquakes can last a few seconds and destroy buildings and houses.



First, we thought about what we already knew about mountains, volcanoes and earthquakes.

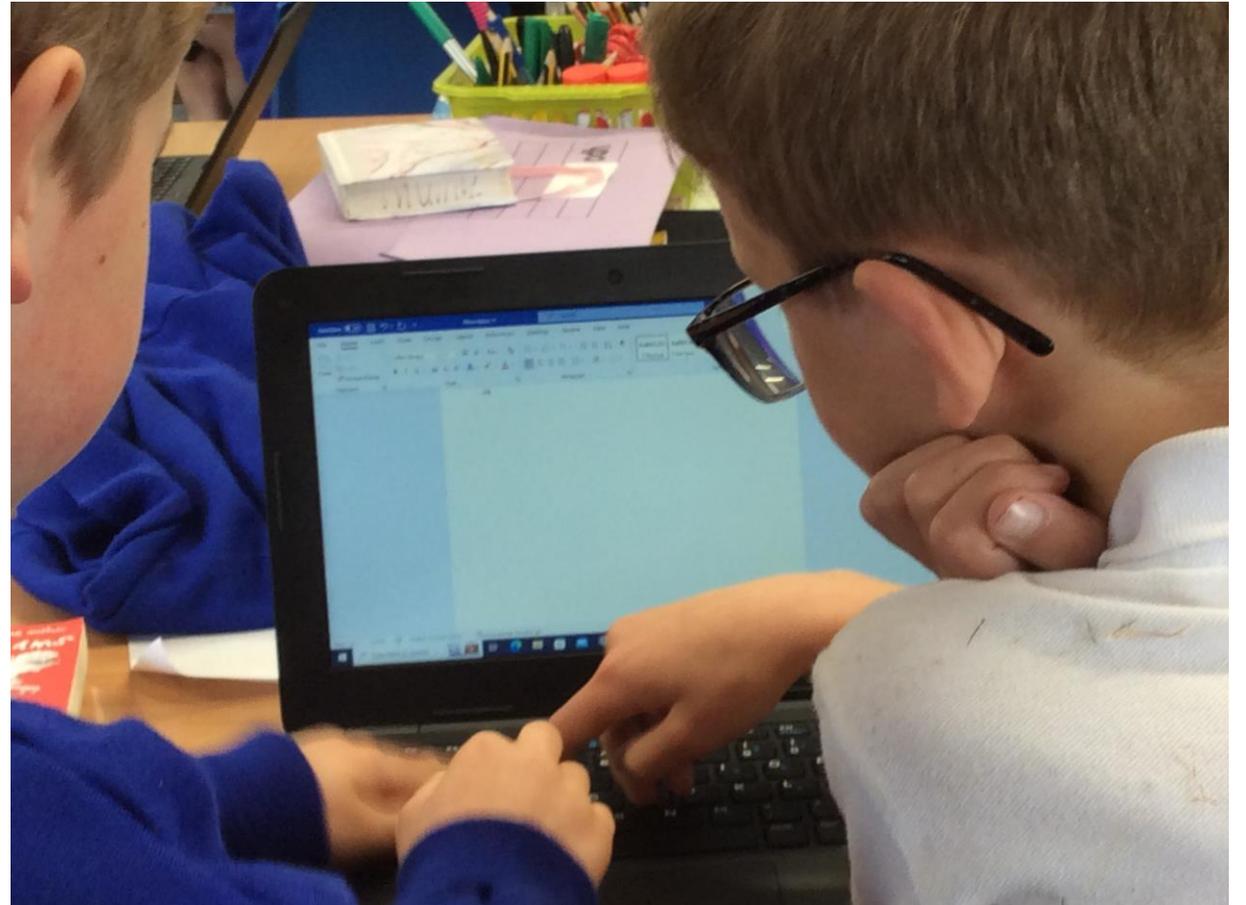
We found out that mountains are formed by tectonic plates. Tectonic plates are HUGE pieces of the Earth's crust which move very slowly.



When the plates push together and they can't move anymore you get earthquakes and mountains and they cause volcanoes.

We used our computer research skills to find out about different mountains and save it to our own folder.

I researched mountains and found out there are 4 types including dome mountain.

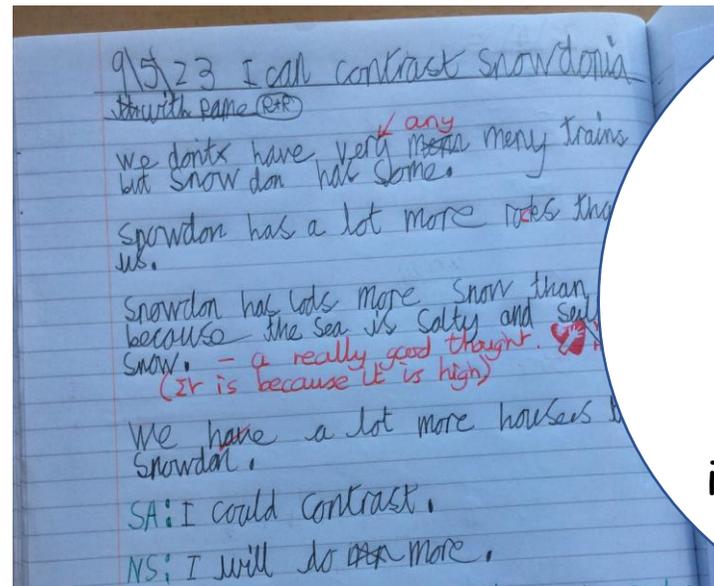
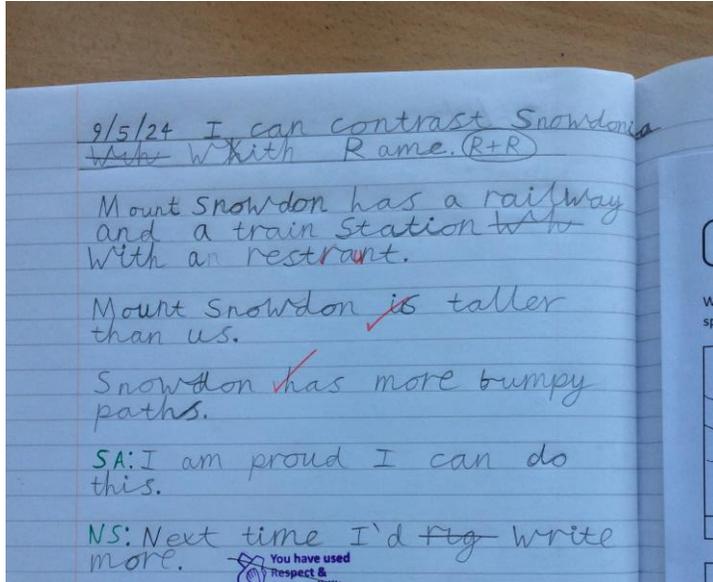


We found that the highest mountain in the world was Mount Everest at 8848 metres high.



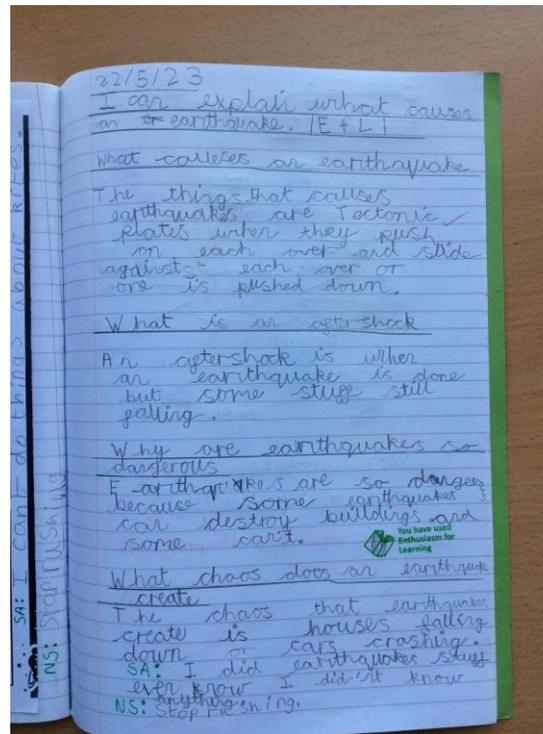
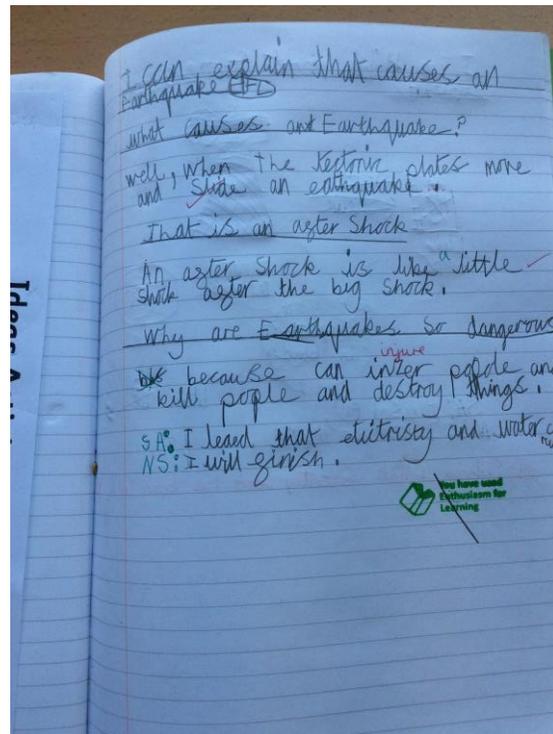
There is not much air at the top of Everest so you have to wear an oxygen mask so you can breath.

We found that Mount Snowdon is the highest mountain in England at 1084 metres and compared it and Snowdonia to our local area.



In Snowdonia there are mountains and in the Rame area we do not have any. Mount Snowdon has a train system and stations and in Millbrook and Cawsand we don't.

# We thought about how earthquakes are created.



In earthquakes buildings can be damaged and people can get injured, hurt or killed.



# Geography Year 4 Knowledge Organiser

## Main Learning: Mountains, Earthquakes and Volcanoes

Key knowledge	Vocabulary	
Know how mountains were formed and what causes earthquakes or volcanoes	tectonic plates	Slabs of moving rock on the Earth's outer shell
Know what tectonic plates are	lava	Hot, molten or semi -fluid rock
Know how mountains are formed	strata	Layers of rock
Know and locate the best known mountains in the UK and the world	eruption	An explosion of steam or lava from a volcano
Know what causes an earthquake	summit	The very top of the mountain
Know what causes a volcano	tsunami	A long, high wave usually caused by an earthquake in the ocean



**Prior Knowledge-**  
**Biomes and rainforests and what it is like in Whitby.**  
**Local area and what different countries of the UK.**  
**Sketch maps and keys / legends.**

### Personal development

Knowledge of the physical world around them and the potential impact on humans including death.  
 Links with geography, disaster zones. Jobs in geophysics and fracking / hot water schemes