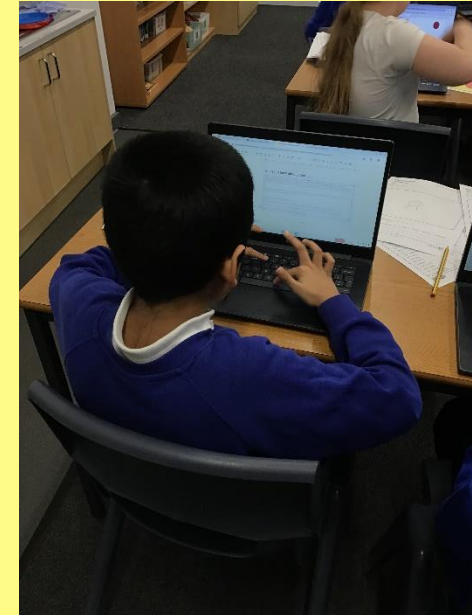




***Year 6***

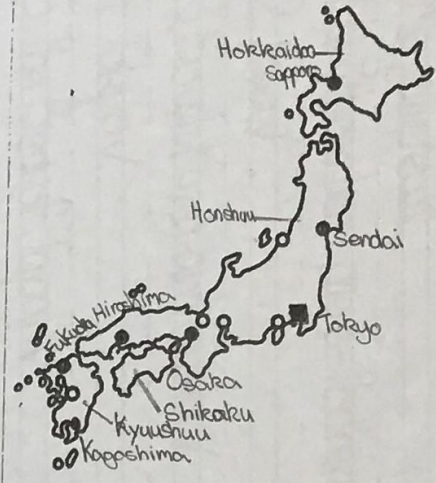
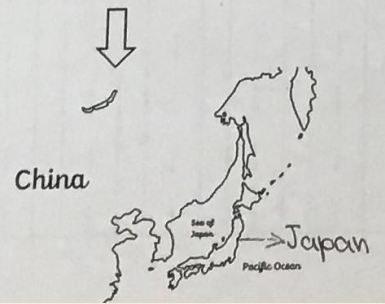
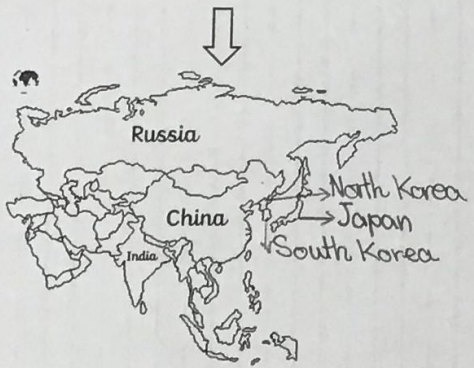
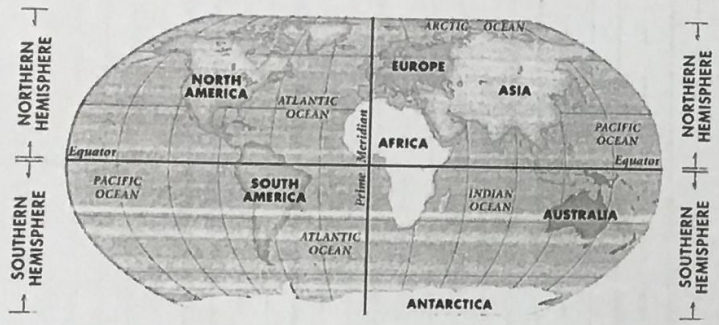
***Extreme Earth***



We started our topic with a Japan day where we researched Japan, learnt to write in Japanese and had a karate lesson!

Tuesday 9th January 2024

To locate Japan and its surrounding seas and oceans on a map.  
To identify the capital city and other major cities of Japan. I



The capital city of Japan is Tokyo. ✓  
The 4 countries that neighbour Japan are North Korea, South Korea, Russia and China. ✓  
Tokyo is a city in Honshu. Sapporo is a city in Hokkaido. ✓  
Kagoshima is a city in Kyushu. ✓  
The 2 bodies of water that surround Japan are the Pacific Ocean and the Sea of Japan. ✓



Monday 15<sup>th</sup> January 2024

O. To use latitude and longitude including the meridian line, to pinpoint the location of a country.

Memory recall

1. Southern hemisphere - Northern hemisphere

2. Asia ✓

3. South Korea and China ✓

4. Tokyo ✓

5. The Sea of Japan ✓

6. The Ring of fire ✓

7. white and red ✓



- |                    |               |             |              |
|--------------------|---------------|-------------|--------------|
| 1) Johannesburg ✓  | (26°S, 28°E)  | 8) Cairo ✓  | (30°N, 31°E) |
| 2) London ✓        | (51°N, 0°)    | 9) Moscow ✓ | (55°N, 37°E) |
| 3) Brasilia ✓      | (16°S, 47°W)  | 10) Rome ✓  | (41°N, 12°E) |
| 4) Washington DC ✓ | (38°N, 77°W)  |             |              |
| 5) Canberra ✓      | (35°S, 149°E) |             |              |
| 6) Beijing ✓       | (39°N, 116°E) |             |              |
| 7) Mexico City ✓   | (19°N, 99°W)  |             |              |

Thursday 25<sup>th</sup> January 2024

E.O To describe how an earthquake occurs and understand the frequency of earthquakes in Japan.

Vocabulary	Definition
Crust	The outer layer of the Earth ✓
Tectonic plates	Hard sections of the crust ✓
Fault lines	The edges of the tectonic plates ✓
Convergent boundary	When 2 tectonic plates push towards each other ✓
Divergent boundary	When 2 tectonic plates pull away from each other ✓
Transform boundary	When 2 tectonic plates pull away from each other ✓ pass
Earthquake	A build up of energy released by tectonic plates ✓
Tsunami	A big wave caused from an earthquake under the water ✓
Richter scale	A scale that measures an earthquake ✓

Monday 29<sup>th</sup> January 2024

E.O To explain the cause of a tsunami and list the possible hazards and effect

Tsunami

"Tsunami" is a Japanese word meaning "harbour wave". It is pronounced "tsoo-NAM mee".

A tsunami is a very large ocean wave that is extremely dangerous. With typical waves, water flows in circles. However, with a tsunami, water flows in one straight line. This is why tsunamis cause so much damage.

Tsunamis range in size from a few centimetres to ~~80~~ over 60m. In deep waters away out in the ocean, tsunamis are rarely over 10cm and are not normally noticed by ships. As tsunamis move closer to shallow water and the shore, the wave gets more than ten times taller.

Normally, a tsunami appears on the shore as a rapidly advancing tide. In some cases, a wall of water or series of breaking waves may form. A large tsunami can flood land over a mile from the coast.





The Earth is made up of different layers: the core, the mantle and the crust.

The Earth's surface is called the crust and is made up of tectonic plates.

Tectonic plates are always moving.

The edges of tectonic plates are called fault lines.

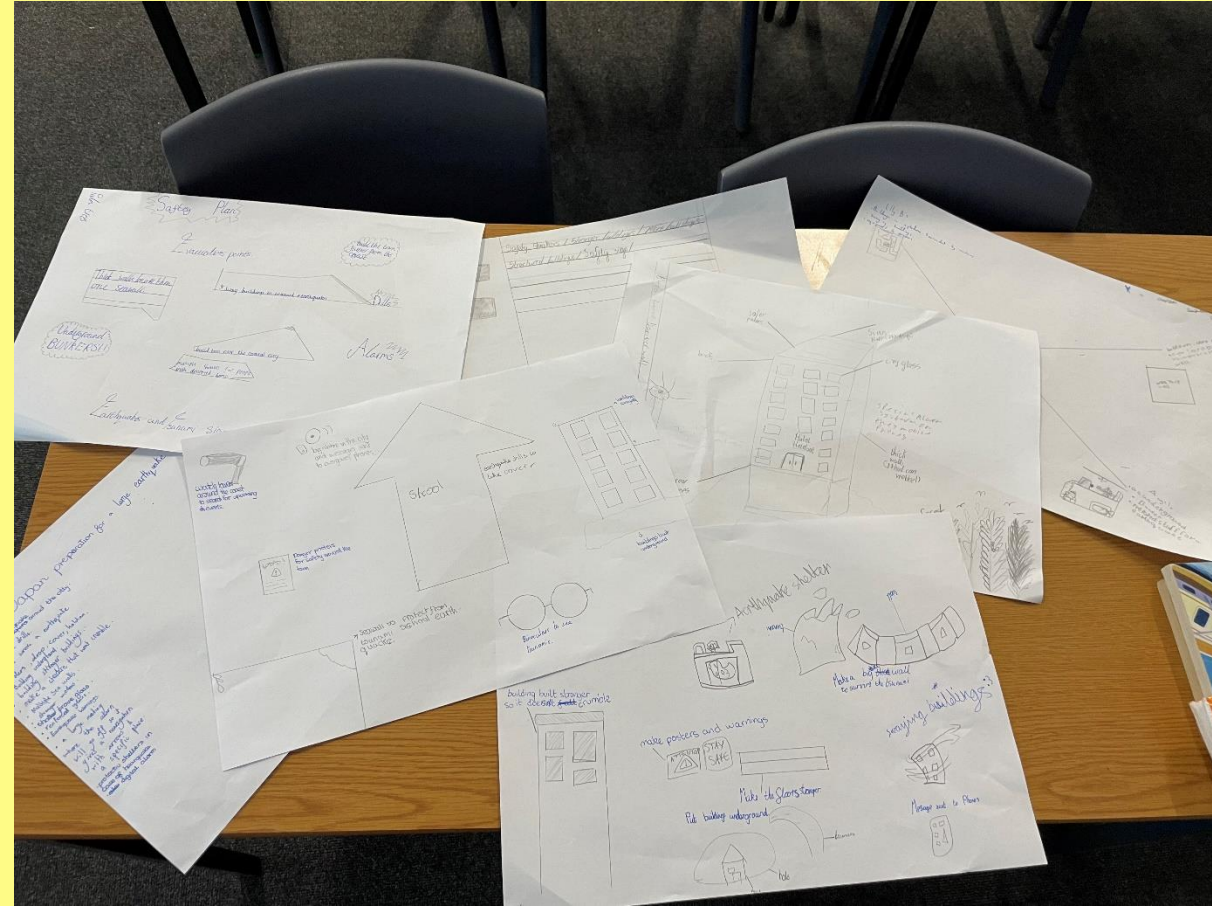
Faults can rub together, push towards or pull away from each other.

Earthquakes occur when tectonic plates move in different directions.

If an earthquake occurs beneath the ocean, it can cause a tsunami.

We pretended to work for the Japanese Government and came up with different ways to protect coastal towns in Japan from earthquakes and tsunamis.

Our ideas included building coastal walls, earthquake resistant buildings, displaying signs and having earthquake and tsunami drills in school so children know what to do in an emergency.



## **Pupil voice**



*“Japan is in Asia in the northern hemisphere.”*

*“There are 4 main islands, however, over 3,000 islands make up Japan.”*

*“The countries that surround Japan are China, Russia, North and South Korea.”*

*“Japan has earthquakes and extreme events due to the tectonic plates moving.”*