

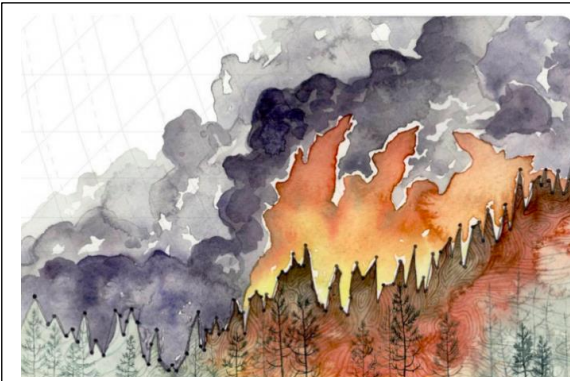
## Earthquakes:

The Earth is made up of different layers. The crust, which is the outer most layer, is made up of different pieces called tectonic plates. These plates fit together like a jigsaw.



As plates move in different directions over long periods of time, friction causes energy to build up.

It becomes so great that the energy is released, which creates a shock wave - an earthquake. Did you know that there are thousands of earthquakes across the world every day?



Jill Pelto – Wild fires

This artist's paintings are inspired by climate change.

## Dolphin Homework and Knowledge Organiser: Our Planet

Over this half term you need to do 3 activities. **Choose one literacy task and one other from the list below plus My Maths.**

You can do your chosen activities in any order, but the first one must be returned by Thursday 11<sup>th</sup> January, the second by Thursday 25<sup>th</sup> January and the third on Thursday 8<sup>th</sup> February.

1. **My Maths** - You will find 3 pieces of homework set for you. Sometimes it's better to do this as the 2<sup>nd</sup> activity to give us time to go over it. You need to do all of the set tasks to count as one homework.

2. **Literacy- Either**  
**Extreme Reading challenge!** To celebrate World Book Day on **Thursday 7th March 2024**, we are running a whole school Extreme Reading competition! Please ask an adult to take a photo of you reading a favourite book in an unusual or extreme (but safe!) place or position! Please post your photos on Class Dojo. There will be prizes for the most unusual! Winners to be announced on World Book Day.

**OR**

**Diary** - Write a diary from the point of view of someone experiencing an extreme weather event.

3. **Topic**

**Fact File** - Make a fact file about earthquakes -think about how they happen, where they happen and why.

**Research** - Research a famous Earthquake. Display your information in a poster

**Make** - a volcano. You could use clay, paper mâché, lego or whatever you have available

**Create** - Create a collage of photos, either on computer or by cutting and sticking, of extreme weather conditions **you have seen**. Photos of the sea and sky around Cornwall, particularly during stormy weather, would be great. You may even get some of snowy conditions!

**Draw** - Artists through the ages have often been inspired by extreme weather conditions. There are some examples here. See what other examples you can find, then draw or paint a picture of extreme weather.



The East Wind – Charles Burchfield



Snow Storm – JMW Turner



The Great Wave - Katsushika