

# Geography – Year 4 – spring 2 – Extreme earth

## Vocabulary

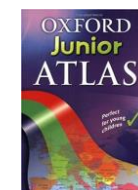
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|------------------------|--|
| <b>blizzard</b>        | A type of weather with wind and snow.  |
| <b>climate</b>         | The general weather conditions that are typical.   |
| <b>distribution</b>    | The way that something is spread out.  |
| <b>drought</b>         | Weather conditions where there is no water and everything has dried up. Often over months. |
| <b>earthquake</b>      | When the earth's plates collide, causing the land to shake.                                |
| <b>hurricane</b>       | Extreme weather where strong winds and rain cause damage to places.                        |
| <b>map</b>             | A picture showing the countries around the world or a specific area within the world.      |
| <b>tectonic plates</b> | The earth's surface is split into pieces, like a jigsaw. These plates move.                |
| <b>tornado</b>         | Extreme weather involving very strong winds. Often causes damage.                          |
| <b>tsunami</b>         | An underwater earthquake that causes huge amounts of water to move on land.                |
| <b>volcano</b>         | Gaps in the earth's surface where magma comes out.   |
| <b>weather</b>         | The state of the atmosphere in a particular place on earth.                                |

## Skills

- To be able to locate the countries on a map, an atlas and a globe.
- To compare human and physical features of countries, saying how they are similar or different.
- To use compass points to describe the location of the countries in relation to each other.

## Books

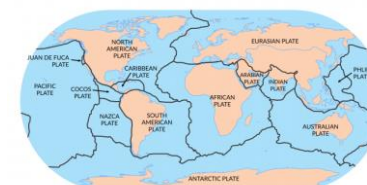
- Oxford Junior Atlas.**
- The Oxford First Atlas.**



## Knowledge

### By the end of this topic you will learn:

- To know there are 7 continents; Europe, Asia, Australia, North America, South America, Africa and Antarctica and where they are on a world map.
- Be able to name which continent the countries; China, Spain, France, USA, Egypt and Brazil are in.
- Be able to use geographical vocabulary to describe human and physical features of countries and compare them for similarities and differences.



| What I should be able to do and know now.  | Growth Mindset Strategies   | What I will know and be able to do at the end of the topic.  |
|--|---|--|
| <p><b>Knowledge:</b></p> <ul style="list-style-type: none"> <li>• To know that the water cycle is a continuous process.</li> <li>• To Know that the weather is different around the world.</li> <li>• To know that some weather can be dangerous and life threatening.</li> <li>• To know that some areas suffer from earthquakes.</li> <li>• That a volcano spits out lava.</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>• Use a 4-point compass to describe location (North, East, South, West).</li> <li>• Find countries on a map.</li> <li>• Explain how the water cycle works.</li> </ul> | <p><b>If I find something challenging I can:</b></p> <ul style="list-style-type: none"> <li>• Look back at the information I have been given.</li> <li>• Ask a friend if they can help me.</li> <li>• Use a dictionary or I-pad.</li> <li>• Look at the example the teacher gave me.</li> <li>• Use the big map in our school corridor.</li> </ul> <p><b>What I will be learning</b></p> <ul style="list-style-type: none"> <li>• To find out about the water cycle and the distribution of water across the world.</li> <li>• To find out about the Earth's climate and areas of extreme temperatures.</li> <li>• To find out about extreme weather conditions across the world.</li> <li>• To find out about earthquakes and what causes them.</li> <li>• To find out about tsunamis and how they are caused.</li> <li>• To find out what volcanoes are and how they are formed.</li> </ul> | <p><b>Knowledge:</b></p> <ul style="list-style-type: none"> <li>• Can you name 3 types of extreme weather?</li> <li>• Can you explain how the water cycle works? How can this lead to floods or drought?</li> <li>• What is an earthquake?<br/>An earthquake is caused by the earth's plates ...</li> <li>• What is a tsunami?<br/>A tsunami is caused when...</li> <li>• Can you name a famous tsunami? What impacts did it have on the people and the place?</li> <li>• Can you explain how a volcano is formed?</li> <li>• Why do some places suffer from earthquakes, tsunamis and volcanoes and other places don't?</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>• Use an Atlas to locate a map relevant to my research on a country.</li> <li>• Research an area and the impacts the extreme weather has had on it.</li> <li>• Explain how tsunamis, earthquakes and volcanoes are formed using diagrams to help me.</li> </ul> |

