

Week 1: Evidence of Climate Change	Week 2: Causes of Climate Change	Week 3: Impacts on the UK
<ul style="list-style-type: none"> <li>●Climate - The average weather conditions over the course of a year</li> <li>●Quaternary - This is a period of time from 2.6 million years ago to the present day</li> <li>●Climate change has occurred since the Earth was formed 5.6 billion years ago. For the past 800,000 years, where we have reliable data, climate change has been a natural phenomena.</li> <li>●To prove that climate change was a natural event we looked at the relationship between CO<sub>2</sub>, global temperature and sea levels</li> <li>●To see current climate change we use evidence from a range of sources such as, satellite images, photographs and atmospheric data</li> </ul>	<ul style="list-style-type: none"> <li>●Human factor —action taken by humans</li> <li>●Natural factor —something that occurs naturally</li> <li>●Climate change is a natural occurring event which has been accelerated due to human activity.</li> <li>●Human causes of climate change are due to our everyday activities.</li> <li>●Human activities that cause climate change include:                             <ul style="list-style-type: none"> <li>-burning fossil fuels,</li> <li>-deforesting our rainforests,</li> <li>-drinking milk</li> <li>-eating meat.</li> </ul> </li> <li>●Natural causes of climate change are due to changes in the Earth’s orbit of the Sun, solar activity and volcanic eruptions.</li> </ul>	<ul style="list-style-type: none"> <li>●Extreme Weather - These are events that are unusual due to their severity</li> <li>●There were record levels of rainfall in February 2020</li> <li>●April had a record number of dry days</li> <li>●One of the major impacts of climate change is the melting of the polar ice caps at the North and South Pole</li> <li>●Rising sea levels will claim areas of land which have a human use.</li> <li>●Fertile farmland to urban areas such as Liverpool and Cardiff will be lost</li> <li>●All of the United Kingdom will be affected by rising sea levels.</li> <li>●This is due to Britain being an island nation that has relied on the sea for economic development</li> </ul>
Week 4: Impacts on Asia and Middle East	Week 5: impacts on Africa	Week 6: What can you do?
<ul style="list-style-type: none"> <li>●Uninhabitable— a place where humans cannot live</li> <li>●Scarcity— where there is a lack of resource such as food, water or energy</li> <li>●Russia is impacted by climate change with the melting of the permafrost</li> <li>●Polar bears will start to migrate southwards due to a lack of food in the Arctic North</li> <li>●The Himalayan Glaciers will melt which results in an increase in flooding</li> <li>●In addition glaciers are a water source for 1.9 billion people</li> <li>●Parts of the Middle East will become uninhabitable due to rising temperatures. Food and water will become more scarce in the region which will increase conflict between nations.</li> </ul>	<ul style="list-style-type: none"> <li>●Arid- where water is a scarce</li> <li>●Desertification– the increased size of a desert</li> <li>●The Western Sahel Region of Africa is threatened by the encroaching of the Sahara Desert</li> <li>●Land is being swallowed up by the desert due to a lack of rainfall and deforestation</li> <li>●Farmland is lost by the desert growing</li> <li>●This means people are migrating to the cities</li> <li>●86% of Burkina Faso’s GDP is at risk due to water scarcity and the disappearance of farmland.</li> </ul>	<ul style="list-style-type: none"> <li>●Adapting- making something suitable for a new use or purpose.</li> <li>●Carbon Footprint— the amount of carbon used in everyday life.</li> <li>●To help reduce the causes of climate change we need to reduce our carbon footprint. This means we need to walk, cycle and use public transport more</li> <li>●In addition, we need to consider our buying habits. We need to look for products which don’t use palm oil</li> <li>●We need to eat food which is locally produced and reduce the amount of animal based products</li> </ul>