



# Whingate Primary School - Geography




## Climate Change



## YEAR 5

Interesting Fact 1:	Interesting Fact 2:	Interesting Fact 3:	Interesting Fact 4:	Your Interesting Fact :
The last decade was the hottest in 125,000 years.	We are losing 1.2 trillion tons of ice each year. That is the same weight as all living things on Earth!	It could become too hot to live in many places on Earth by the end of the century.	The Golden Toad is the first species to go extinct due to climate change.	

What we will learn in this unit (skills):	Vocabulary:	Diagrams:
<p>We will:</p> <ul style="list-style-type: none"> <li>- Use world maps, atlases and globes to locate countries (physical and digital).</li> <li>- Begin to use latitude/longitude</li> <li>- Ask and answer questions that are more causal e.g. Why is that happening in that place? Could it happen here? What happened in the past to cause that? How is it likely to change in the future?</li> <li>- Begin to use precise geographical language relating to human and physical processes</li> <li>- Begin to use and interpret live data (e.g. weather patterns, events)</li> </ul>	<p><b>co-ordinates</b> - regions of the world with similar climate, animals and plants.</p> <p><b>carbon</b> - (dioxide) gas released into the atmosphere, associated with climate change.</p> <p><b>climate</b> - the weather conditions and temperature in an area over a long period of time.</p> <p><b>climate change</b> - .....</p> <p>.....</p> <p>.....</p> <p><b>equator</b> - the way in which heat is trapped close to Earth's surface by greenhouse gases.</p> <p><b>latitude</b> - lines which run parallel to the equator to find out how far north or south a place is.</p> <p><b>longitude</b> - lines which run from the top to the bottom of the Earth to find out how far east or west a place is.</p> <p><b>Northern Hemisphere</b> - the half of the Earth that lies north of the equator.</p> <p><b>North Pole</b> - the northernmost point on Earth.</p> <p><b>Southern Hemisphere</b> - the half of the Earth that lies south of the equator.</p> <p><b>South Pole</b> - the southernmost point on Earth.</p>	
What we will learn in this unit (knowledge):		Sticky Knowledge:
<p>We will:</p> <ul style="list-style-type: none"> <li>- Begin to develop understanding of lines of latitude and longitude.</li> <li>- Name and locate countries of the world.</li> </ul>		<ul style="list-style-type: none"> <li>- Know that latitudes are horizontal lines that measure distance north or south of the equator.</li> <li>- Know that longitudes are vertical lines that measure east or west of the meridian in Greenwich, England.</li> <li>- Identify the position of latitude and longitude and time zones.</li> <li>- Use maps to identify different time zones.</li> <li>- Use maps to locate lines of geographical significance.</li> </ul>

