



Geography	Year 5		
Focus: Climate zones and climate change			
Age related geographical vocabulary			
Climate zone- areas around the world with specific patterns of weather	Microclimate- small area with a different climate to its surroundings	Climate change- a change in the typical weather for a region — such as high and low temperatures and amount of rainfall — over a long period of time	Impact– affect on something caused by an action or behaviour

### Key Knowledge

- The coldest climates are found in the Arctic and Antarctic, whilst the hottest areas are found in countries near the Equator.
- weather is the general day-to-day conditions of a place, while the climate is the pattern of this weather over a long time.
- The six climate zones on earth are:
  - Tropical:** hot and humid & sit directly opposite the Equator.
  - Arid (Dry):** extremely dry & often deserts.
  - Mediterranean:** hot, dry summers but cold, dry winters.
  - Temperate:** mild summers & winters that aren't too cold, (U.K.) Moderate conditions all year round.
  - Continental:** long, cold winters & short, hot summers.
  - Polar:** long periods of extremely cold conditions.
- Human activities—such as burning fuel—cause the atmosphere to trap more heat than it used to, leading to a warmer Earth. This is the **impact** we are having on the world.
- Activists want us all to help end climate change by making changes to our daily lives

Geography	Carlton Assessment Grid		
Success Criteria	Pupil Reflection		Teacher Assessment
I can describe and understand key aspects of climate zones	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can describe and understand what a microclimate is and how it is formed	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can describe and understand climate change and the impact human behaviour has had on the world	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can carry out a geographical enquiry about climate change	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can communicate my learning	Before <input type="checkbox"/>	After <input type="checkbox"/>	