



**Important places I will visit**

**Starcross, Exe Estuary, South West England**

**Victoria, Australia**

**Gambia**

**Greenland**

**Important processes I will explain**

Some sunlight that hits Earth is reflected back into space, while the rest becomes heat.

Greenhouse gases prevent heat from escaping into space, warming the planet.

**The Greenhouse effect**

Temperature change in the last 50 years

2011-2020 average vs 1951-1980 baseline

-0.5 -0.2 +0.2 +0.5 +1.0 +2.0 +4.0 °C

-0.9 -0.4 +0.4 +0.9 +1.8 +3.6 +7.2 °F

**Global warming**

**Enquiry Question : How is climate change affecting the world?**

**Step 1**  
I can investigate how climate change affects people living in the Gambia.

**Step 2**  
I can investigate climate change in Australia and how it affects the people that live there.

**Step 3**  
I can explain how some coastal communities are affected by climate change.

**Step 4**  
I can explain how people all over the world are noticing that the weather they are used to is changing, including my local area. (+Fieldwork)

**Step 5**  
I can explain the implications of changing weather patterns on the people of Greenland.

**Step 6**  
I can explain what people can do about global warming.

**National Curriculum**

**how changing patterns of weather at different locations around the world are impacting on the lives of real people**