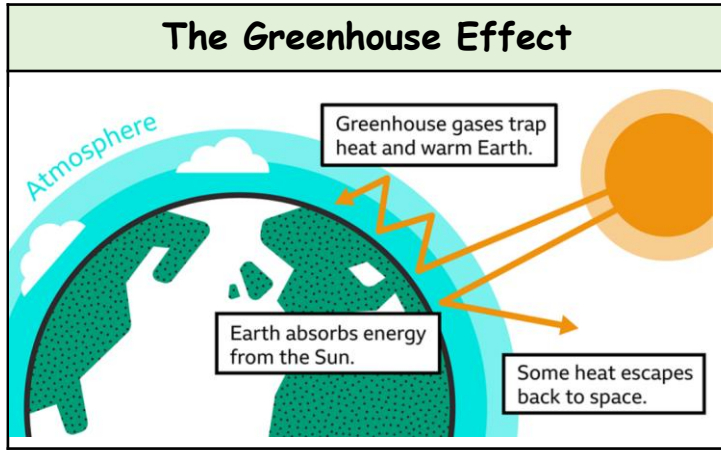


# Greenfields Community School- Knowledge Organiser

<b>Geography focus</b>	<b>I wonder how climate change is affecting our planet</b>	<b>Year 6</b>	<b>Spring 2</b>
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Five Fabulous Facts about climate change
I know that global warming is the long-term rise in the earth's temperature caused by the increase in the greenhouse effect.
I know that human activities such as burning fossil fuels, deforestation and using carbon emitting transport has contributed to the increase in the greenhouse effect.
I know that climate change is affecting the polar regions by causing ice to melt at a quicker rate.
I know that climate change is causing extreme weather events around the planet such as droughts, heatwaves, flooding and hurricanes.
I know that some types of mitigation against climate change are renewable energy, electric cars, reforestation and community action.



### Vocabulary

<b>Atmosphere</b>	<b>A layer of gases that surround the planet</b>
<b>Weather</b>	the current conditions outside
<b>Climate</b>	the average weather conditions in an area over a period of time
<b>Greenhouse Gas</b>	a gas in the atmosphere which reduces the loss of heat into space
<b>Greenhouse effect</b>	the process where greenhouse gases like CO <sup>2</sup> prevent the Earth's heat from escaping into space.
<b>Global Warming</b>	the slow increase of the earth's average temperature
<b>Carbon Emissions</b>	CO <sup>2</sup> added to the earth atmosphere by burning fossil fuels
<b>Ice Caps</b>	thick layers of snow and ice that cover areas of land
<b>Extreme Weather</b>	dangerous, unusual or unexpected weather that is different from normal weather patterns.

