



Comprehension

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Read 'Chart 1: What is Climate Change?' Now complete the following activities to see how much you can remember about what climate is and how it is changing:

QUICK QUIZ

Answer the following questions about Climate Change:

Climate is the overall w..... c..... experienced by an area or country.

The of the earth has naturally changed throughout history.

18,000 years ago ice, several miles thick, covered E..... and A.....

In medieval times, the climate in Wales was so warm they were able to grow which fruit?

Recently, temperatures on Earth have been rising a lot f..... than normal.

Why is this?

What THREE things need the Earth to be at a constant temperature to survive?

Global warming is a n..... process.

What is the layer of gas surrounding the Earth called?

Without this layer of gas, what would most of Earth be like?



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What is right/wrong?

Warm rays of heat from the sun reach the earth and **pass through/bounce off** the blanket of Greenhouse Gases.

The gases reflect some of the heat rays back out **to space/to the sun's** surface.

The rest of the rays travel to the earth's surface and **warm it up/cool it down**.

Greenhouse Gases therefore keep the earth at the **right/wrong** temperature

Fill in the blanks

Fill in the blank spaces with the missing words below:

Carbon Dioxide, one of the Gases, not only exists naturally in the atmosphere but is also produced when humans fossil fuels (coal, oil and gas). Cars, and factories all burn..... for (to make a car move or generate electricity). This adds more..... to the atmosphere, the blanket of greenhouse gases surrounding the earth. This means that fewer rays of from the sun are able to get out into space. So, much like a duvet keeps you warmer at night, the thicker blanket of..... is warming the earth up and changing our.....

Greenhouse	heat	energy	carbon dioxide
Burn	Climate	thicker	fossil fuels
Thickening	gases	power stations	back