

## One World – Read the information below

### Global Warming

Global warming is the gradual increase in the overall temperature of the earth's atmosphere. It is believed that global warming is happening at a faster rate now because of the increased strength of the greenhouse effect. The greenhouse effect is getting stronger because there are increased levels of carbon dioxide, CFCs, and other pollutants in the earth's atmosphere. This is believed to be a result of human activity. For example, this could be the burning of coal, oil, and natural gas (also known as fossil fuels). This means that the sun's heat is getting trapped in the earth's atmosphere and is resulting in an increase in the earth's temperature. This is having harmful effects on our amazing world and its wonderful people. Some examples of how global warming is affecting our planet is by the sea level has been rising more quickly over the last century, rain and snow have increased throughout the world and the number of Adelie penguins in Antarctica has fallen from 32,000 breeding pairs to 11,000 breeding pairs in 30 years. To prevent global warming from getting worse, we could strive to be better citizens. For example, we could begin to look after the environment more and respect the places that we live!

### **Answer the following questions**

*Define 'Global Warming' –*

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Research and give two examples of the effects of deforestation.

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What might happen if global warming gets worse? (Research).

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What does being a 'good global citizen' mean?

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What is one thing that you could do to be a better citizen and to prevent global warming from getting worse?

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**Extension task:** Create a poster on Global Warming, what it is and the effects that it has on the environment.

Include:

- What is global warming?
- How global warming affects the planet and animals.
- How we can be better people and try to reduce the impacts that global warming has on the world?
- Include some images!