Student worksheet

5.7 Humans can reduce global warming

Pages 134–135

Reducing global warming

1 What is a carbon tax and what is its purpose?

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2 What is carbon farming?

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3 What may be a disadvantage of carbon farming?

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4 Microbiologists are modifying the bacteria present in the stomachs of cows to reduce methane production. Suggest an alternative method to reduce methane production.

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5 Outline the process of geosequestration in reducing carbon emissions.

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Extend your understanding

Throughout the 2010 election campaign where Tony Abbott was running against Julia Gillard for Australian Prime Minister, the Australian Youth Climate Coalition (AYCC) ran a campaign to get all of Australia discussing climate change. This clever campaign forced both candidates and the Australian public to focus on the issue of climate change. Research the AYCC and answer the following questions.

6 What did the AYCC do in this campaign?

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7 Why did they do this?

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8 Outline the advantages of their campaign

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9 Why does the AYCC state that climate change is both a crisis and an opportunity?

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10 How long does the AYCC predict it will take for Australia to become 100% powered by renewable energy sources?

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11 What are the values of the AYCC?

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