

## D3: CUTTING GREENHOUSE GAS EMISSIONS

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### Overview

The purpose of this topic is to heighten the students' awareness of current greenhouse gas emissions and teach them how these emissions can be reduced to sustain the environment we need for living. The importance of managing our resources is also the theme of **STRAND A: ENERGY AND SUSTAINABILITY**.

Background information gives the students an appreciation of the global consequences of local actions. This section is research based; students use data to calculate different possibilities for reducing greenhouse gas emissions and then present the findings as recommendations.

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### Suggested approaches:

- As there is so much background information and data available, it is best to concentrate on the aspects most relevant to the students' lives.
- A short brainstorming session can be carried out to give you an idea of the awareness levels of the class.
- Divide the class into groups and assign relevant fact-sheets from the resources provided in this section. Ask each group to summarise what they have learned and present their findings to the whole class.
- Print the activity sheet cited in the resources section. Distribute it to the students after the brainstorming and fact-sheet sessions and ask them to complete it.
- Alternatively divide the class into groups and start with the activity sheet.

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### Resources:

- Visit the [EPA website](#) for information on Climate and what is being done and what you can do.
- See the [EPA's](#) information on Greenhouse Gas.
- The [Live Science](#) website examines the sources of greenhouse gases and their impact on solar radiation, global warming and climate change.