

# Adapting to Climate Change



L6A1/p1

## Understanding climate change

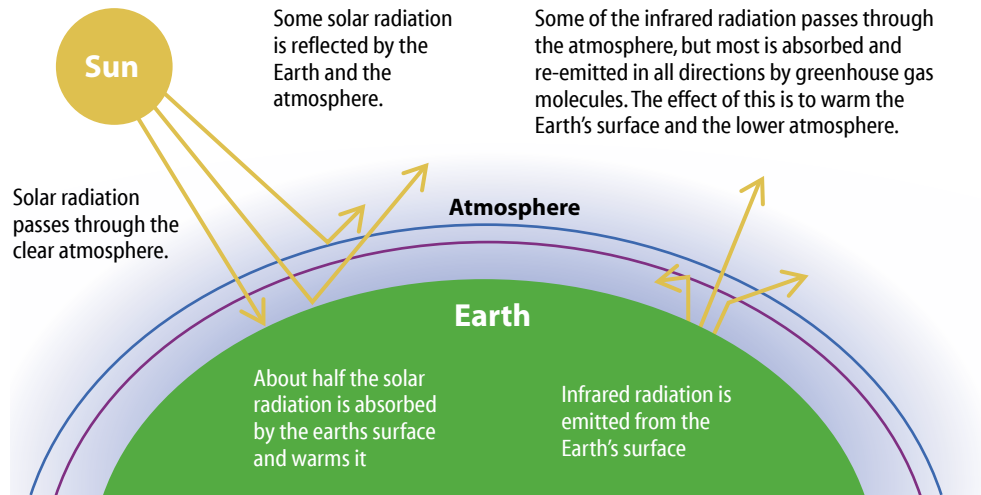


Figure 1: The greenhouse effect

1. You've heard of climate change. Work in a team of four to share what you already know about this phenomenon. Use the poster paper supplied by your teacher to record all of the words and ideas raised by your team about climate change. You only have five minutes – at the end of the time you should be prepared to report your information to the class.

2. Visit the Australian Government's climate change website by clicking the icon then follow this link:

### What is climate change?

Use the visual and written information presented to answer the following questions about climate change.

a. Explain the term 'greenhouse effect'. Use a simple diagram in your answer.



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b. Outline the difference between the 'natural greenhouse effect' and the 'enhanced greenhouse effect'.

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c. Carbon dioxide is 'greenhouse gas' that is present in our atmosphere, but it has been around as long as life has existed on Earth. Explain why it is a problem now.

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d. List three human activities that are key contributors to the greenhouse effect. Suggest how each factor adds to the problem of global warming.

Human activity	Impact of factor
1.	
2.	
3.	

