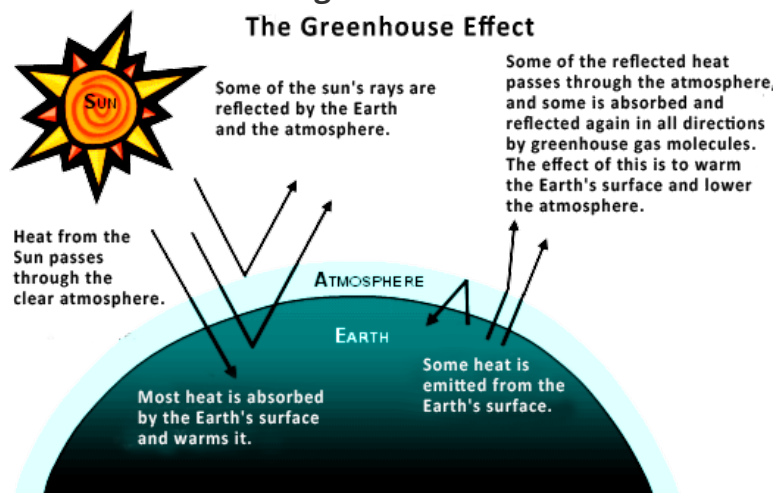


What do you know about the greenhouse effect?

This task is about the greenhouse effect on the Earth.



a) What is the main part that "greenhouse gases" play in keeping the earth warm? *(Select one)*

- ☐ They stop too much heat coming in from the sun.
- ☐ They let heat from the sun through to warm the earth.
- ☐ They make heat energy.
- ☐ They absorb reflected heat that would otherwise head back out into space.

b) Which of these greenhouse gases has the biggest warming effect?

- | | | | |
|--------------------------------------|---------------------------------------|---------------------------------------|------------------------------------|
| <input type="radio"/> carbon dioxide | <input type="radio"/> ozone | <input type="radio"/> carbon monoxide | <input type="radio"/> CFCs |
| <input type="radio"/> Methane | <input type="radio"/> Sulphur dioxide | <input type="radio"/> Nitrogen oxide | <input type="radio"/> Water vapour |

Explain your answer.

- c) Which of the following changes could happen if the greenhouse effect gets bigger?
Only select "yes" or "no" if you are certain you are right.
If you are not sure, choose the "don't know" option, so the class can discuss this idea later.

Possible enhanced greenhouse effect

1. New Zealand will be sunnier overall *Yes/ No/ Don't know*
2. New Zealand will have less rain overall *Yes/ No/ Don't know*
3. More people will get skin cancer *Yes/ No/ Don't know*
4. The air will get dirtier *Yes/ No/ Don't know*
5. Sea levels will rise around our coast *Yes/ No/ Don't know*
6. Violent storms will happen more often *Yes/ No/ Don't know*
7. Winters will get colder in New Zealand *Yes/ No/ Don't know*
8. Our glaciers will shrink *Yes/ No/ Don't know*

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