

What do you know?

Answer sheet

What do you know about the greenhouse effect and global warming?

The quiz is designed to provoke thought and discussion rather than lead to correct answers. Opinions may vary and the answers below are for guidance only.

A true **B** can't be sure **C** unlikely **D** false

1. A In the last 100 years CO₂ concentration in the atmosphere has risen by 29%.
2. D/B
3. C
4. B/A
5. A Sea levels rose by about 3 mm a year between 1961 and 2003.
6. C
7. B/C Farmers may need to change to crops more suitable for warmer climates.
8. A
9. D Methane, CFCs, N₂O, water vapour are also greenhouse gases.
10. B/A
11. A N and S America and northern Europe are getting wetter, while the Mediterranean and Africa are getting drier.
12. A Methane
13. D They have a very high global warming potential.
14. B Cloud cover is thought likely to increase over the colder parts of the globe.
15. A
16. D Abandoning internal combustion engines would not reduce the emission of CO₂ sufficiently to halt global warming. Because most electricity is generated from fossil fuel, using electric cars would not in fact help.
17. B More accurate to say hurricanes may be more common as a result of global warming.
18. D Air trapped in polar ice 150 000 years ago is being analysed by scientists today.
19. B The impact of such feedback is thought to be slight.
20. A