



## Climate change quiz

### Answers – Correct answer is underlined

- 1 Which of these is an example of climate change?
  - A windy day
  - A rainy day
  - **A hot summer day**
  - A sunny day
  
- 2 Where do greenhouse gases trap energy?
  - **In the atmosphere**
  - In the mountains
  - In outer space
  - In the soil
  
- 3 Which one of these is a greenhouse gas?
  - Oxygen
  - **Carbon dioxide**
  - Wind
  - Sulphur dioxide
  
- 4 For how long has the Earth's climate been changing?
  - 100 years
  - 1 million years
  - 1 billion years
  - **5 billion years**
  
- 5 What is one reason why scientists think that the sea is getting higher?
  - Ships make the water higher
  - **Melting glaciers add more water to the sea**
  - The ozone hole is warming the ocean
  - All of the above



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- 6 At what time in history did humans start to add lots of greenhouse gases to the atmosphere?
- Ice age
  - Great depression
  - **Industrial revolution**
  - Mesozoic era
- 7 Which one of these activities sends greenhouse gases into the atmosphere?
- **Riding in a car**
  - Riding a bike
  - Walking
  - Sailing
- 8 What do scientists study in order to learn more about past climate?
- Sediments
  - Ice
  - Tree rings
  - **All of the above**
- 9 Why have plants and animals been able to adapt to changes in climate in the past?
- Humans protected them from changing climate
  - **Past climate changes occurred slowly enough for the plants and animals to adapt**
  - The climate has not changed in the past, so plants and animals did not have to adapt to a new environment
  - Plants and animals always benefit from changes in climate
- 10 How can you help to slow global warming?
- Save electricity
  - Plant trees
  - Recycle
  - **All of the above**