

Climate Change Kids Quiz

Climate Change · Answer Key · 15 Questions

1. What is the main gas that humans produce by burning coal and oil that traps heat in the atmosphere?

- A) Oxygen
- B) Carbon dioxide**
- C) Nitrogen
- D) Helium

2. Which of these is a result of the Earth getting warmer?

- A) Melting ice at the poles**
- B) More snow in summer
- C) Less sunshine
- D) Stronger gravity

3. What do we call the patterns of weather in a place over a very long time?

- A) A season
- B) A forecast
- C) Climate**
- D) A wind

4. Which of these energy sources is considered 'clean' because it does not produce greenhouse gases?

- A) Coal
- B) Oil
- C) Natural gas
- D) Solar power**

5. What happens to the level of the ocean when land ice melts into the sea?

- A) It stays the same
- B) It goes up**
- C) It goes down
- D) It disappears

6. Which part of the Earth is warming up the fastest?

- A) The Equator
- B) The Arctic**
- C) The desert
- D) The ocean floor

7. What do trees help do to keep the Earth's air healthy?

- A) Make it hotter
- B) Absorb carbon dioxide**
- C) Create more wind
- D) Make rain stop

8. What is the layer of gases surrounding our planet called?

- A) The surface
- B) The atmosphere**
- C) The ocean
- D) The core

9. Which of these is a way to help reduce climate change?

- A) Using less electricity**
- B) Driving cars more often
- C) Cutting down more trees
- D) Burning more trash

10. What is it called when we use things again instead of throwing them away?

- A) Polluting
- B) Recycling**
- C) Mining
- D) Wasting

11. Why do scientists study the rings inside old trees?

- A) To count the leaves
- B) To see how fast they grow
- C) To learn about past climates**
- D) To find buried treasure

12. Which of these animals is losing its icy habitat due to warming temperatures?

- A) Camel
- B) Polar bear**
- C) Lion
- D) Cow

13. What provides the energy that powers the Earth's climate system?

- A) The Moon
- B) The Sun**
- C) The wind
- D) The stars

14. What is the name for the gases that act like a blanket around Earth?

A) Greenhouse gases

B) Noble gases

C) Oxygen gases

D) Cooling gases

15. How do we know the Earth is warming?

A) By reading storybooks

B) By measuring temperatures with thermometers

C) By asking the animals

D) By watching movies