

Climate Change Kids Quiz

Climate Change · Practice Test · 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