

Create 8 multiple choice questions on the natural causes of climate change for Year 8 pupils.

1. Which of the following is a natural cause of climate change?

- A) The combustion of fossil fuels
- B) Volcanic eruptions
- C) Deforestation
- D) Automotive exhaust

2. What is the greenhouse effect?

- A) The burning of fossil fuels
- B) A trapping of radiation by the Earth's atmosphere
- C) The destruction of the ozone layer
- D) Species extinction

3. What is the primary cause of the Earth's warming climate?

- A) Greenhouse gases
- B) Solar activity
- C) Volcanic eruptions
- D) Ozone depletion

4. How do changes in Earth's orbit affect the climate?

- A) By affecting the rate of snow accumulation
- B) By affecting the intensity of solar radiation
- C) By affecting the amounts of volcanoes
- D) By affecting wind patterns

5. What is the most significant natural cause of climate change?

- A) The greenhouse effect
- B) Solar variation
- C) Volcanic eruptions
- D) Ozone depletion

6. Which gas present in the atmosphere contributes most to the greenhouse

effect?

- A) Carbon dioxide
- B) Nitrogen
- C) Oxygen
- D) Methane

7. What is the effect of increasing levels of greenhouse gases on the climate?

- A) Increased evaporation
- B) Faster movement of air masses
- C) Higher temperatures
- D) More frequent storms

8. How is the burning of fossil fuels responsible for climate change?

- A) It emits ozone-depleting chemicals
- B) It releases carbon dioxide into the atmosphere
- C) It destroys the ozone layer
- D) It reduces wind speeds