



What is Global Warming?



Global warming is the gradual increase in the temperature of the Earth's atmosphere due to the greenhouse effect. This effect is caused by the release of greenhouse gases, like carbon dioxide, that trap heat from the sun and prevent it from escaping back into space. As the Earth's temperature rises, it can lead to melting glaciers, rising sea levels, and changes in weather patterns. It's important for everyone to understand the causes and effects of global warming so we can work together to find solutions and protect our planet.



1) Fill in the Blank: Fill in the blank with the correct words.

Word Bank

greenhouse, carbon dioxide, methane, melting, rising,
conserving, reducing

- The _____ effect is the process that causes the Earth's temperature to increase.
- Greenhouse gases like _____ and _____ trap heat in the Earth's atmosphere.
- As the Earth's temperature rises, it can lead to _____ glaciers and _____ sea levels.
- Everyone can help reduce global warming by _____ energy and _____ using fossil fuels.
- Finding _____ to global warming is important for protecting our planet.

2) Multiple Choice Questions: Choose the correct answer from the choices for each question.

What is the primary cause of global warming?

- a) The Sun getting hotter
- b) Deforestation
- c) Greenhouse gas emissions
- d) Volcanic eruptions

Which of these actions can help reduce global warming?

- a) Driving more
- b) Wasting energy
- c) Eating more meat
- d) Planting trees



How can students help fight global warming?

- a) Ignore the problem
- b) Recycle and conserve energy
- c) Protest against climate change policies
- d) All of the above

3) Open Ended Questions: Answer the following questions in complete sentences:

- Explain two ways that global warming can negatively impact the environment.

- Describe three things you can do in your daily life to help reduce your carbon footprint and fight global warming.

- Why is it important for everyone to understand and take action against global warming?
