

An Inconvenient Truth

Name: _____ Period: _____

Why is the Earth's atmosphere so vulnerable to damage caused by humans?

Why does the level of CO₂ in the atmosphere rise and fall each year?

What do the pictures of glaciers then and now show?

What two pieces of information can scientists learn about the Earth by studying ice cores?

How do the graphs showing 1000 years of temperature and 1000 years of CO₂ levels compare?

When did the 10 hottest years ever recorded take place?

How does global warming lead to stronger storms?

What does Al Gore present as evidence that the arctic ice cap is melting? (Hint: submarines)

Why is there a faster buildup of heat at the North Pole than anywhere else in the ocean?

How has global warming affected the polar bears?

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How does global warming contribute to an increase in invasive species worldwide?

List two other ecological effects of global warming:

- a.
- b.

Which type of ice has a greater impact on sea levels when it melts: land-based ice or floating sea-based ice?

If the ice in Greenland melts, how will the human population be affected? Explain.

How does the United States' contribution to global warming compare to other countries?

Is there disagreement among scientists about whether global warming is occurring?

What is the meaning/ significance of the title of the movie, *An Inconvenient Truth*?

What are three things we can do as individuals to slow global warming?

Describe your overall reaction to the movie:

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