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Activities

Our Planet's Rising "Fever"

Name: _____ Date: _____

There's too much heat transfer in Earth's atmosphere, and it's giving the planet a "fever." As the amount of heat rises, the effects of soaring temperatures get worse. You'll take a close look at climate change data in this Planet Diary activity.

Directions

- What's the evidence of climate change? Look at NASA's climate change evidence. Look at the graph of carbon dioxide levels, then read the info below it. Answer questions 1 through 3.
- Scroll to *The evidence for rapid climate change is compelling*. Use the evidence to complete the table for question 4.

Workspace

1. What does the graph show about the change in carbon dioxide levels since the Industrial Revolution?

2. What is the first fact about Earth's climate that is "not in dispute"?

3. What is the second fact about Earth's climate that is "not in dispute"?

4.

Category	Evidence
Sea level	
Global temperatures	
Warming oceans	
Ice sheets	
Arctic sea ice	
Glaciers	

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