

Name _____
Date _____

How do changing glaciers show climate change?

Glaciers are made up of snow that is pressed together to form ice over many, many years. How might changes in glaciers help scientists study climate change?

Procedure

c1. Predict how you think a change in climate would affect a glacier.

c2. The different colored lines on the glacier photo show where the glacier ended in a specific year. Use the ruler and the photo to collect data about the length of the glacier in each of the given years. Record your measurements.

Year	Length of glacier
1950	
1974	
2006	
2011	

Materials

- ruler

Science Practice

Scientists obtain and combine information from various sources to explain natural processes.

Analyze and Interpret Data

3. CCC Patterns What pattern do you see in your measurements?

4. Draw Conclusions What change in climate do you think is causing the change to the glacier that you observed?

5. Apply How could you use glaciers to show climate change in your movie?