**Frozen In Time?**

**PART B: Why We Study the Cryosphere**

**1:** What albedo did you find for the:

* snow/ice?
* soil?
* gravel?
* sand?

**2:** How much more reflective is the snow/ice than the soil (i.e., what is the ratio of the ice's albedo to the soil's albedo)?

**3:** How did the temperatures of the two regions compare over time?

**PART C: The Changing Cryosphere**

**1:** In your own words, summarize the cryosphere. What is it? What is it made of? Where can you find it?

**2:** Why do you think it is important for scientists to monitor changes in the cryosphere? Explain.