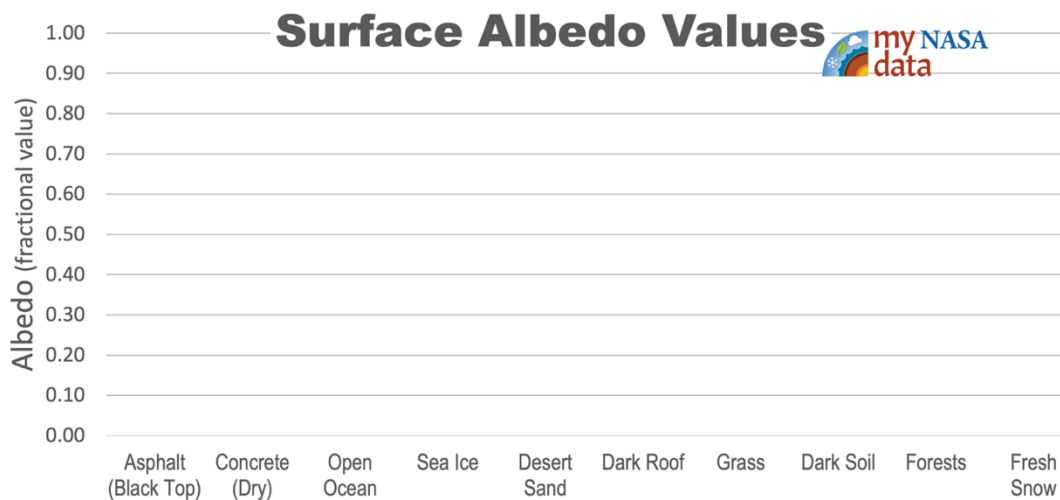


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

Title: Astronaut Pictures Claims, Evidence and Reasoning

Albedo

Anthropogenic



### A Lesson Activity Using the Claim, Evidence and Reasoning

**Assigned Picture:** (What is your photograph showing?)

**State a CLAIM that responds to the question below.**

Question: How do anthropogenic activities impact Earth's albedo?

Note: Use the Photograph Information slide that follows the picture slide to assist with writing your claim.: A claim is the beginning statement of your scientific argument and should be specific in nature.

**CLAIM:**





Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

**Question:** How do anthropogenic activities impact Earth's albedo

Identify specific **EVIDENCE** from the astronaut photograph as well as from the albedo bar chart that is needed to support your claim. Write a minimum of five evidentiary statements.

**Qualitative Evidence** from the Astronaut Photograph:

**Quantitative Evidence** from the Albedo Bar Chart:

Explain the **REASONING** that connects evidence to your claim. Write 1-2 sentences.

**Make a Connection:** Explain how the change in albedo will impact Earth's energy budget.

Write a short paragraph (3-5 sentences) that explains how the specific anthropogenic activity you identified affects the fate of incoming solar radiation and ultimately Earth's energy budget. *Ask your teacher how you will submit your short paragraph.*