**Upward and Outward: Scientific Inquiry on the Tibetan Plateau**  
**Student Work**

**Before viewing the DVD,** please draw or write a paragraph describing a scientist doing science.

**After viewing the DVD:**

1. Describe something that surprised you in the DVD or gave you a new insight about doing science.

2. Study Figures 1 and 2 on the next page, which show two different views of the scientific process. What elements of each did you see in the film? Which version do you think matches the film best?
Figure 1: Traditional View of the Scientific Method

- identify problem → form hypothesis → make & test prediction
- if prediction is consistent with all observations, it’s a theory
- if prediction is not consistent, revise hypothesis & re-test

Figure 2: The Inquiry Wheel: Another View of the Scientific Process

- Society
- Scientific community