



Name: \_\_\_\_\_

Section: \_\_\_\_\_

Date: \_\_\_\_\_

## The Tools and Techniques of Field Work: Student Assessment

Imagine that you have just won a young scientist award that enables you to spend two weeks doing field work in the tropical montane cloud forests of Monteverde, Costa Rica alongside seasoned researchers. The team of scientists is investigating two research questions. Read each question, then list the types of data you and the team will need to collect while you're in the field in order to gather pertinent information. You may also list the names of the tools you will need, if you know them.

### **Example:**

*Research question: Do humidity and soil moisture content appear to be related?*

*Data that need to be collected:*

- humidity measurements at several sites*
- soil moisture content at the same sites*

*Tools (optional):*

- hygrometer (a tool for measuring humidity)*
- tool for taking soil sample*
- container for collecting soil sample*

**First research question:** How does wind affect the size and shape of leaves in the cloud forest?

**Data that need to be collected:**

**Tools (optional):**



Name: \_\_\_\_\_

Section: \_\_\_\_\_

Date: \_\_\_\_\_

**Second research question:** Do bromeliads grow faster at lower or higher elevations?

**Data that need to be collected:**

**Tools (optional):**