Science 8 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Blk: \_\_\_

**Becoming a Scientist!**

**OBSERVATIONS**

Being able to **observe** something is an important skill scientists must use. In science, “observing” is different from “seeing.”

**Observing** is the active acquisition of knowledge from a primary source. Observing is **collecting data** using your senses *(seeing, hearing, touching, smelling, tasting*) and scientific equipment.

**TASK 1:** Watch the film “Zea.” **List as many observations as you can** about what you see. Try not to guess what it is. Record only what you observe.

**TASK 2:** Find a natural object (*rock, tree, leaf…).* **Observe** your object. Record as many observations as you can.

**Observations** can be divided into **two** types:

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = Observations from your five senses that **do not** use numbers.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = Observations from scientific equipment that **use numbers**.

**TASK 3**: Look back on your observations from Task 2. Divide your observations into the two types of observational data.

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**TASK 4:** Choose another natural object. **Observe** your object. Record as many observations of the two types as you can.

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