



SfS Away from the Classroom!

SP02: Observation Challenge (Recommended for Grades 3-5)

Please use the following resources to learn about observations and inferences.

Watch this Video: <https://www.youtube.com/watch?v=pkB38ez4DPM>

Answer these questions:

- What is an observation?
- What is an inference?
- Can you look out a window and make an observation and an inference? Write them down.

Activities: Follow these directions to practice making observations and inferences.

You will need:

• Science journal	• Pencil	• Lab partner
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1. Go outside or to a window and look for a tree.
 - a. Write down 3 observations. Remember an observation should be something everyone can observe with one of their senses.
 - b. Write down 3 inferences. Remember an inference is something you conclude based on your observations. They may be different from another person.
2. Have your lab partner do Step 1 on a different piece of paper.
3. Compare your observations and inferences to your lab partner's observations and inferences.
 - a. Do you agree that both sets of observations are true (even if they're different)?
 - b. Are your inferences different from your lab partner's?
4. Pick something else to observe and do the process again. (Examples: a street, a short video, or a pet)

Make observations & use Claims, Evidence, and Reasoning!

1. **Claim:** I can make an observation with my eyes closed.
 - **Evidence:**
 - **Reasoning:**
2. **Claim:** Inferences might be true or untrue.
 - **Evidence:**
 - **Reasoning:**

