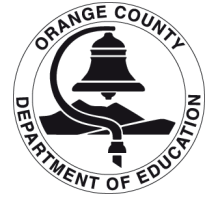




OWL Student Activity



SYNOPSIS

This tool is a way to help students collect their ideas about a phenomena. It can be used in for in person observations or use during live webcams or videos.

OBJECTIVES

Students will record their observations and wonderings to help further learning about various science topics.

NGSS CONCEPTS

Various, you can have your students focus on a specific concept to help support your NGSS standards. For example, if you have 4th grade students watching bald eagles on webcam you can have them focus on the structures that function to support survival, growth, behavior, and reproduction (4-LS1-1).

MATERIALS

- Worksheet (either in print or electronically)
- Something to record (pencil or computer)
- Access to something to observe (outdoor space or virtually)
- Access to do research or readings (Read Works or similar sites have some good articles)

LESSON

1. Introduce observation to the students, if needed.
2. Give the students something to observe. This could be in their backyard, the school playground, a video or a webcam.
3. Have the students record their observations and wondering on their worksheet.
4. If possible, have the students share their observations and wondering with other students in the classroom.
5. Discuss some of the wonderings the students have recorded.
6. For the learn section, students can do research on their wonderings or you could assign them additional readings.



Observe
Wonder
Learn

Name: _____

Scientists use their senses to make observations and learn more about the world around them. Record what you Observe, Wonder, and Learn below.

Observe: Record what you see below. This could be a drawing or written text.

Wonder: What do you wonder? What questions do you have?

Learn: What have you learned through additional research or readings about your wonderings?