

## Segment 1: Keeping Students Engaged

Students enjoy learning when they are actively engaged in activities that are motivating, relevant, and meaningful.

**Instructor:** All right, now we're going to get into our lab activities. While we are in our lab activities, we are going to be using our science process skills. So, we're going to watch this short video that was created by David and Soledad to remind us about our science process skills vocabulary words.

(Video) "Vocabulary Words" created by Soledad and David. Observation: Observation is what you see or observe by using your five senses.

Measurement: How long an object is by using centimeters, meters, and kilometers.

Communication: Communication means how you speak with other people.

Prediction: What do you think is going to happen next?

Inference: Inference means what you think is going to happen based on what you observe.

Classification: Putting objects of the same kind in the same group.

Variable: Variable means something that changes when you do an experiment.

These are our resources. This video was created by Soledad and David, in Mrs. Garcia's 5th grade class. The music was created in Photo Story Three.

**Instructor:** Okay. Now, do your science processing skills come back to life?

**Student(s):** Yes.

**Instructor:** Yes, by observing, predicting, communicating.

**Student:** Classification.

**Instructor:** Classification, good job, what else? Inferencing. These are all the skills you're going to be using while you're working in lab stations. Any questions?

**Student(s):** No.

**Instructor:** No? Okay, perfect. Marco, the lights again, please.

## Segment 2: Using Realia

**Instructor:** What is this?

**Student:** Stamen.

**Instructor:** Okay, Michelle, what's the top called of the stamen?

**Student:** Another?

**Instructor:** Another. Good. And what's this called?

**Student:** Filament.

**Instructor:** Filament. Very good. So here's the stamen for yours, okay? All right, so this is male or female?

**Student:** Female.

**Instructor:** Female. What's the top of the female called, Mercedes?

**Mercedes:** Stigma.

**Instructor:** Stigma. Very good. Okay, Luis, what's the bottom, this neck called?

**Luis:** Style.

**Instructor:** Style. Good. Very good. And then at the base of your flower, would be the ovary.

**Student:** Ovary.

**Instructor:** Okay? Good. Actually, the ovary's over here. All right, and we'll open up the ovary here in a little bit. Okay.

All right, so make a quick drawing of your petals and the sepal.