

Observe

What Do You Wonder? - Lesson 2



For the Classroom:

- Group structure - whole group or small group
- Location - at tables
- Approximate time - 10 minutes

Standards:

SKL2b. Construct an argument supported by evidence for how plants can be grouped according to their features.

Materials:

- “What Do Scientists Do?” list (created in Lesson 1)
- Journal or sheet of paper (1 per child)
- Colored pencils
- [“Okra Pod” Poster](#)
- [“ABCDE of Scientific Drawings” Poster](#)
- Optional: Okra pods (1 per child)



Procedures:

1. Engage:

- “I am going to show you a plant that I love to eat.” Display “Okra Pod” poster or distribute one okra pod to each child.
- “Without saying a word, show me thumbs-up/thumbs-down, have you seen this plant before?”
- “We are going to be scientists and learn from our senses of sight and touch, notice details, draw what we see.” Reference “What Do Scientists Do?” list (created in Lesson 1).

2. Explore:

- “First, draw in your journal, what do you see? Remember scientific drawings are: Accurate, Big, Colored, Detailed, Explained.” Display “ABCDE of Scientific Drawings” poster and provide time for children to draw.
- “Now, write in your journal, what would you name this based on what you see? I’m not looking for the right answer, but instead a creative answer! One nickname for this plant is Lady Fingers because it looks a little bit like long, slender fingers. One variety is called Cowhorn because it looks a little bit like a cowhorn. What would you name it based on what it looks like?” Provide time for children to think and write.

3. Explain:

- “Put your finger on your nose if you think you know the name of this plant.” Select children to share. Prompt other students to snap if they agree with the name that was shared.
- “The common name for this plant is okra. Show me thumbs-up/thumbs-down, have you heard of okra before?”
- “The Latin name for this plant is *Abelmoschus esculentus* (abel-moschus es-cu-len-tus) *Abelmoschus* is similar to it’s last name or family name. *Esculentus* is like it’s special first name. It means: fit for eating, good to eat, edible, esculent.”
- “Pair with someone sitting next to you to share what you named this plant.” Provide time for children to share.
- “We are going to explore this plant over coming weeks to learn even more!”

Lesson Created by Jenna Mobley for Georgia Organics