

Lesson Title: Where Do Plants and Animals Live and How Do They Survive?

Standards:

K-LS1-1. Use Observations to describe patterns of what plants and animals (including humans) need to survive.

K-ESS2-2. Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.

Students Learning Outcomes:

Student learning outcomes for part 1: Classroom Visit: Duration 1 hour

After participating in this lesson students will:

- 1) List the animals that live in our area
- 2) Understand what an animals habitat is and that different animals have different habitats
- 3) Explain the difference among herbivore, omnivore and carnivores
- 4) Explain what a mammal is and list some animals that are mammals
- 5) List characteristics and traits of animals that help them survive in their environment

Lesson Summary: Students will be introduced to several local animals and their behaviors, characteristics and attributes that help them survive in the wild. They will look at the skull of some animals to understand what an animal eats, how big it is and where it might be found. Afterward, students will get to interact with the different puppets and ask questions about all the information they learned from the presentation. Afterward, students will get a folktale story that relates to certain animal behaviors. Students will then be given information sheet to put into their journals to bring with them on their trip to Whitfield. They will be prompted to bring this information sheet along with their journals and pencils.

Student learning outcomes for part 2: Whitfield Visit: Duration 3 hours

After participating in this lesson students will:

- 1) Make observations of plants and animals through nature journaling
- 2) Observe and record (in writing and/or drawing) what plants and animals need to grow
- 3) Observe and record (in writing and/or drawing) two animal habitats
- 4) Observe and record (in writing and drawing) the five senses to help understand a place
- 5) Explain in three sentences or drawings how a plant will change the environment to meet its needs, how a human will change to meet their needs, and how a animals will change the environment to meet their needs

Lesson Summary: Students will be introduced to what Whitfield is, what they might see, and list off some of the animals and characteristics that were discussed during the classroom visit. Students will then begin their walk around Whitfield stopping at various stops and doing different activities. These activities include nature journaling and observation of nature resources, listing our five senses, recording two animal habitat examples, listing important things needed for plants and animals to grow, and finally concluding everything by thinking about what plants, animals and humans can do the change the land to meet their basic needs.

Evaluation/Assessment Rubric:

1. Completion of information worksheet 0-5
2. Completion of two drawings that show signs of an animal (i.e. scat, ant pile, burrow, nest, tracks, feathers) 0-5
3. Explanation through three sentences or drawings explaining how a plant, animals and humans will change their environment to meet their needs (i.e. a plant produces seeds to reproduce itself to take over an area of land, a person will build a road to connect their home to the local grocery store, a rabbit digs a hole in the ground to protect itself in the winter) 0-5