

PSOE Lesson Plan

Subject: Science

Grade Level: 3rd

1. IDENTIFY/REFERENCE NATIONAL, STATE PERFORMANCE, LOCAL CURRICULUM STANDARDS:

National Standards:

Georgia Performance Standards/ Common Core

S3CS1: Students will be aware of the importance of curiosity, honesty, openness, and skepticism in science and will exhibit these traits in their own efforts to understand how the world works.

- a. Keep records of investigations and observations and do not alter the records later.
- b. Offer reasons for findings and consider reasons suggested by others.

S3L1. Students will investigate the habitats of different organisms and the dependence of organisms on their habitat.

- a. Differentiate between habitats of Georgia (mountains, marsh/swamp, coast, Piedmont, Atlantic Ocean) and the organisms that live there.

2. SPECIFY ENDURING UNDERSTANDINGS/ESSENTIAL QUESTIONS/ESSENTIALS CONTENT/OBJECTIVE(S):

ENDURING UNDERSTANDS

- Students will know the five habitats of Georgia.
- Students will be able to give examples of organisms that match each habitat.
- Students will know how to tell the difference between the habitats.

ESSENTIAL QUESTIONS

- What are the five habitats of Georgia?
- What kinds of organisms live in each habitat?

ESSENTIAL CONTENT OBJECTIVES

Lesson Objectives:

Given a 20 question quiz, the students will be able to label and answer questions correctly 90% of the time.

3. COLLECT A VARIETY OF MATERIAL/RESOURCES FOR STUDENT USE:

Pictures of each habitat, premade booklet for writing new information, crayons and colored pencils

4. ACTIVATE AND PREE-ASSESS STUDENTS PRIOR KNOWLEDGE:

Activation of Prior Knowledge:

By hanging pictures on the wall I will review with the students what the five habitats are.

Pre-Assessment of Prior Knowledge:

Student Demonstration

I will use an altered form of four corners. Hanging in five different places of the wall, there will be a picture of each habitat. I will then name an animal or plant that could be found in that habitat but will also include a picture so the students know what they look like. Students will then go to the picture they think the organisms go with. I will have a checklist to keep track of what the students know and don't know.

5. PROVIDE NEW KNOWLEDGE ACQUISTION:

I will use a PowerPoint to provide the students with new knowledge. The PowerPoint will cover each habitat; describing what it looks like and animals and plants that can be found there. During the PowerPoint the students will have a premade booklet that they will fill out with information learned. In the booklet there will be a map of Georgia and the students should label each habitat.

Ongoing Assessment:

Throughout each slide I will walk around and make sure that students are filling out their books.

6. ADJUST ASSIGNMENTS FOR STUDENT APPLIED PRACTICE:

Learning Stations:

- **Level one:** the students will sort pictures of the habitats and animals and glue them under the correct habitat name.
- **Level two:** this level will be split into 5 different groups. Each group will be assigned a different habitat. They will have to use their notes to make a poster and then present it to the class.
- **Level three:** the students will have to pick a habitat describing what it might look like, where it can be found and what organisms can be found there.

7. CONDUCT POST-ASSIGNMENT FOR STUDENTS TO DEMONSTRATE KNOWLEDGE AND COMPETENCIES

I will give the students a 15 question quiz. There will be different sections of the quiz that cover what each habitat looks like, where in Georgia they can be located and the organisms that can be found in each.

Name: _____ Date: _____

Match each habitat picture with the correct name.

- A. mountains
- B. Piedmont
- C. Atlantic
- D. coast
- E. marsh/swamp



Match the animals that can be found in the correct habitat.

- | | |
|-----------------------|--------------|
| 1. ___ mountains | A. shark |
| 2. ___ marsh/swamp | B. sea gull |
| 3. ___ coast | C. bear |
| 4. ___ Piedmont | D. alligator |
| 5. ___ Atlantic Ocean | E. owl |

Match the description of each location with the correct habitat.

- A. The northern part of Georgia.
- B. Has still or slow moving water with plants that grow in or around the water.
- C. Southeastern part of Georgia
- D. Made up of sandy beaches and barrier islands.
- E. Rolling hill with forests, lakes and rivers.

- 1. ___ coast
- 2. ___ Piedmont
- 3. ___ swamp/marsh
- 4. ___ mountains
- 5. ___ Atlantic ocean