



A Tribute to the Florida Endangered Species

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Lesson Grade: 5

Lesson Title

A Tribute to the Florida Endangered Species

Lesson Purpose

Some of the animals in the State of Florida have become extinct or are near extinction. This list of endangered species will hope to promote and ensure the just and kind treatment of animals. Through artistic expression such as clay, students will be able to share and display their knowledge about Florida's Endangered Species so that they can help improve the quality of the lives of these animals.

The standards for this lesson

LA.4.5.2.2 plan, organize, and give an oral presentation and use appropriate voice, eye, and body movements for the topic, audience, and occasion;

SC.4.L.17.4 Recognize ways plants and animals, including humans, can impact the environment.

VA.B.1.2.1 Understands that subject matter used to create unique works of art can come from personal experience, observation, imagination, and themes.

What will my students be able to do when they finish this lesson or unit?

Students will be able to identify one Florida Endangered Species, orally communicate why the animal is endangered and present a clay sculpture or tile of that animal.

What assessment tools will I use?

I will be using the student's Science Research Quest pamphlet that they will complete and the student's clay sculpture/tile.

Who will assess student performance and how will this be done?

I will assess students performance based on written information gathered, the clay sculpture/tile presented, and how well they presented the Florida endangered species.

How will I report the assessment results?

I will grade each student under the following point system: Written Report Fully answers all questions using complete sentences _____/2pts Content of report is accurate and complete _____/4pts Mechanics: uses correct punctuation, spelling, etc. _____/2pts Correctly cites at least two resources _____/2pts

Clay Animal Picture Sculpture/Tile is complete and done neatly _____/4pts Sculpture/Tile Animal is realistic _____/2pts

Oral Presentation Student discusses 3 facts about the animal, why they are endangered and what is being done to save the animal _____/2pts Student uses a clear voice and eye contact when speaking _____/2pts

TOTAL SCORE _____/20pts

How will the lesson be introduced?

I will present a sculpture/tile of a Florida Endangered Animal and with the following background information on why animals become Endangered: From a very young age, we are exposed to many different animals through reading books with our parents, having pets in our home as we grew-up, and from watching TV shows or movies about or involving animals. Once we are in school, we are further educated in science and history class about animals and plants that live among them daily. People today care now more than ever and are willing to participate in saving, many of the animals and plants currently listed as Florida's Endangered Species.

Some of the animals in the State of Florida have become extinct or are near extinction. This list of endangered species will promote and ensure the just and kind treatment of animals. Through artistic expression such as clay, students will be able to share and display their knowledge about Florida's Endangered Species so that they can help improve the quality of the lives of animals.

What procedures will I follow?

1. Introduce the lesson by selecting an endangered animal and identifying its physical and behavioral characteristics. Discuss the factors that the students feel have contributed to causing this animal to be designated as "endangered."
2. Have students research the Florida endangered animal they identify with.
3. Have students fill out a Science Research Quest pamphlet for their endangered animal.
4. Allow the students to work individually or in groups to follow the same procedure: A. select an animal B. identify its characteristics C. discuss what factors have caused it to become "endangered"
5. Provide a wedge of clay for the tile and relief process.
6. Demonstrate rolling the clay, using a rolling pin, dowel or plastic tube. Encourage the students to make the slab 6" x 6" x 1/2" thick.
7. Have student slab the clay for the tile.
8. Discuss how the student can add lay to their tile to create the animal. Introduce the scratch and slip technique to keep pieces of clay from falling off.
9. Provide tools for creating the animal.
10. Encourage the use of different tools, but remind them that their fingers are often the best tool.
11. Have the student sign their work with a needle tool and title their tile.
12. Cover with plastic to dry.
13. Handout dried project for

presentation and take home.

What activities will my students complete?

Each student will chose a Florida Endangered Species which they identify with from the list provided in the Science Research Quest pamphlet. Each student will research about the Florida Endangered Species they have chosen answering the questions provided in the Science Research Quest. Each student will be provided a block of air dry clay in order to create a sculpture or tile of the Florida Endangered Species they have chosen.

How will you summarize the lesson?

I will recap a few of the Florida Endangered Species and how through the use of clay we can appreciate them and help bringing their endangered status to the awareness of others.

What instructional materials will I use for this lesson?

- A variety of media for research: books about endangered species, Internet websites (a list of links compiled onto a Word document or web page), science magazines, etc.
- Laguna Mexo White Air Dry Clay
- Wooden and Rubber Stamps, animal cookie cutters, and/or small plastic animals
- Pipe cleaners or metal hangers and metal clippers
- Acrylic paints
- Ceramic tools including: fettling knife, needle tool, mini sculpting tool kit, various ribbon tools
- Rolling pin, large and small
- Newspaper