

---

# LOGGERHEAD TURTLE



**GRADE: FIRST**

**SUBJECTS: ELA, SCIENCE, SOCIAL STUDIES, VISUAL ARTS**

Earth Songs is made possible by the Cities of Charleston and North Charleston Lowcountry Quarterly Arts Fund, the Joanna Foundation, the John and Susan Bennett Memorial Fund of the Coastal Community Foundation, the Post and Courier Foundation, and the South Carolina Arts Commission



# LOGGERHEAD TURTLE

*Make a line stage right*

## **Rare, Threatened, and Endangered Species of South Carolina**

*Move to a new spot*

Northern Cricket Frog  
Bachman's Sparrow  
Green Salamander  
Timber Rattlesnake  
Eastern Red Bat

*Move to your dancing spots*

Eastern Woodrat  
Island Glass Lizard  
Santee Crayfish  
Swamp Rabbit

**Eastern Cougar.** Cougars were eliminated from South Carolina due to loss of the forests and due to farming and hunting in order to protect the farms. Today there are no wild populations of cougars in South Carolina.

**The Little Blue Heron** is threatened by habitat loss linked to climate change especially in coastal areas. Sea level rise and saltwater encroachment, as well as extreme weather events, negatively impact the species. Important nesting sites need to be protected with buffer zones to inhibit disturbance.

**Bottleneck Dolphins** are not endangered, but they are susceptible to human activity. Getting caught in fishing gear, pollution. Even noise pollution can interfere with their ability to communicate. Ten years after the heat wave of 2011, researchers found that dolphins' survival rates decreased by 12 percent and female dolphins gave birth less often -- a phenomenon that lasted at least until 2017.

**Black Swamp Snake.** The snakes reliance on fishless wetlands makes them vulnerable to habitat destruction. In the United States, many states have lost as much as 80% of their wetlands, resulting in the loss of species that are restricted to these wetland habitats. When average yearly temperatures rise, species like snakes will need adapt by migrating to warmer climates.

## **Loggerhead turtle**

*Form a giant sea turtle*

- The waters off the coast of South Carolina are host to many sea turtle species, ranging from massive loggerheads to the smallest Kemp's Ridley.
- Despite their tough shells, these ancient reptiles face daily battles for survival.
- Injured turtles that wash on shore are victims of everything from commercial dredging and fishing hooks to shark and stingray attacks.



---

*"Turtles" begin to exercise*

The South Carolina Sea Turtle Rescue Center are on constant standby, ready to rehabilitative these ancient reptiles and return them to their natural ocean habitat.

*One by one the "turtles" return to the ocean (spread in a wavy line close to the audience)*

*Tank 1* Edisto, 30 years old, found floating with a crab trap entangled around it's flipper, released 2007

*Tank 2* Destiny, female green sea turtle, a cold event in North Carolina causes many sea turtles to strand on beaches, released 2009

*Tank 3* 2 juvenile Kemp Ridleys, Little Debbie and Squirt, hooked from a fishing pier, released June 2013

*Tank 4* Caldwell, a 45-lb. juvenile Loggerhead, stranded off Hilton Head SC July 2017

*Dancers weave in and out of each other in a shape line to form a circle*

The Earth does not belong to us: we belong to the Earth.

What we do to the forests of the world is but a reflection of what we do to ourselves and to one another.

Hold your hands over the Earth as over a flame.

To all who love her, she gives of her strength.

For the gifts of life are the Earth's and they are given to all.



# LOGGERHEAD TURTLE

**AUTHOR:** KELLY JAMES

**GRADE:** FIRST

**SUBJECTS:** ELA, SCIENCE,

SOCIAL STUDIES, VISUAL ARTS

## STANDARDS

### ELA

**Standard 1: Write arguments to support claims with clear reasons and relevant evidence.**

- 1.1 Explore print and multimedia sources to write opinion pieces that introduce the topic, state an opinion, give a reason for the opinion, and provide a sense of closure

### SOCIAL STUDIES

**1.G.4** Describe and compare various landforms within South Carolina through the use of primary and secondary sources. This indicator was developed to encourage inquiry into a variety of sources used to investigate and compare different landforms (e.g., coastlines, lakes, mountains, and rivers) within South Carolina.

### SCIENCE

**LS1.D** Information Processing: Animals have body parts that capture and convey different kinds of information needed for growth and survival. Animals respond to these inputs with behaviors that help them survive. Plants also respond to some external inputs.

### VISUAL ARTS

I can use and combine materials, techniques and processes to make art.

## MATERIALS

- informational text read-alouds (for teachers and students)
- white construction paper
- colored pastels



---

## INTRODUCTION

1. The teacher will have the students share their prior knowledge of endangered species and how they can rehabilitate injured animals.

---

## OBJECTIVE

- The students will learn information on how to help protect the environment and assist with endangered species, specifically the loggerhead turtles, which are found in the water landforms off the Coast of South Carolina.
- The students will design a persuasive poster on why endangered species should be protected.

---

## LESSON

1. The students will watch the dance [video](#) of the Loggerhead.
2. The teacher will read the informational text of "National Geographic Sea Turtles" and "One Tiny Turtle" by Nicola Davies to obtain facts for the informational word web.
3. The teacher will discuss opinion writing using the OREO model (opinion, restate opinion with 'because', give an example to support opinion, close the writing with a restatement of the author's opinion).
4. Students will brainstorm ways to protect loggerhead turtles in the wild and the importance of not polluting the air and water.
5. The students will design a "Protect Loggerheads, Endangered Species Poster" that includes their opinion of the importance of protecting endangered species and conservation of the air and water habitats.
6. The teacher will have the students view a [video](#) on how to draw a realistic sea turtle.
7. The students will develop a visual poster to help save sea turtles.



---

## **CLOSURE**

Students will share their posters with their peers and verbally share one way to help save turtles, their environment, or the significance of bringing about rehabilitation to those that are injured.

---

## **ASSESSMENT**

In this informal assessment the teacher will observe students' completed artwork and small group partner discussion to evaluate student comprehension of informational facts, science standards, and visual art procedures.

---

## **RESOURCES**

Davies, Nicola, and Jane Chapman. One Tiny Turtle. Walker Books Ltd, 2015.

How To Draw A Realistic Sea Turtle, YouTube, 28 Apr. 2017, [www.youtube.com/watch?v=6DXTWTbd8G4&ab\\_channel=ArtforKidsHub](http://www.youtube.com/watch?v=6DXTWTbd8G4&ab_channel=ArtforKidsHub).

Read Aloud- Sea Turtles by Laura Marsh | Nonfiction Animals, YouTube, 21 July 2020, [www.youtube.com/watch?v=UICKJ8GJoZA&ab\\_channel=Mrs.Tempel%27sStorytime](http://www.youtube.com/watch?v=UICKJ8GJoZA&ab_channel=Mrs.Tempel%27sStorytime).