

Human Impact: Living Beaches

Loggerhead Marineline Center

Loggerhead Marineline Center is an ocean conservation organization and sea turtle hospital located adjacent to one of the most important sea turtle nesting beaches in the world. The Center features an on-site campus hospital, research laboratory, educational exhibits and aquariums, and also operates the Juno Beach Pier, which hosts world-class angling and sightseeing. The Center's conservation team works with 76 local and international organizations across six continents to form partnerships and share conservation initiatives and best practices that are core to its mission of ocean conservation. The Center is expanding and has launched its Waves of Progress capital expansion campaign, designed to accelerate and amplify LMC's conservation and education impact.

Our mission is to promote conservation of ocean ecosystems with a special focus on threatened and endangered sea turtles. Our vision is to be recognized locally and internationally as the leading authority in sea turtle education, research and rehabilitation.



Lesson Objectives

- I can describe a beach ecosystem.
- I can describe why the Gulf Stream is important.
- I can define an ecosystem.

Vocab

- Ecosystem - a large community of living organisms in a particular area
- Gulf Stream - a current within the Atlantic ocean that originates in Mexico, travels around Florida, up the east coast of the US and crosses over the Atlantic
- Intertidal - the zone exposed during low tide but covered during high tide
- Observation - act of noticing something or watching something
- Native species: Species of plants or animals that occur naturally in an area (indigenous species).

Resources

Witherington, B. E., & Witherington, D. (2017). Florida's Living Beaches: A Guide for the Curious Beachcomber (Second). Sarasota, FL: Pineapple Press, Inc.

Living Beaches Quiz:

<https://form.jotform.com/200805929177158>



Visit Marinelife.org to learn more about Loggerhead Marineline Center!

I-SPY IN MY OWN BACKYARD

Use your observation skills to record some of the living things you see in your own backyard ecosystem! Choose three (3) to sketch and describe below – bonus points if you can identify them as a mammal, reptile, bird, or plant! You can also use the binoculars you made in our Unintentional Boater Interactions Lesson!

Sketch	Describe
Sketch	Describe
Sketch	Describe