

Human Impact Lab: Kemp's and Olive Ridleys

Loggerhead Marinelifelife Center

Loggerhead Marinelifelife 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 the unique nesting behavior of Kemp's and Olive Ridley sea turtles.
- I can describe similarities and differences between Kemp's and Olive Ridley sea turtles.
- I can identify a Kemp's Ridley sea turtle.

Vocab

- Arribada - the synchronized, large-scale nesting of some species of sea turtle (such as the Kemp's ridley and olive ridley)
- Scute - a dermal bony plate, as on an armadillo, or a large horny plate, as on a turtle
- Lateral - of or relating to the side
- Carapace - a bony or chitinous shield, test, or shell covering some or all of the dorsal part of an animal, as of a turtle
- Species - a class of individuals having common attributes and designated by a common name

Resources

Test Your Knowledge!

<https://form.jotform.com/200946970202149>



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

Species Spotlight Diagram

Directions: Use the word bank to put different traits in the proper category.

Arribada / Parrot like beak / 5 lateral scutes / 5-9 lateral scutes / nest in Mexico /
nest around the world / smallest species / carnivores /
Intrepid and Fortin are this species / found mainly in tropical regions / found in the
Gulf of Mexico and along the Atlantic coast as far north as Nova Scotia

Kemp's Ridley

Olive Ridley