

# Human Impact Lab: Unique Sea Creatures

## 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 some of the unique deep sea animals found in the ocean.
- I can observe adaptations that sea creatures use for protection.
- I can identify the differences between plants and animals in the ocean.

## Vocab

- Camouflage: concealment by some means that alters or obscures the appearance, as in an animal camouflages itself for protection from predators
- Adaptation: the ability of a species to survive in a particular ecological niche, especially because of alterations of form or behavior brought about through natural selection.
- Specialized: (of an organism or one of its organs) to be adapted to a special function or environment.

## Resources

Marine Biology Games!

<https://www.amnh.org/explore/ology/marine-biology#games>



Visit [Marinelife.org](http://Marinelife.org) to learn more about Loggerhead Marineline Center!

# Design A Sea Creature!

Directions: Use items from around your house or backyard, and any craft supplies, to create a completely unique and well-adapted sea creature!

- Some materials ideas....
  - Sticks/Twigs
  - Coconuts
  - Leaves
  - Palm Fronds
  - Play-doh or clay
  - Paint
  - String
  - Seashells
  - Glowsticks
  - And so many other options!
  
- Some ideas for characteristics....
  - “lure” – like an anglerfish!
  - Bioluminescence
  - Camouflage
  - Spines
  - Shell

