

## Human Impact Lab: All About Algae

### 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 identify a living marine organism and explain its importance to the ocean ecosystem
- I can identify different types of algae including macro and microalgae
- I can explain how humans and algae are interconnected

### Vocabulary

- **Algae:** living organisms that make their own food from sunlight through photosynthesis, similar to plants
- **Microalgae:** microscopic algae found in freshwater and saltwater
- **Macroalgae:** large, plant-like form of algae also known as seaweed
- **Photosynthesis:** the process by which plants and other organisms use sunlight to synthesize food from carbon dioxide and water



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

