

Loggerhead Marinelife Center

Loggerhead Marinelife 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.



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



Lesson Objectives

- I can describe what light pollution is, and what can cause it.
- I can observe things around me that could contribute to light pollution, and explain why.
- I can identify wildlife affected by light pollution.

Vocab

- Light Pollution: brightening of the night sky caused by street lights and other man-made sources, which has a disruptive effect on natural cycles
- Dark Sky: a place where the darkness of the night sky is relatively free of artificial light.
- Wildlife: wild animals collectively; the native fauna (and sometimes flora) of a region
- Anthropogenic: originating in human activity
- Nocturnal: done, occurring, or active at night
- Circadian Rhythm: physical, mental, and behavioral changes that follow a daily cycle. They respond primarily to light and darkness in an organism's environment

Resources

 International Dark Sky Association https://www.darksky.org/light-pollution/

At-Home Lighting Survey

Directions: Use the survey link provided, and this diagram from Project WILD, to conduct your own athome lighting survey and learn about what you can do to help minimize light pollution!

Survey Link: https://form.jotform.com/201276074022040
"Types of Lighting Fixtures" from https://www.fishwildlife.org/projectwild/step-stem-and-wild-work/lights-out

