

Sea Grant Educational Resources

*See below for descriptions of and links to sites maintained by state-specific Sea Grant programs.
Keep in mind that the resources on each site can be used across states and regions.*

*This PDF will be updated as Sea Grant programs continue to develop educational content.
Last update: 7/17/20*

Alaska

Journey to the wilderness of Alaska and learn about Alaska's watersheds, seafood industry and local biology.

[Click here for Alaska's resources:](#)

- Lesson Plans and Curricula (K-12)
- Citizen Science

California

Take a virtual walk through California's numerous zoos and aquariums. This page includes resources on animals, weather and marine protected areas, with a strong focus on California-based programs and ecology.

[Click here for California's resources:](#)

- Live and Recorded Online Events
- Virtual Field Trips/Tours
- Interactive Online Games and Experiences
- Lesson Plans and Curricula (K-12)
- Activity Ideas

Connecticut

Explore the beaches of Connecticut and Long Island Sound with resources that educate on the plants and animals living there.

[Click here for Connecticut's resources:](#)

- Pamphlets and Field Guides
- Activity Ideas

Delaware

Dip your toes into the water on the Delaware shore. This page includes ways to explore general ocean biology and physics concepts as well as Delaware's aquariums, marine resources and natural beauty.

[Click here for Delaware's resources:](#)

- Videos/Webinars
- Virtual Field Trips/Tours
- Lesson Plans and Curricula (all)
- Activity Ideas

Florida

In addition to information on Florida's beaches, estuaries and coastal hammocks, learn about manatees, whales and sea turtles with the resources on this page.

[Click here for Florida's resources:](#)

- Videos/Webinars
- Lesson Plans and Curricula (K-5)
- Activity Ideas

Georgia

Wade out into the marshes or stroll the beaches of Georgia with these resources that highlight coastal Georgia flora, fauna, educational activities and research.

[Click here for Georgia's resources:](#)

- Pamphlets and Field Guides
- Lesson Plans and Curricula (3-12)
- Reading Materials

Hawai'i

Take a tropical trip to the islands of Hawai'i to hear about the species living in the region's coral reefs as well as general ocean knowledge from scientists and cultural experts.

[Click here for Hawai'i's resources:](#)

- Videos/Webinars
- Lesson Plans and Curricula (K-12)
- Teacher Training
- Pamphlets and Field Guides

Illinois-Indiana

Virtually visit aquariums, zoos and museums with Illinois-Indiana Sea Grant. Also check out reading materials about water-related topics and the Great Lakes.

[Click here for Illinois-Indiana's resources:](#)

- Virtual Field Trips/Tours
- Videos/Webinars
- Interactive Online Games and Experiences
- Lesson Plans and Curricula (K-12)
- Reading Materials

Lake Champlain

Take a trip through the Lake Champlain watershed and learn all about water quality, research methods and the biology of the region.

[Click here for Lake Champlain's resources:](#)

- Videos/Webinars
- Lesson Plans and Curricula (all)
- Activity Ideas

Louisiana

Journey into the extensive estuaries of Louisiana and learn about the impacts of climate change and oil spills, the animals that can be found in these waters and how to help native plants.

[Click here for Louisiana's resources:](#)

- Activity Ideas
- Lesson Plans and Curricula (4-12)
- Virtual Field Trips/Tours
- Videos/Webinars

Maryland

Explore the chemistry, geology and biology of the Chesapeake Bay and learn how to engage with the natural resources that the bay provides to this region.

[Click here for Maryland's resources:](#)

- Lesson Plans and Curricula (K-12)
- Pamphlets and Field Guides

Massachusetts Institute of Technology

Massachusetts Institute of Technology Sea Grant offers a variety of resources for use in New England and nationwide. Check out marine sanctuaries from home, visit with the animals at the New England aquarium, race river herring, explore ocean sounds, and more.

[Click here for MIT's resources:](#)

- Live and Recorded Online Events
- Virtual Field Trips/Tours
- Videos/Webinars
- Interactive Online Games and Experiences
- Lesson Plans and Curricula (K-12)
- Activity Ideas

Michigan

Take a trip to the Great Lakes without stepping outside your home. This page has resources to learn about the shipwrecks, animals and hazards in the Great Lakes region.

[Click here for Michigan's resources:](#)

- Videos/Webinars
- Live and Recorded Online Events

Mississippi-Alabama

Talk to a scientist or marine educator through Mississippi-Alabama Sea Grant's resources. Also check out activities about water-related topics and the Gulf of Mexico..

[Click here for Mississippi-Alabama's resources:](#)

- Live and Recorded Online Events
- Virtual Field Trips/Tours
- Videos/Webinars
- Activity Ideas
- Lesson Plans and Curricula (K-12)

New Hampshire

New Hampshire Sea Grant offers a wide variety of educational resources on topics ranging from general marine science to geology and geography. These materials include nationally-applicable and region-specific activities to do at home.

[Click here for New Hampshire's resources:](#)

- Virtual Field Trips/Tours
- Videos/Webinars
- Interactive Online Games and Experiences
- Lesson Plans and Curricula (K-12)
- Activity Ideas

New Jersey

Embark on a virtual walk along New Jersey's beaches and learn about the sea creatures, harbors and beach dynamics of the Jersey shore.

[Click here for New Jersey's resources:](#)

- Videos/Webinars
- Lesson Plans and Curricula
- Activity Ideas

North Carolina

Take a dive into the waters of North Carolina and learn about what fish, birds, sharks and plants are commonly found in the region's coastal plains and seashores.

[Click here for North Carolina's resources:](#)

- Virtual Field Trips/Tours
- Pamphlets and Field Guides
- Articles and Reading Materials
- Lesson Plans and Curricula (K-12)

Ohio

Virtually visit Ohio to engage with a variety of topics like solar technologies and climate change impacts, and compare biology across the Great Lakes that define the region.

[Click here for Ohio's resources:](#)

- Lesson Plans and Curricula

Oregon

Engage in citizen science projects and educational activities focused on computer science, engineering and Oregon's vibrant ecology.

[Click here for Oregon's resources:](#)

- Citizen Science

- Live and Recorded Online Events
- Activity Ideas

South Carolina

Explore the coastal marshes of South Carolina as well as nationwide marine and science topics through the various resources available on this page.

[Click here for South Carolina's resources:](#)

- Virtual Field Trips/Tours
- Videos/Webinars
- Interactive Online Games and Experiences
- Lesson Plans and Curricula (K-12)
- Activity Ideas

Texas

The Aglantis Sea Lessons from Texas Sea Grant share information on climate change, solar power, meteorology and marine animals to help educate students nationwide.

[Click here for Texas' resources:](#)

- Lesson Plans and Curricula (K-12)
- Activity Ideas

University of Southern California

Stroll the beaches of Southern California and connect to the local coastal habitats as well as resources highlighting broader ocean science topics.

[Click here for USC's resources:](#)

- Virtual Field Trips/Tours
- Videos/Webinars
- Interactive Online Games and Experiences
- Lesson Plans and Curricula (K-12)
- Activity Ideas

Virginia

Take a dive into Virginia's waters through these resources that cover general marine and earth science topics as well as the weather, ecology and physical characteristics of the Virginia coastline.

[Click here for Virginia's resources:](#)

- Virtual Field Trips/Tours
- Videos/Webinars
- Lesson Plans and Curricula (K-12)
- Activity Ideas

Washington

Explore Washington's coastline through virtual camps, animal cameras and educational games. Topics include local wildlife, shellfish aquaculture and marine science careers.

[Click here for Washington's resources:](#)

- Virtual Field Trips/Tours
- Live and Recorded Online Events
- Interactive Online Games and Experiences
- Lesson Plans and Curricula (K-12)
- Activity Ideas

Wisconsin

Delve into the Great Lakes region with Wisconsin Sea Grant. The resources on this page include topics such as shipwrecks, plastic pollution, invasive species and underwater exploration of the Great Lakes and other marine environments.

[Click here for Wisconsin's resources:](#)

- Virtual Field Trips/Tours
- Videos/Webinars
- Lesson Plans and Curricula (K-12)

Woods Hole

Explore the sights and sounds of the Massachusetts shoreline through these resources from Woods Hole Sea Grant. Learn about underwater sounds, deep sea exploration, animals, weather and a wide range of general science topics not only focused on the Massachusetts coast but also coasts nationwide.

[Click here for Woods Hole's resources:](#)

- Live and Recorded Online Events
- Videos/Webinars
- Interactive Online Games and Experiences
- Lesson Plans and Curricula (K-12)
- Activity Ideas