

## 1 Woods Hole Science Aquarium

Exhibits and tank displays of marine animals that live in the region, see and touch some up close in the behind the scenes touch tank. Step inside a life-size (43-foot) inflatable humpback whale (weather permitting) and learn more about whales at an outside display nearby.

## 2 NOAA Dock

### NOAA Fisheries

Learn how to identify whales and sea turtles, track ocean currents, determine the age and growth of fish, and the life history of sharks. Talk with researchers about protected marine species like Atlantic salmon, changing ocean chemistry, and how we use drones and other technologies on marine research. See and learn about different fish species, what fisheries observers do, the NOAA Corps, how drones are used in marine research, career opportunities and much more. Step inside a life-size (43-foot) inflatable humpback whale (weather permitting), and enjoy lots of hands-on and kids activities.

### US Coast Guard (USCG)

Tour the USCG 45-foot response boat & watch a search and rescue demonstration at noon\* with a USCG helicopter and rescue swimmer; experience a shipboard damage control simulator; learn knot tying and practice line handling skills. \*Availability of activities is subject to change based on USCG operations.

## 3 Waterfront Park

### 500 Women Scientists

Science should be open, inclusive, and accessible. Visit the Woods Hole 500 Women Scientists to see how science is part of your every day life and learn about the diverse women in STEM fields. Find out about some of the amazing accomplishments that have been made—by famous scientists to the local women in our own community! Kids will enjoy seeing science in action with a hands-on experiment in “candy chromatography!”

### Sea Education Association

Tour the SSV *Corwith Cramer*! Come aboard and learn more about this state-of-the-art tall ship ocean research vessel. One of two tall ships operated by SEA, the SSV *Corwith Cramer* is a unique educational platform that serves SEA's study abroad program, SEA Semester, as well as high school summer programs. Please wear sensible shoes, no strollers. Also, under our tent on Dyers Dock: a mix of marine and nautical science: identify cool critters, discover plastic marine debris, and learn to tie some good knots. Pick up a SEA Semester coloring book too

### Falmouth Water Steward

Find out about Trash Shouldn't Splash, a Falmouth Water Stewards' Skip-the-Straw and Sea Education Association's initiative to reduce single-use plastics. Our table will have a number of activities, including hands-on kids games, reusable straw give-aways, quizzes, ocean plastics exhibits, and more!

### US Geological Survey (USGS)

The USGS will have the SeaBOSS display, a laser spectrometer to measure Green House gasses, an interactive oceanographic modeling application. The Cape Cod National Seashore books will be distributed.

### The Woods Hole Science and Technology Education Partnership (WHSTEP)

is hosting an informational booth about the organization. WHSTEP is a resource network powered by the active partnership between the area science and technology research institutions & organizations and the regional K-12 school districts. Come visit our booth to learn about how we facilitate those connections to expand science learning and teaching resources. This September, we will be hosting a Family Science Night: The Unselfish Shellfish!!! – stop by to learn more and decorate your very own scallop shell ornament right there on the spot!

### Woods Hole Research Center

Learn about climate change research conducted around the world by the Woods Hole Research Center. The soil is a vital yet often overlooked part our world. With interactive exhibits, learn more about the hidden half of the carbon cycle.

### WCAI – the Cape, Coast, and Islands NPR Station

#### WCAI's Living Lab Radio Booth

Learn how to be a Reporter at WCAI's Living Lab Booth! Asking questions and reporting on your findings are not only necessary for journalism, but for the advancement of science. Who was involved? What happened? Where did it take place? When did it take place? Why did that happen?

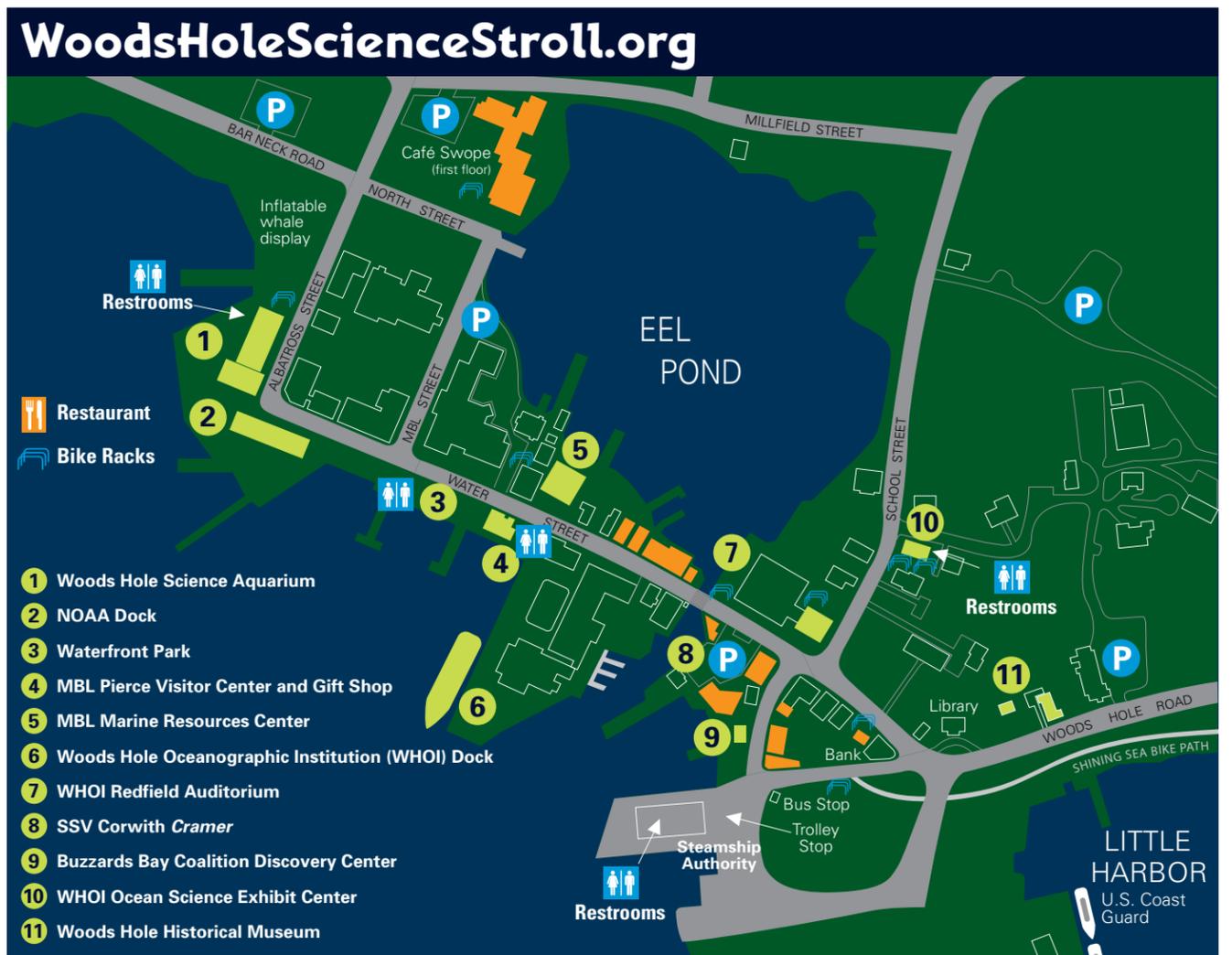
Learn the skills needed to “stand with the facts” just like a WCAI Listener! Each question should have a factual answer – facts are necessary to include for a report to be considered complete for news and science. Become a Living Lab Junior reporter by interviewing someone at another Woods Hole Science Stroll Booth. Bring your report back to the booth for a prize. Younger reporters can explore our mystery boxes. Without being able to see an object can you tell what it is? Report what you feel and guess what the object is. Have a question for a scientist? Record one with someone from the Living Lab Radio show. We will find a scientist to answer your question and you might hear it on air!

### Woods Hole Historical Museum

Check out reprints of historical photographs and publications about the long history of science in Woods Hole. Children can learn to tie nautical knots including a bowline, half hitch, figure-eight and more.

## 4 Marine Biological Laboratory Pierce Visitor Center and Gift Shop

Marine Biological Laboratory Kids Activity MBL Club, 100 Water St., Woods Hole Fish Printing at 11:00 a.m. and 1:00 p.m. Learn interesting facts and stories about fish and then use them to make your own fish fashion! Bring your own plain T-shirts or purchase on-site for (\$5) Fish printing. Marine Biological Laboratory Pierce Visitor Center and Gift Shop Colorful, interactive exhibits and live displays tell the story of the MBL and its impact on life sciences.



## 5 MBL Marine Resources Center

**Living Animal Exhibits** Under the Tents, next to Candle House 127 Water St., Woods Hole Get up close to live marine creatures living in the waters surrounding Woods Hole. View octopus, squid, and other amazing cephalopods; peer inside a skate embryo, and learn about how MBL Scientists draw upon nature to teach us more about their lives, our environment, and even ourselves. **Marine Biological Laboratory Kids Activity** MBL Club, 100 Water St., Woods Hole Fish Printing at 11:00 a.m. and 1:00 p.m. Learn interesting facts and stories about fish and then use them to make your own fish fashion! Bring your own plain T-shirts or purchase on-site for (\$5) Fish printing. **Marine Biological Laboratory Pierce Visitor Center and Gift Shop** Colorful, interactive exhibits and live displays tell the story of the MBL and its impact on life sciences.

## 6 Woods Hole Oceanographic Institution (WHOI) dock

Tour the Research Vessel *Atlantis*

*R/V Atlantis* is one of the most advanced ships in the U.S. academic research fleet. In addition to serving as the support ship for the human-occupied submersible *Alvin*, *Atlantis* is also fully equipped to carry 36 crew and 24 scientists on expeditions lasting up to 60 days and covering more than 17,000 nautical miles (19,500 miles).

Reserve your space to tour the main working deck of *Atlantis*, where you will get up close to *Alvin*, see several of the labs that scientists use to conduct research at sea, and meet some of the people that make *Atlantis* a mainstay of ocean-going research. Reservations required. Visitors to the ship must have a valid photo ID. Please wear sensible shoes; no backpacks, no strollers.

**Get up close to ocean science at the Woods Hole Oceanographic Institution**

- See the world-famous submersible *Alvin* and meet the people who dive in it.
- Make your own Science Stroll souvenirs at the kids' activities table.
- And lots more!

## 7 WHOI Redfield Auditorium

At 11 a.m. and 1 p.m., the Woods Hole Film Festival will feature the documentary *Spirit of Discovery* with two short films *Permafrost Now* and *For the Love of the Reel* and the feature documentary *Acid Horizon*.

## 8 SSV *Corwith Cramer*

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## 9 Buzzards Bay Coalition Woods Hole Outreach Center

Explore a marine touch tank full of animals from Buzzards Bay.

## 10 WHOI Ocean Science Exhibit Center

Videos, displays, and exhibits include marine mammals, *Titanic*, hydrothermal vents, polar research and many more. Check out Splash Lab science demos.

## 11 Woods Hole Historical Museum

The museum is open from 10 am to 4 pm. Exhibits: In gallery one, “The History of Woods Hole,” featuring significant events in the settlement and development of Woods Hole; In gallery two, “Man and Mollusk: A History of Shellfishing” on Cape Cod.