

Woods Hole Day of Science

Woods Hole is a salty, sea spray village that is home to a community of science organizations. Groups can come and enjoy this beautiful village community while they learn about ocean research.

Sample Agenda:

10:00 – 1:00 a.m.

Ocean Science Exhibit Center at the Woods Hole Oceanographic Institution (WHOI)

Enjoy a presentation highlighting the tools and vehicles used to explore the global ocean by WHOI researchers. After the presentation, explore the exhibits in the Ocean Science Exhibit Center. Exhibits include a full scale mock-up of the submarine *Alvin*, a replica of a hydrothermal vent, videos highlighting the discovery and exploration of the RMS *Titanic*, marine mammal sounds, ocean color from space, and much more.

For reservations, contact Kathy Patterson kpatterson@whoi.edu or 508-289-2700.

11 a.m. - 12:30 p.m.

Hands-on oceanographic 'cruise' with Zephyr Education Foundation Program

Students participate in handling equipment while we tow an underwater video camera for a live view of different ocean floor habitats and animals. They collect marine specimens with a dredge and discuss how and why they are used in research. They deploy and recover an instrumented oceanographic mooring, using equipment and collect plankton to bring back to a lab to view under the microscopes. The program continues on-shore and includes time in WHOI's tank room where students spend more hands-on time with a variety of marine specimens. The program finishes by 'playing' with the Interactive Topographic Modeling System (Augmented Reality Sandbox) which is a hands-on tool for learning about topographic maps, watersheds, and coastal processes such as sea level rise, storm surge, and tsunamis

Information is available at www.zephyrmarine.org

For reservations, contact: Rob Reynolds

11 AM – 12:30 PM Group Lunch Locations

Shuckers: Karen Murphy 508-847-5904 or shuckersrb@aol.com

Quicks Hole Tavern: 508-495-0048, or quickshole@gmail.com

Woods Hole Science Aquarium

Visit the oldest operating aquarium in the United States. Exhibits feature animals of the Northeast and Middle Atlantic waters, exhibit cases with bones, skulls, and teeth, and information about marine animals, marine environments, endangered species, marine science, and resource management issues. There are also touch tanks where you may find lobsters, tautogs, quahogs, horseshoe crabs, spider crabs, sea stars (starfish), and hermit crabs. **Seal feeding is at 11 AM and 4 PM**

Reservation contact: George Liles george.liles@noaa.gov or 508-495-2267.