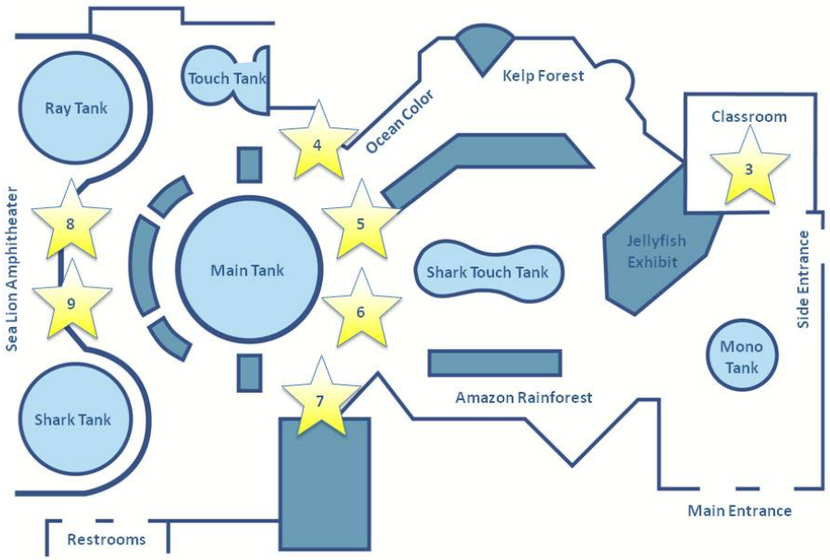
Indoor Exhibits



Outdoor Exhibits

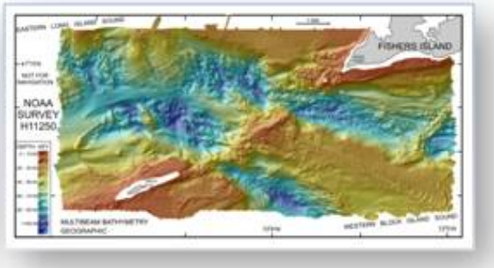
Ocean Science and Technology Day

August 3, 2012 (11:00AM to 2:00PM)

COSEE -TEK

Sponsored by

The Center for Ocean Sciences Education Excellence – Technology and Engineering for Knowledge



Visit exciting and informative exhibits of innovative ocean technologies including real-time data buoys, passive water quality sensors, ocean gliders, remotely operated vehicles (ROVs), acoustic seafloor mapping, and an endoscope to explore the inside of an oyster!

Project Oceanology · NURTEC · reSEARCH · MYSTIC AQUARIUM · Sea Grant Connecticut · AsD FOUNDED IN 1817 · University of Connecticut 1881

Location	Topic	Presenters
1	***COSEE-TEK Information Booth***	I. Babb, K. Matis
2	***The Sound of Science: Marine mammal vocalizations*** Hear the sounds of the Beluga whales in the tank using high resolution hydrophones and see how scientists use computers to visualize these sounds.	P. Scheifele
3	***Fantastic Voyage…into a Bivalve: Using endoscopes to observe the physiology of living shellfish*** This demonstration will illustrate how scientists are using modern medical technology for ocean science and will feature close up video of oyster physiology and feeding behavior.	J.E. Ward, M. Rosa
4	***Marine Mammal Sound Board*** This new interactive exhibit at the Mystic Aquarium features an audio/visual quiz on marine mammal vocalizations and interesting facts about marine fish and mammal communication.	N/A
5 & 6	***The Courtship of EVA & BOB: Monitoring the contaminants and biology of Long Island Sound*** Discover how teachers are building their own "Basic Observation Buoys" and using new sensors to measure pollution and invasive species in the Sound.	J. Hamilton, P. Vlahos

Location	Topic	Presenters
7	***Virtual Underwater Exploration: Using a Google Earth flight simulator to explore underwater maps of Long Island Sound*** This site will feature the latest underwater maps of the Sound, a chance to "fly" over them using Google Earth, underwater video from Long Island Sound and a free DVD (while supplies last!).	R. Lewis, P. Auster
8	***Glide with the Tide: Ocean gliders to profile coastal watersheds*** This exhibit will feature an autonomous underwater glider that just returned from a two-day mission sampling the Sound.	J. O'Donnell
9	***MYSound: Real-time weather, water quality and wave data from Long Island Sound*** This station will have a live feed from UConn's offshore buoy network that provides real time information about the Sound.	K. Howard-Strobel
10	***Aqua-Bots Afloat: Remotely operated vehicles (ROVs) for ocean research and exploration*** Try your hand at "piloting" a small ROV in the *Challenge of the Deep* pool.	*B. Rafferty*
11	***Science and Technology Day Evaluation*** Tell us what you think and get some great prizes!	D. Payne, M. Ryan