



*Nauticus Cub/Boy Scout Navigating the Waters Day
December 5, 2015, 10:00 a.m.-5:00 p.m.*

Special Guest Speaker Programming

***Battleship Wisconsin Crew Meet-N-Greet, Battleship Wisconsin Wardroom, 10-3:** Join the BB64 Crew as they share the stories of their lives aboard various Navy ships, learn to tie knots, pack a seabag, fold flags, and more!

***Battleship Wisconsin Ham Radio Group, 03 Level Flag Bridge Office, ALL DAY:** Come learn about the evolution of communications aboard navy ships including Morse Code, short wave radio, radio teletype, and single sideband voice. Send and decode secret messages through Morse Code using telegraph keys and code reader machines.

***Granby High School Comet Tech ROV Engineering Team, 3rd Floor SeaBots Lab and Hallway, ALL DAY:** Meet the Comet Tech Boy's Engineering Team as they share their skills of building, designing, and operating underwater robotics. **Comet Tech will also hold MATE ROV Demonstrations at the 3rd Floor SeaBots Lab ROV Lab, 1-2.**

***NOAA Build-A-Buoy Workshop, 3rd Floor SeaBots Lab, 10-10:30, 10:30-11, 11-11:30 a.m. (Limit 25 per session):** Test your skills with buoyancy and displacement with building model data collection buoys with our NOAA staff.

***NOAA National Weather Service, 3rd Floor Main Hallway, ALL DAY:** Join the NOAA staff as they demonstrate weather instruments, teach you how to track the weather, issue forecasts and warnings, and seek safety whether indoors at the beach, camping, or enjoying the outdoors.

***Norfolk Naval Shipyard Meet-N-Greet, 3rd Floor Main Hallway, ALL DAY:** Meet the NNSY team members as they share experiences working at our local shipyard including community youth outreach programming such as Sea Perch underwater robotics, LEGO Mindstorm robotics, and more!

***Norfolk Technical Center Meet-N-Greet, 2nd Floor Main Hallway, ALL DAY:** Build and/or operate robotic arms, ride a leafblower hovercraft, drive a Holonomic surface rover, operate a Thermistor temperature probe Test, use DIY hydrophones, demonstrate a buoyancy engine, and participate in a SNAME aluminum foil buoyancy experiments.

***U.S. Navy Fleet Forces Command Meet-N-Greet, 3rd Floor U.S. Navy Stewards of the Sea Exhibit, ALL DAY:** The Stewards of the Sea: Defending Freedom, Protecting the Environment exhibit includes hands-on activities, interactive games and exciting videos. Scan the horizon through giant "Big Eye" binoculars to look for whales, pretend to be a Sailor looking for enemy submarines, and hear how whale calls sound underwater.

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General Nauticus and Battleship Wisconsin Programming

***3-D Themed Movies, 3rd Floor Nauticus Theater, Varied Times:** View our 3-D High Definition Movies that explores sharks and rescue techniques *Shark*, 11-12, 2-3 and *Rescue*, 12:30-1:30, 3:30-4:30.

***Science on a Sphere Program, 3rd Floor Science on a Sphere (SOS) Exhibit, 11-11:30, 2:15-2:45:** Check out our NOAA exhibit featuring datasets projected on a hovering globe that focus on major ecological events and how human impact affects them.

***Shark Lab and Horseshoe Crab Cove, 3rd Floor Aquariums, 11-12, 1-2, 3-4:** Come and visit with our bamboo sharks, horseshoe crabs and other aquatic friends!

***ROV Building Workshop, 3rd Floor ROV SeaBots Design Lab, 11:30-12, 12-12:30, 2-2:30, and 2:30-3 (Limit 25 per session):** As a team, design, build and test a remotely operated underwater vehicle (ROV).

***Fire Suppression Program, Battleship Wisconsin JJ's Room (Ship Main Deck, Portside (Left Side), 12:15-12:45:** Explore the science of fire and the fire safety procedures practiced aboard a navy ship.

***Battleship Communications, 03 Level Flag Bag Station, Battleship Wisconsin, 1-1:45:** Participate in different methods of communication, such as hoisting signal flags and sending signal light messages, that are used aboard a historic Battleship.

***Great Guns of Fire Program, 3rd Floor, Aegis Theater, 1:15-1:45 (Limit 40):** Discover the physics of the Battleship Wisconsin's powerful 16" guns through this interactive educational program.

***Halsey's Typhoon Program, 3rd Floor, Nauticus Education Classroom, 3-3:30:** Track the timeline of a devastating historic storm in the Pacific that involved the Battleship Wisconsin and other navy ships. Learn also about weather instruments and maps, both past and present, that were used for forecasting.

***Water Works Program, 3rd Floor Main Aquarium Hallway, 4-4:30:** Participate in water science experiments such as water adhesion droplets on a penny, color chromatography, and paper clip buoyancy.

Thank you for joining us for Cub/Boy Scout Day at Nauticus and the Battleship Wisconsin!!!