



One Waterside Drive • Norfolk, VA 23510

www.nauticus.org

EXPLORE NAUTICUS PATCH

Fee: \$9 per Girl Scout (includes Nauticus admission, certificate, and patch). Two adults are required and admitted free; additional adults are \$10 per adult. If you would also like to include a visit our *Real Pirates* exhibit (#26 on list), the rate for admission would be \$12.95 per Girl Scout and \$14.95 per adult (must have a minimum of 15 people – includes *Real Pirates* exhibit, Nauticus admission, certificate and patch).

Reservations: Reservations must be made two weeks in advance. Please call (757) 664-1021 or e-mail reservations@nauticus.org. A 50% deposit is due at time of your reservation, and full payment should be made 72 hours prior to your visit.

Guidelines: Come see all of the fun and educational exhibits that Nauticus has to offer! Take a self-guided tour of our museum and complete your age level requirements to earn your Girl Scout Explore Nauticus Patch! Grab a map and schedule at the front desk when you check-in to help direct you to locations and times of Nauticus' activities. Nauticus staff will present you with your Explore Nauticus patch upon completion. Have fun discovering, connecting, and taking action on your exploration hunt!

Daisies: Any number of activities.

Juniors/Cadettes: 15 activities.

Brownies: 10 activities.

Seniors/Ambassadors: 20 activities.

Activities:

1. *Catching the Wind Workshop (SeaBots Lab)*- Build, as a team, a model pirate ship and test its sails. (Scheduled times apply- 30 minutes)
2. *1907 Jamestown Exposition*- Spell your name to a friend in Morse code using the Marconi Wireless Telegraph. (5 minutes)
3. *Battleship X Design Chamber* – Through our interactive theater, build a famous battleship. (Scheduled times apply- 20 minutes)
4. *Knot Tying* - Learn to tie a bowline knot and its uses. (5 minutes)
5. *Cannon vs. 16" Gun Shell*- Compare the weights of a Battleship 16" gun shell to a Volkswagon Beetle. (5 minutes)
6. *Battlescopes*- Use the battlescopes to locate and learn facts about key locations on the Battleship Wisconsin. (5 minutes)
7. *Aegis Theater*- Defend our country's navy ships using an interactive Aegis Command Center program. (Scheduled times apply- 15 minutes)
8. *Navy Parade*- Learn about the Navy's ships and aircraft by phone. (5 minutes)
9. *Pioneer RPV Airplane*- Operate a model surveillance plane, the Pioneer RPV, that was used on the Battleship Wisconsin to locate our war's enemies. (5 minutes)
10. *NOAA Chesapeake Bay Aquarium*- Identify examples of flora and fauna that live in our Chesapeake Bay ecosystem. (5 minutes)

11. *NOAA Chesapeake Bay Office*- Visit the educational resource center for NOAA, the National Oceanic Atmospheric Administration, that provides learning materials about careers in NOAA and the sciences that they study. Pick up a brochure for a souvenir. (Scheduled times apply- 10 minutes).
12. *Shark Lab*- View and learn about the life of a shark (Scheduled times apply- 15 minutes)
13. *Shark Cage*- Crawl into a shark cage that is used by shark scientists for protection when studying out in the wild. (5 minutes)
14. *Science on a Sphere*- Learn about real-time weather, ocean currents, and turtle migration on our interactive globe exhibit. (10 minutes)
15. *Weather Data Wall*- Anemometers measure wind speed. Using the weather data instruments on the wall as well as out on the weather deck, record the wind direction, wind speed, and air pressure level. (10 minutes)
16. *Tornado*- Tornadoes are formed when a warm, moist air mass and a cold, dry air mass collide. Put your hand through the tornado and see what happens when the two air masses separate. (5 minutes)
17. *Clelia Submersible*- Operate the *Clelia* deep sea submersible. The *Clelia* was used by NOAA to explore shipwrecks such as the *Monitor*. (5 minutes)
18. *Horseshoe Crab Cove*- Touch and learn about a living fossil, the horseshoe crab. (10 minutes)
19. *Nauticus Theater*- Watch one of our beautiful, educational movies in our large format theater, the *Nauticus Theater*. (Scheduled times apply- 30 minutes)
20. *Navigation Game*- Steer and navigate a ship along the Elizabeth River.
21. *NOAA Career Hallway*- Find out what Thomas Jefferson's role was with NOAA. (10 minutes)
22. *NOAA Coast Survey Hall*- Identify past and present methods of mapping the ocean floor for navigation. (10 minutes)
23. *Chesapeake Bay Ortho Photo Mosaic Chart*- A chart is a navigational tool used to help find your way on the water. Locate Nauticus on the chart. (5 minutes)
24. *Battleship Wisconsin Tour*- Take a self-guided tour on our historic battleship, the *Battleship Wisconsin* to learn about her history, her people, and her armor. (Scheduled times apply- 45 minutes)
25. *Chesapeake Bay Interpretative Buoy (CBIBS)*- Across from Nauticus in the Elizabeth River, there is a yellow buoy, called a CBIBS Buoy. It feeds information on real-time weather and water quality of the River to the replica kiosk on our front deck. Touch the screen to learn about our local watershed and its current health status. (10 minutes)
26. *Real Pirates Exhibit*- Visit our traveling exhibit, *Real Pirates*, to see precious artifacts of the slave-turned pirate ship, the *Whydah* that sank off the Coast of Cape Cod in 1717. (Extra fees apply; Scheduled time visits only- 45 minutes)

Congratulations on earning your Explore Nauticus Patch!!!