

Cub Scout/Scouts BSA Day at Nauticus - December 7, 2019

Cub Scout/Scouts BSA Check-off Sheet: Please use this sheet to record the activities that your scout has accomplished and turn it into your Scout Leader for recording.

Scout Name: _____ **Den/Pack/Troop #** _____

Activity Station And Times	Scouts BSA	Tiger	Wolf	Bear	Webelo/Arrow of Light	NOVA AWARDS CS- Cub Scout; BS- Scouts BSA
Nauticus and Battleship <i>Wisconsin</i> General Visit	Oceanography, 8	Floats and Boats, 5; Tiger Tales, 7	Collections/ Hobbies, 3a; Hometown Heroes, 2	Paws for Action, 2b; Fur, Feathers, and Ferns, 2	Adventures in Science, 2; Into the Wild, 9a	CS Science Everywhere, 4; Down and Dirty, 4a; NOVA WILD! 5, Out of this World, 4, Tech Talk, 4, Swing 4a; BS Shoot! 2a
Guest Presenters ALL DAY	VARIETY	OF	BADGE	REQUIREMENTS	FOR	ALL AGE GROUPS
Shark Lab and Horseshoe Crab Cove ALL DAY	Oceanography, 1, 5,6, 8b, 9	Tigers in the Wild, 7	Call of the Wild, 6	Fur, Feathers, Ferns, 2; A Bear Goes Fishing, 1; Critter Care, 3b	Into the Wild, 6, 7a, 8, 9	CS Science Everywhere, 1a,4, 5; Down and Dirty, 1a, 3d, 5; NOVA Wild!, 1a, 3, 4, 5, 6; BS Shoot 4
Opening Flag Ceremony 10:30-11	Citizenship in the Nation, 2a		Council Fire, 1,7	Paws for Action, 1	Building a Better World, 1; Scouting Adventure, 1e	CS Science Everywhere, 1a, 5; BS Shoot!, 4
Great Guns of Fire 11-11:30, 1-1:30		Floats and Boats, 5		Paws for Action, 2b	Engineer, 3	CS Science Everywhere 1a, 3a, 4, 5; Swing! 1a, 3a, 5; BS Whoosh! 4; Shoot! 1a, 3a, 4; Designed to Crunch, 5
Science on a Sphere 11-11:30, 4-4:30	Weather, 1,2,3, 4, 5, 7, 8, 11; Oceanography, 1,2,3,4,5,9	Sky is the Limit, 8	Finding Your Way, 1a; Spirit of Water, 1		Earth Rocks, 1b; Adventures in Science, 3f; Building a Better World, 6d	CS Science Everywhere 1a, 4, 5; Tech Talk,1a, 4, 5; Swing 1a, 1-2-3 GO! 1a; Down and Dirty, 1a, 4a; NOVA Wild! 1a, 3; Out of this World, 1a, 3b, 4a; BS Shoot! 1a, 4; Start Your Engines!, 3; Whoosh!, 1a; Designed to Crunch, 1a, 5; Splash! 1a, 5
Battleship Communications Program (Flags) 11:30-12	Signs, Signals, and Codes, 1, 2,4b; Communications 1d, 9	Curiosity, Intrigue, and Magical Mysteries, 3, 4	Howling at the Moon, 1; Code of the Wolf, 4a, b			CS Tech Talk 1a, 3, 4, 5; 1-2-3 GO!, 1a, 4; BS Designed to Crunch 1a
Weather and the Sea 12-12:30	Signs, Signals, and Codes, 1, 2; Weather, 1, 2, 3, 5, 9 a, 11		Call of the Wild, 2, 4a; Code of the Wolf, 1e	Bear Necessities, 6	Outdoorsman, 2a-c	CS Science Everywhere, 1a, 3a5, 4, 5; Down and Dirty, 1a, 3c, 4q 5; Tech Talk, 1a, 4, 5; 1-2-3 GO! 1a, 5; BS Shoot! 1a, 4, Start Your Engines, 3; Designed to Crunch, 2; Splash, 1a, 5
Coral and Carbon 12:30-1	Oceanography, 5, 9; Weather, 7		Spirit of the Water, 1, 2	Fur, Feather, and Ferns, 3; Forensics, 3b, 4c; Super Science, 4	Building a Better World, 6e; Adventures in Science, 3g; Into the Wild, 7b, c, 8, 9	CS Science Everywhere 1a, 3a4, 4, 5; Down and Dirty, 1a, 3d3, 4a, 5; 1-2-3 GO! 1a, 5; BS Shoot! 1a, 4; Splash! 2, 3d, 5
General Quarters Main Deck Tour	Communication 1d, 9; Citizenship in the Nation, 2a; Signs, Signal and Codes, 1, 2, 4	Floats and Boats, 5, 7; Tiger: Safe and Smart, 9; Tiger Tales, 7	Council Fire, 3; Collections and Hobbies, 3a; Hometown Heroes, 1, 2	Paws for Action, 2, 3a; Salmon Run, 4	First Responder, 1; Outdoorsman, 2c; Aquanaut, 3, 8; Build My Own Hero, 1	CS Science Everywhere, 1a, 5; BS Shoot!, 4
Water Works 1:30-2	Oceanography, 2, 5	Curiosity, Intrigue, and Magical Mysteries, 5	Spirit of the Water,1	Forensics, 3a; Super Science 3,4		CS Science Everywhere 1a, 3a, 4,5; Down and Dirty 1a, 3d, 5; 1-2-3 GO! 1a,5; BS Shoot! 4; Splash! 1a, 5
ROV (Remotely Operated Vehicles) Building Workshop 2-2:30, 2:30-3, 3-3:30, 3:30-4	Robotics, 1,2,4c,e; Oceanography, 1, 9; Exploration 1b, 3, 5b, 9	Floats and Boats, 6; Team Tiger, 1	Paws of Skill, 4; Motor Away, 2	Robotics, 1, 2, 4, 5; Super Science 3	Engineer, 1, 4	CS Science Everywhere, 1a, 3a.5, 5; Tech Talk 1a,5; Swing 1a,5; 1-2-3 GO! 1a, 5; Down and Dirty, 1a, 4, 5; Fearful Symmetry 1a; BS Shoot!, 1a,4; Start Your Engines, 1a, 2,3; Whoosh!, 1a, 4
Simple Machines 3-3:30		Curiosity, Intrigue, and Magical Mysteries, 4	Howling at the Moon, 1; Code of the Wolf, 2c, 4b	Make it Move, 2	Build It, 1	CS Science Everywhere, 1a, 3a5, 4, 5; Swing!, 1a, 3a,4a5; 1-2-3 GO! 1a, 4, 5; BS Shoot! 1a, 4; Whoosh!, 1, 2a, 4



Annual Nauticus Cub Scout/Scouts BSA Day
December 7, 2019, 10:00 a.m.-5:00 p.m.

Special Guest Speaker Programming

- 1) ***Army Corps of Engineers, 3rd Floor VISTA, ALL DAY:** Learn about the US Army Corps of Engineers missions and what engineering projects the Norfolk District has in our portfolio. Additionally, find out about what the Norfolk District does for maintaining and cleaning the regions waterways and safe practices while using these waters.
- 2) ***Battleship Wisconsin Radio Club, Battleship Wisconsin 03 Level, ALL DAY:** Join the Radio Club members as they demonstrate the variety of communication equipment used on our Battleship *Wisconsin*- radio operating positions, two with modern equipment and one true WWII radio set up, that have the capability of communicating worldwide. There will also be a morse code position where the Scouts can actually send messages using a morse code key.
- 3) ***Children's Museum of Virginia, 3rd Floor VISTA, ALL DAY:** Join the crews as they explore the science of KEVA planks. Build structures by simply stacking the planks- no glue, no connectors. From preschoolers to architects, each person builds at his or her own skill level. Try one of the challenges provided, use your imagination and compete with friends.
- 4) ***Mariner's Museum, 3rd Floor VISTA, ALL DAY:** The Mariners' Museum is home to the USS *Monitor* Center, and is surrounded by the 550-acre Mariners' Museum Park. Scouts will have Park items, navigational tools, and other fun items to explore the help understand what our unique Museum and Park are all about.
- 5) ***Norfolk Botanical Garden, 3rd Floor VISTA, ALL DAY:** Practice your field biology with Norfolk Botanical Garden as you learn about the plants and animals who call the Garden home, and then make your own small flower press to take home.
- 6) ***Norfolk Department of Utilities, 3rd Floor Shark Lab/Horseshoe Crab Cove Area, ALL DAY:** Beware of the Grease Grinch this holiday season! Scouts will learn from the Norfolk Department of Utilities what not to put down the drains. Saving us all from costly repairs and environmental disasters.
- 7) ***National Oceanic and Atmospheric Administration (NOAA), 3rd Floor NOAA Hallway, ALL DAY:** Join your local National Oceanic and Atmospheric Administration (NOAA) friends today in learning about NOAA careers on land, at sea, and in the air. You can also play with a sounding box to make your own nautical chart, participate in gummy suit races, and see how a compass works!
- 8) ***Norfolk Police Harbor Patrol, 3rd Floor NOAA Main Hallway, ALL DAY:** The Norfolk Police Department Harbor Patrol Unit will be showing sonar equipment used by divers and boats during search and rescue/evidence recovery operations. We will also have public safety dive gear as worn by our police divers set up for demonstration.
- 9) ***Norfolk Naval Shipyard Outreach/Shipyard/Naval Civilian Managers Association (NNSY/NCMA), 3rd Floor VISTA, ALL DAY:** Meet the NNSY team members as they share experiences working at our local shipyard including community youth outreach programming such as LEGO Mindstorm Robotics, snap circuits, and more!
- 10) ***Sail Nauticus, 3rd Floor Main Hallway, ALL DAY:** Meet the Sail Nauticus crew as they share hands-on activities demonstrating basic sailing techniques.
- 11) ***Tidewater Community College, Shark Lab/Horseshoe Crab Cove Area, ALL DAY:** Meet students and instructors from Tidewater Community College to learn about their mechatronic and manufacturing careers.

- 12) ****U.S. Navy Fleet Forces Command, 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 virtual "Big Eye" binoculars to look for whales, pretend to be a Sailor looking for enemy submarines, and hear how whale calls sound underwater.
- 13) ****Virginia Zoo, 3rd Floor VISTA, ALL DAY:*** Look for clues with the Zoo! Join the Virginia Zoo as we unlock the secrets left behind by animals revealing how they eat, move, and survive in their environment.

General Nauticus and Battleship Wisconsin Programming

****Shark Lab and Horseshoe Crab Cove, 3rd Floor Aquariums, ALL DAY:*** Come and visit with our bamboo sharks, horseshoe crabs and other aquatic friends.

****Battleship Wisconsin Opening Flag Ceremony, Battleship Wisconsin Fantail, 10:30-11:*** Join us as we celebrate our 10th Annual Scout Day by raising our nation's ensign aboard the historic US Navy ship, the Battleship *Wisconsin*.

****Science on a Sphere Program, 3rd Floor Science on a Sphere (SOS) Exhibit, 11-11:30, 4-4:30:*** Check out our NOAA exhibit featuring datasets projected on a hovering globe that focus on major ecological events and how human impact affects them.

****Great Guns of Fire Program, 3rd Floor VISTA, 11-11:30, 1-1:30:*** Take part in hands-on experiments to demonstrate the physics of how the Battleship *Wisconsin* 16 inch guns operate.

****Battleship Communications Program, 03 Level Flag Bag Station, Battleship Wisconsin, 11:30-12:*** Participate in different methods of communication, such as hoisting signal flags to send messages, that are used aboard a historic Battleship.

****Weather and the Sea Program, Nauticus Theater, 12-12:30:*** Learn all about barometric pressure and how to read a weather map. Scouts will also learn about what storms form from changes in pressure and will an investigation on a historical weather event that the Battleship *Wisconsin* survived.

****Coral and Carbon Program, 3rd Floor Aquarium Hallway, 12:30-1:*** Learn about the effects of excess CO₂ and ocean acidification on our world's oceans and the animals that live within them.

****General Quarters Guided Battleship Tour, Battleship Wisconsin Main Deck (meet at Quarterdeck for start of tour): 1-1:45, 2-2:45 (Limit 30 per session- please sign up to attend):*** On the anniversary of the attack on Pearl Harbor, join us for a guided main deck tour aboard the Battleship *Wisconsin* to learn about general quarters preparation for war.

****Water Works Program, 3rd Floor Aquarium Hallway, 1:30-2:*** Learn about the special qualities of water- adhesion, cohesion, and capillarity action, through cool experiments like how many drops of water fit on a penny and color chromatography.

****ROV Building Workshop, 3rd Floor ROV SeaBots Design Lab, 2-2:30, 2:30-3, 3-3:30, and 3:30-4 (Limit 30 per session- please signup to attend):*** As a team, design, build and test a remotely operated underwater vehicle (ROV).

****Simple Machines Made Simple, Nauticus Theater, 3-3:30:*** Learn about the variety of simple machines used to make life easier aboard the Battleship *Wisconsin*.

***Thank you for participating in our Cub Scout/Scouts BSA Day
at Nauticus and the Battleship Wisconsin!***