

OCEANOGRAPHY MERIT BADGE WEEKEND

Presented by Chincoteague Bay Field Station and Road Scholar
Wallops Island, VA



FRIDAY SEPTEMBER 29	4-6:00PM	Check In _____ Education Center Lobby
	6:00PM	Dinner _____ Dining Hall
	6:30PM	Group Welcome/Orientation _____ Education Center Lab
	6:45PM	Oceanography Introduction Set your sails for a crash course into the field of oceanography and go over the research equipment you'll be using aboard our research vessel the next day. Don't forget to bring your plankton nets!
	10PM-7AM	Quiet Hours
SATURDAY SEPTEMBER 30	7:30AM	Breakfast _____ Dining Hall
	8:15AM	Oceanography Research Boat Expedition _____ Education Center Lab Venture out into the tidal creeks on one of our research vessels to collect data and creatures like professional marine scientists! Work as a research team doing water sampling, water quality tests, tidal current property measurements, and collect organisms using an otter trawl. <ul style="list-style-type: none"><input type="checkbox"/> Hat, Sunscreen, Water Bottle<input type="checkbox"/> Dress in Layers and according to the weather (Maybe colder on the water)<input type="checkbox"/> Wear clothing you can get soiled/wet<input type="checkbox"/> Wear sneakers or lace up boots (ask staff to borrow loaner shoes if you do not have these)<input type="checkbox"/> Field book & writing utensil
	10:30AM	Winds and Currents of the Sea _____ Education Center Lab Continue exploring the field of Oceanography as we look closer at the ocean in motion. Bring your field book!
	12:30PM	Lunch _____ Dining Hall
	1:45PM	Intertidal and Dunes Ecology Field Trip _____ Education Center Lab Led by one of our naturalists, you'll hike along the coast line of Assateague Island to learn about littoral currents, wave energy, beach formation, distribution of flora and fauna, and ecological succession. You'll learn about the tides and the effect that it has on the critters that live in these tough environments and get hands-on as you collect marine creatures using seine nets, sieve boxes, and your plankton nets! <ul style="list-style-type: none"><input type="checkbox"/> Bring Your Plankton Nets with You!!<input type="checkbox"/> Sunscreen/Bug Spray or Bug Netting/Water Bottle<input type="checkbox"/> Writing utensil<input type="checkbox"/> Secure shoes that can get muddy (ones with straps on front and back)<input type="checkbox"/> Bathing suit-worn under clothing for changing afterwards<input type="checkbox"/> Towel, change of clothing and additional shoes<input type="checkbox"/> Bag for wet clothing (please request a plastic bag from staff if you need one)
	5:15PM	Dinner _____ Dining Hall
	6:00PM	Organisms Lab _____ Education Center Lab Bring your field book and writing utensil as you get a closer look at the organisms collected aboard the boat and in your plankton net. Then start work on your 5-min presentations.
		10PM-7AM
SUNDAY OCTOBER 1	7:30AM	Breakfast _____ Dining Hall
	8:00AM	Check-out _____ Residence Hall
	8:30AM	Presentation Prep/Lab Clean Up _____ Education Center Lab
	9:30AM	5-Minute Presentations In the lab, give a 5-min presentation answering the question "Why Oceanography is Important" or "Career Opportunities in Oceanography." Once you're done, you will have completed your Oceanography Merit Badge! Departure: Thanks for coming! We hope you have enjoyed this new learning adventure and will join us for other rewarding educational programs in the future. Best wishes and safe travels!