

HOMESCHOOL MARINE SCIENCE ADVENTURE

Presented by Chincoteague Bay Field Station
Wallops Island, VA



DAY 1	4:30-6PM	Check In (Please eat dinner before arrival) _____ Education Center Lobby
	6:00PM	Welcome & Orientation _____ Education Center Lab
	6:45PM	Coastal Ecology & Introduction to Barrier Islands Learn all about the unique ecology of the area that we will be exploring up close tomorrow. Find out why barrier islands are constantly changing and why these systems are so important.
DAY 2	8:00AM	Breakfast _____ Dining Hall
	8:45AM	Oceanography _____ Education Center Lab Study the various collection methods oceanographers use to sample both the water itself and the organisms that live it. Then head to one of our field sites to collect water quality data on salinity, temperature, pH, turbidity, and dissolved oxygen. Keep an eye out for interesting marine organisms to bring back to the lab! <ul style="list-style-type: none"><input type="checkbox"/> Hat & sunscreen<input type="checkbox"/> Water bottle<input type="checkbox"/> Bag for wet clothing (please request a plastic bag from staff if you need one)<input type="checkbox"/> Long pants and tight fitting sneakers/water shoes (no rubber boots) that can get muddy<input type="checkbox"/> Bathing suit worn under clothing (for changing afterwards)<input type="checkbox"/> Towel, change of clothing, and additional shoes<input type="checkbox"/> Binoculars and/or camera
	12:30PM	Lunch _____ Dining Hall
	1:30PM	Intertidal Zone Lecture and Field Trip _____ Education Center Lab Visit Tom's Cove and use seine nets and sieves for organism collection. We will also spend time sampling for various environmental parameters and discussing species diversity, distribution, and adaptation. <ul style="list-style-type: none"><input type="checkbox"/> Hat & sunscreen<input type="checkbox"/> Water bottle<input type="checkbox"/> Bag for wet clothing (please request a plastic bag from staff if you need one)<input type="checkbox"/> Long pants and tight fitting sneakers/water shoes (no rubber boots) that can get muddy<input type="checkbox"/> Bathing suit worn under clothing (for changing afterwards)<input type="checkbox"/> Towel, change of clothing, and additional shoes<input type="checkbox"/> Binoculars and/or camera
	5:15PM	Dinner _____ Dining Hall
	6:00PM	Organism Lab _____ Education Center Lab In our exciting organism lab, we will use Dichotomous keys, field guides, and microscopes to examine and identify the various organisms, zooplankton, and phytoplankton collected in the field.
	DAY 3	8:00AM
8:30AM		Check Out _____ Education Center Lobby 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!