Grade 6 students visit the Sassafras Environmental Education Center to learn about the geology, ecology and history of the Delmarva Peninsula. By paddling in canoes in the Sassafras River they access areas along the river where they can make observations of the land area surrounding the river, the streams that connect with it and how people utilize the resources the river provides.

Through a grant from the Maryland Department of Natural Resources students plant trees that will serve as a riparian buffer next to a farm field. The trees will absorb excess nutrients from the soil and reduce sediment entering the river.

Students also learn Best Management Practices in farming and gardening. They study soil health, companion planting for nutrients, buffers, and attracting pollinators. The students, starting in the fourth grade through the summer program, plant the seeds, weed, pick insects, cultivate, water and harvest. The vegetables are taken to the local food pantry.
5th Grade

Kent County fifth graders come to Echo Hill Outdoor School for a one-day experiential learning program. This introduction to the curriculum and residential life at Echo Hill serves as preparation for their three-day, 6th grade trip. By connecting ideas across the curriculum and to their work in the classroom, students will develop a deeper understanding of the natural world. 5th graders experience Chesapeake Bay Ecology, a survival activity, new games, Sensory Exploration of the Environment, and a family-style hot lunch with songs and SLOP (stuff left on plate) skit. These classes introduce students to real life examples of erosion, an appreciation for their local ecosystems, and an increased self-awareness about “stuff left on plate.” Igniting curiosity and wonder, students will use their senses to explore the world around them, make connections to their lives, and construct explanations about the relationships between cross-curricular concepts.

6th Grade

During a three-day, residential program, 6th graders participate in classes that engage the senses, activate critical thinking skills, and develop social awareness. Bay Studies, Scanoe (Swamp Canoe), and Aqualogy provide students with the opportunity to utilize local surroundings in order to expand their understanding of ecosystems and record their observations. Survival, Sensory Exploration of the Environment, Early American Studies, and Garbology classes ask students to think deeply and critically about human interactions with the environment. This program is designed to reinforce classroom objectives, align with standards, and inspire a sense of wonder. Residential life at Echo Hill allows students the opportunity for inter- and intra-personal growth. Echo Hill’s unique location, cross-curricular approach, and place-based learning methods provide a forum for integrated environmental study.

7th Grade

As the culminating trip of their middle school experience, 7th grade students come for a one-day Adventure and Swamp Ecology experience. They participate in a host of adventure games and obstacles that emphasize problem solving, individual goal setting, teambuilding, and group development. Additionally, 7th grade STEM students conduct environmental research projects on Echo Hill’s ecologically diverse campus.