



Teaching Watershed Science: Dynamic Science for the K-8 Classroom

Dates: July 31st – August 2nd 2018

Location: Port Clyde, Maine

A watershed is an area of land that drains into a body of water. Teaching about how land use influences our waterways is a great way to integrate multidisciplinary and place-based lessons into the classroom. Stream, lake or pond monitoring engages students in chemistry, biology, and ecology, and inspires stewardship actions that benefit local communities.



The workshop includes • 2.5 days of hands-on teacher training in watershed education • Standards-based watershed curriculum that will engage and motivate your students • Survey materials for monitoring aquatic habitats with your classroom

- Learn about watershed science and how the way we use land creates both healthy human and wildlife communities.
- Explore the many ways watershed education can be easily integrated into your science classes to meet content standards.
- Participate in hands-on lessons and experiments that use watersheds to demonstrate the water cycle, community ecology, math, chemistry, and mapping to students.
- Enjoy a relaxing and informative evening nature cruise on Muscongus Bay.

Your instructors will be Heather Richard and Katie May Laumann. Heather has over 15 years of experience teaching hands-on science in outdoor settings ranging from mountain headwaters to the open ocean. She holds a Master's degree in Marine Biology studying plastic pollution. Katie May holds a Ph.D. in Marine Science with a focus on fish genetics and development. She has taught aquatic science in the field, classroom, and lab to middle school, high school, and college students. Both Heather and Katie May instruct middle and high school students in marine science and aquaculture classes and have developed an extensive curriculum of hands-on lessons that incorporates science, math, business, and language arts into topics relevant to watershed education.

Tuition for the entire course, including all materials and supplies is \$500.00. Tuition includes an evening boat cruise, continental breakfast and lunch daily. Housing is available for \$150 on a first come, first serve basis in a historic farmhouse on Herring Gut's waterfront campus in Port Clyde. Classes and activities are balanced with time to enjoy the village and surrounding area.

FMI and to Register: <http://www.herringgut.org/forteachers.html>
Phone: 207-372-8677 e-mail: info@herringgut.org

Herring Gut Learning Center admits students of any race, color, national or ethnic origin