

Musconetcong Watershed Association

Watershed Education Program

Environmental Science Program

Meets New Jersey Core Curriculum Content Standards for Science



Program Overview

The MWA Watershed Education program teaches students about freshwater ecology, groundwater and surface water, impacts of stormwater runoff, and the historic and geological features unique to the limestone valleys in the Musconetcong and adjacent Delaware River Tributary Watersheds. Our program promotes a sense of stewardship for the environment that is rooted in knowledge of science, local ecology, and history.

Our in-class lessons cover topics such as: What is a Watershed, Land-use and Water Quality, and Monitoring our Rivers. The program can take place over the course of 1-4 days and includes a field trip to a local stream. This program is highly flexible, and may be used for a class studying water ecology, life science, or earth science. Emphasis can be placed on various topics according to your curriculum needs.

Fee: The MWA requests that all participating schools contribute \$130 per class. This contribution covers a portion of the actual program costs including classroom sessions, fieldwork at the river, and materials, allowing MWA to continue to bring this experience to students.

Meet our Instructor: Kyle Richter



MWA staff member, Kyle Richter, is our Education and Outreach Coordinator. Mr. Richter holds a Bachelor of Science Degree in Marine Science from Rutgers University. He has extensive experience teaching all aspects of environmental education to students of all ages. He enjoys sharing his love and knowledge of the outdoors with anyone who is willing to listen, and is looking forward to working with you and your students!



What is a Watershed?

No matter where you live, you live in a watershed. A watershed is the land area that drains to a single body of water such as a stream, lake or wetland. Watersheds are usually named after the water body into which the land drains. Local watersheds include, the Musconetcong, Pohatcong, Pequest, Paulinskill, and South Branch Watersheds.

Within each watershed, all water runs to the lowest point. On its way, water travels over the surface and across farms, fields, forestland, suburban lawns, and city streets, or it seeps into the soil and travels through the ground to refill our aquifers- our drinking water. Therefore, the way we use land in our watersheds is critically important to aquatic life and to our supply of drinking water.



For more information or to schedule the MWA Watershed Education Program:
call 908-537-7060 or email kyle@musconetcong.org

www.musconetcong.org



The Musconetcong Watershed Association (MWA), incorporated as a nonprofit 501(c) (3) organization in 1992, is committed to protecting and improving the quality of the Musconetcong River Watershed, including its natural and cultural resources, through public education and awareness programs, water monitoring, promotion of sustainable land management practices, and community involvement.