Clearwater Classroom Programs In Your School!

Clearwater is proud to offer high-quality Hudson River programs at your school. These offerings are a great complement to your students’ classroom study of the Hudson, or their Clearwater experience. All of these programs are stand-alone experiences or can be used as a pre- or post-trip activity with our Tideline program or our shipboard programs. Many activities can be adapted to include specific topics you’re covering with your students right now! All programs reflect the NYS Learning Standards.

1. **The Power of Song (grades K-12)**
   Throughout history music has been a catalyst for change, a medium for protest, and a way to deliver a message of hope. Clearwater’s founder, Pete Seeger, has always understood this and our organization is now delivering this message to schools in the Hudson Valley. The Power of Song is an interactive learning experience that exposes students to socially conscious music and empowers them to be active on issues that concern them. Several learning options are available. See accompanying sheet for more information.

2. **Hudson River Puzzles (grades K-8)**
   Using a 20-foot puzzle of actual charts of the Hudson River, a Clearwater educator will present a hands-on lesson about the navigable Hudson. Students will examine individual puzzle pieces, develop questions about chart symbols, identify key chart abbreviations, create hypotheses for number representation, determine highest and lowest parts of the river for their section, see the river in almost its entirety and generate an appreciation of the flow and width of the Hudson through a “river walk”. **$250 with $50 per additional class on the same day**

3. **Eels on Wheels: The Life Cycle of an Eel (grades 3-8)**
   The North American Eel has one of the most interesting life cycles in our estuary. They are born in the Sargasso Sea off Bermuda and drift with the currents to reside in the Hudson. The program begins with a slide show of the eels’ life cycle. The group then divides in half to complete a mapping exercise of the eels’ migration and to observe live eel specimens. The program incorporates map skills, math, geography, and life sciences. **$250 with $50 per additional class on the same day**
4. Discover the Hudson! (K-12)
This one-hour presentation introduces students to the Hudson River – its history, features, and uses over time. This is a wonderful classroom experience to lay down the foundation of your Hudson River studies. This presentation is often used as a pre-trip experience before a field program or a sail on the sloop. Using a PowerPoint slide show, the students take a tour of the Hudson and view the beauty and the challenges facing our river. $250 with $50 per additional class on the same day.

5. Hudson River Extravaganza – the field trip that comes to your school! (grades K-12)
Two Clearwater educators come to your class with live fish and macroinvertebrates and divide the class in half to rotate through these two learning stations. Students will identify fish, and collect and identify aquatic invertebrates. Life cycles, adaptations, and human impact on these animals will be discussed. Our most popular classroom program, it is hands-on, interactive, and helps develop a personal connection to our river, through the examination of the diverse life in the estuary. $500 for one class - $50 per additional class on the same day.

6. Water Pollution Clean Up Activity (grades 3-12)
A hands-on activity where students come face to face with the realities of water pollution - where it comes from, where it goes, and what it leaves behind. Students in small groups will clean up a sample of mock-polluted water using simple tools that are analogous to what you find in a water treatment plant. They will assess our treatment strategies and discover how we can pollute less. $250 with $50 per additional class on the same day.

7. Pay or Pollute Watershed Challenge (grades 5-12)
A decision making activity where students assume the identities of stakeholders in Hudson River regions and participate in the process of community influence on environmental issues. In small groups, the students are given several pollution scenarios and must come to a consensus of whether to pay for a solution or continue to pollute. Students will realize the challenges of community decision-making and creating a comprehensive watershed protection plan. $250 with $50 per additional class on the same day.

8. The Hudson before and after Hudson (K-12)
How has the Hudson changed since Henry Hudson sailed upriver in 1609? What will the future Hudson River look like? This Quadricentennial-themed program gives an overview of Hudson River geology, history and ecology through slides, artifacts, and stories. A PowerPoint slideshow is followed by the students placing artifacts on a large HR timeline and discussing why they belong where they do. $250 with $50 per additional class on the same day.

*Although our office is in Beacon, Clearwater programs are available to the whole Hudson River Watershed. Additional travel fees ($50 outside a 20 mile radius) may be necessary. For bookings and more information, contact Clearwater Educator, Eli Schloss, at 845-265-8080, ext 7106 or via e-mail to eli@clearwater.org.
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"This machine surrounds hate and forces it to surrender"
- Pete Seeger’s banjo

**Power of Song 1: One 45-Minute Assembly Program**  
*grades K-12*  
Students are introduced to songs that teach you about scientific principles and historic events, and how music can move you to action. Songs and movement opportunities about the Hudson River – its bounty, its background, and its beauty - are accentuated. Students participate throughout the program and are reminded of their intimate relationship with the natural world. **$400 for one assembly.**

**Power of Song 2: Full Day Workshop**  
*grades 2-12*  
Students are introduced to the world of “parodies with purpose” – song parodies through history that have taught, inspired, and motivated-to-action entire populations. After an introduction to the song parody, individual classes will create their own song parodies with a Clearwater expert about an environmental issue or an issue of the time. Each class will perform their song parody in a culminating assembly. **$600 for a full day.**

**Power of Song 3: Multi-Day Workshops or Full Semester Programs**  
*grades 4-12*  
Historically, songs have been a catalyst for rallying support in social and environmental movements. Students will become acquainted with music dealing with societal issues of the day, and demonstrate how they relate to environmental justice. The students will research, write, and perform a variety of meaningful songs from a wide array of musical genres. This presentation acts as a unifying agent between students, their environment, and the power of music. The goal is for students to be inspired by the social movements of the past and appreciate their ability to enact social change through the power of song.  
**$1000 for a 3-day program. Prices vary with the size and scope of other projects.**

Clearwater is currently applying for grants to help subsidize the cost of the Power of Song for schools and organizations.

**NYS Learning Standards correlation:**  
Arts/Theater 1,2,3,4  
Arts/Music 1,2,3,4  
ELA 1,2,3,4  
Science/Living Environment 1,3,5,6,7  
Social Studies 1.1, 1.2, 1.3, 1.4