

CATCH ON TO OUR PROGRAMS

Our program repertoire is always growing. If you don't see something you need or need help matching programs with your education goals, just ask!



LEARNING INSIDE

Just enter our center and the learning begins. Touch river life in our "Beach in a Box." Check out our "Catch of the Day" wall to see what's swimming. Follow the flow... the creatures living in our aquaria are always changing. Select from the programs below.

"SEE"-HORSE SCENES

GRADES PRE-K-1

Discover how fish use **camouflage** to hide from predators and care for **off-spring** in unique ways. After reading about the travels of Mr. Seahorse, students create scenes of seahorses hidden among the water celery.

Meets NYS Science, ELA and Arts Standards

THE HUDSON RIVER BIG PICTURE*

GRADES PRE-K-5

Take a virtual trip from the source to the mouth of the river. By piecing together over-sized photographs, students connect with the expanse of the river while exploring its **geography, geology, culture** and **ecology**. Or make it a **transportation** lesson, where land and water travel can be explored.

Meets NYS Science, ELA and Social Studies Standards

PLANT VS. ANIMAL*

GRADES PRE-K-5

Students use their senses to classify Hudson River artifacts by identifying **plant and animal characteristics**.

Meets multiple NYS Science Standards

HUDSON RIVER FOOD CHAIN AND FOOD WEB*

GRADES K-5

Students play parts of the **food chain** and discover the interdependencies of plants and animals in the Hudson River watershed. See how those relationships change when **pollution** enters the system. Request a Hudson River **food web** activity for extra learning.

Meets NYS Science, ELA and Social Studies Standards

*Programs with asterisk can be brought to your site.

FISH SENSES*

GRADES K-5

How do fish find their way in the muddy Hudson River? Find out in this sensory game where we compare human **senses** and **sense organs** to those of fish.

Meets multiple NYS Science Standards

HUDSON RIVER ESTUARY MODEL

GRADES 2-8

Students learn about Hudson River **geography, estuaries, watersheds, tides, wetlands** and **pollution** by participating in demonstrations using Beczak's one-of-a-kind Hudson River Estuary Model.

Meets NYS Science and Social Studies Standards

THE GREAT WATER MIX-UP*

GRADES 3-7

Armed with scientific equipment and their knowledge of the Hudson River estuary, students use the **Scientific Method** to deduce where in the Hudson River three water samples originated. Background information packet and suggested follow-up activity provided.

Meets NYS Science, ELA and Social Studies Standards

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WATER CLEANUP

GRADES 5-8

In this fun, messy activity, students compete in groups to see which team can make the best **economic** and procedural decisions to best clean "**pollution**" from a water sample. Meets NYS Science, ELA and Social Studies Standards

HUDSON RIVER PERSPECTIVE

GRADES 2-12

Have they ever really seen the Hudson? Students hone **art and observation skills** by interpreting our spectacular view of the river and **Palisades** into **watercolor landscape paintings**. The Hudson's historic role in art inspiration will be emphasized. Meets NYS Science, Social Studies and Art Standards

CUCKOO FOR COPEPODS!

GRADES 3-12

Plankton is not just a cartoon character! Enter the fascinating world of aquatic drifters beginning with their role in **food chains**. Students toss a plankton net to collect specimens, then learn **observation and identification techniques**, using hand lenses, a video microscope and reference guides.

Meets multiple NYS Science Standards

GEOLOGY ROCKS!

GRADES 3-9

The Hudson River Palisades really *are* more spectacular than the mall! Students participate in demonstrations while completing a **take-home geology workbook** to understand the characteristics of **sedimentary, igneous** and **metamorphic rocks** and the **geological processes** which led to the **formation of the Palisades**.

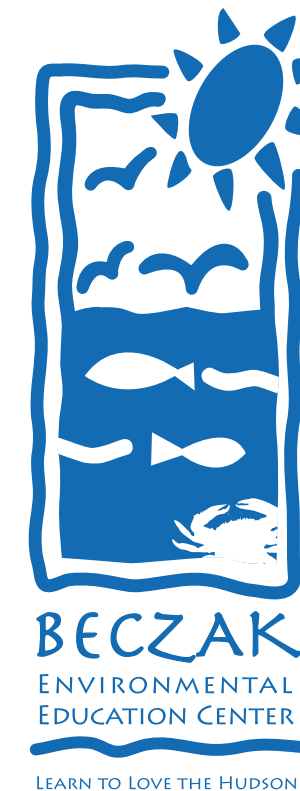
Meets NYS Science, ELA and Social Studies Standards

HUDSON RIVER WATER CHEMISTRY

GRADES 7-12

Students collect **water samples** then measure **physical and chemical parameters**. Interactive demonstrations and **data analyses** help students understand the dynamic roles of each parameter in the Hudson. Use the **data sheets** in your classroom to compare your data with online data from our Hudson River monitoring station!

Meets NYS Science, Math (follow-up activity) and Social Studies Standards



"Our trip to Beczak was a hands-on adventure filled with fun and learning."

Third grade teacher, Mount Vernon Public Schools

LEARNING OUTSIDE

We'll take you to the river to explore the shore and more. Discover our park, the beach, the marsh, the view. You'll be amazed at what you will find.

Let's go!

CATCH OF THE DAY SEINING PROGRAM

ALL AGES!

Put on your waders. Hold onto a net. Find out who and what lives under the waves by dragging a 30-foot seine net through the water to catch fish and other remarkable Hudson River creatures. Students keep a tally of our catch and add the information to our indoor display. We provide chest waders to help keep students dry. While waiting their turn at seining, students embark on a scavenger hunt to see how many Hudson River treasures they can find. Picture lists are available for younger and ESL students.

Meets NYS Science, Math, ELA and Social Studies Standards

THE STRUCTURE OF A MARSH

GRADE 3-10

Explore our tidal marsh and uncover the secrets of this delicate system. Students work in teams honing map skills and learning about **marsh zones, tides**, and **plant adaptations** to stake the boundaries of our marsh and label significant ecological components.

Meets NYS Science, Math and Social Studies Standards

ASK ABOUT our educational activities for adults, after school programs, scout badges, camps and weekly sessions that span the entire school year.

PLEASE CALL to find out if your group qualifies for program funding assistance.



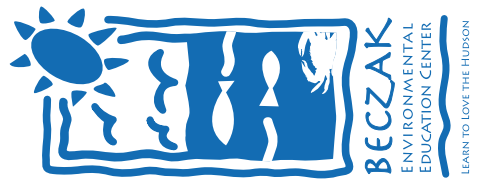
BE CZAK ENVIRONMENTAL EDUCATION CENTER

**LEARNING FROM THE RIVER.
SEE WHY IT FLOWS BOTH WAYS.
WHAT CREATURES LIVE IN ITS WATERS?
OUR PROGRAMS LET STUDENTS EXPLORE!**

For nearly 20 years, Beczak Environmental Education Center has helped children explore and appreciate the natural wonders of the mighty Hudson River, one of our nation's great American Heritage Rivers. From measuring tides to petting eels, our hands-on, Hudson River-based programs meet New York State Department of Education Learning Standards. Our interdisciplinary approach to learning supports science, math, language arts, social studies and fine arts teaching. We are proud of our long-standing relationship with Westchester, Rockland and New York City schools, and continue to help teachers incorporate Hudson River learning into their curriculums.

Our **Hudson River Interpretive Center**, opened in September 2004, features a wet lab, interactive exhibits, Riverfront Park, tidal marsh, sandy beach and spectacular views of the river and the Palisades. All programs are conducted inside our spacious, child-friendly facility or outside on our Hudson River waterfront.

Ciba Specialty Chemicals Corporation has provided support for our programs.



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PROGRAM GUIDE FOR EDUCATORS

THE HUDSON RIVER IS RIGHT IN YOUR BACKYARD.

SHOW YOUR STUDENTS HOW CLOSE IT REALLY IS!



BE CZAK ENVIRONMENTAL EDUCATION CENTER

Hudson River Exploration Programs for Students Grades Pre-K through 12

YOUR VISIT TO BE CZAK

A class trip to Beczak is an educational adventure your students will never forget. Some programs follow the tides and are limited, so please call early to schedule your visit.

Maximum 25 students per program

PRICING AND PROGRAM DURATION:

AT BE CZAK

• Catch of the Day Seining program	2 hours, \$320
• Cuckoo for Copepods!, Geology Rocks! Hudson River Chemistry and The Structure of a Marsh programs	90 minutes, \$220
• All other programs	1 hour, \$170

AT YOUR SITE*

Programs with asterisk can be brought to your site	\$190/hour
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(additional travel expenses may apply)

Some programs are flexible and can be adapted to your time needs if requested.

A non-refundable deposit of 50% of the program cost is required to reserve your program date. The balance of your payment is due no later than the program date. All programs are held rain or shine. School programs will be rescheduled without penalty in the event of school closings.

For additional information and scheduling, please call 914-377-1900



Beczak Environmental Education Center was named after Joe Beczak, a Yonkers native and Hudson River enthusiast. Our mission is to educate people about the ecology, culture and history of the Hudson River by providing interactive educational experiences focused on the river. We do this so that everyone we reach can become better stewards of the Hudson and better citizens of their community.