

ABOUT OUR PROGRAMS

- Each program welcomes up to **25 participants**.
- Programs normally last **45 minutes**; fully attended programs may last one hour.
- Most programs bring out **items, artifacts, or live animals** from our collection and include a take-home project.
- Parents are strongly encouraged to stay for programs for ages 3-5.

Pricing	Mon-Thurs	Friday	Sat & Sun
1 program	\$220 each	\$230 each	\$245 each
2 of the same programs in one day	\$190 each	\$210 each	\$230 each
4 programs on 2 days (2 of the same programs on 1 day)	\$180 each	\$195 each	\$210 each

New for 2014 Are you more than 15 miles away? We've come up with simple mileage tiers to find out what the travel charge is. Please visit us online for the listing, or give us a ring!



SEA | REFLECT EXPLORE | PROTECT

our programs

We use innovative, creative, and hands-on programs modeled on science inquiry to connect children with the history, art, science, conservation, culture of our oceans and maritime heritage.

In 2013, our outreach programs reached a record **3600 individuals** all over the Island!



our mission

Our mission is to explore the ever-changing relationship between humans and whales through inquiry-based education and interpretation of artifacts that emphasize the cultural, scientific and environmental significance of Long Island and the Sea.



BOOKINGS

- Programs are booked on available **mornings, afternoons, and evenings**.
- A close **sink** is appreciated, but not always necessary. Available pages are helpful.
- Please have your **tables lined**.
- Patrons attending programs which mention the use of **food** should be advised allergens may be present. Some programs which do not explicitly mention food may use some food products in demonstrations.
- We generally ask for an area where **we can sit together as a group** (clear floor space is great), and **5 separate tables** on the other side of the room for our crafts and activities. An instructor's table is helpful.

We can't wait to visit you!

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Katie Kelly, Business Manager

Feedback & Suggestions:

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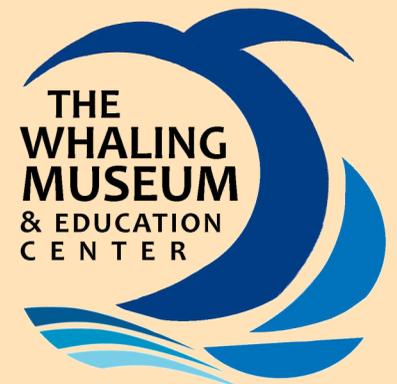


Only 6% of museums are accredited, the highest national standard for best practices.

We're one of them!

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& EDUCATION CENTER OF COLD SPRING HARBOR
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COLD SPRING HARBOR
SEA | REFLECT | EXPLORE | PROTECT

Summer 2014 Library Museum-to-You Programs



Programs that educate,
engage, and inspire!

SUMMER PROGRAMS

P = Preschool
E = Elementary, Grades 1-6
T = Tweens & Teens

Activities in a given program are adapted to specialized age groups. They're all fun!

Yes, we do adult programs too!
Check our website for our listing!

CHEMISTRY

FIZZALICIOUS FOUNTAINS P | E | T

Why do things fizz and foam? Discover how foam is produced in nature and stand back as you create the most amazing fizzy reaction - foamy, giant Elephant Toothpaste! Mix up your own fizzy soda concoction.

SALTY MINEROLOGY E

Not only is the ocean salty, but so is the inside of your body! Find out why as you try out fun salt experiments, meet a salt-loving animal, and create cool salt art.

OH ME, OH MY, OIL E

Explore the science of oil. See a jar of whale oil and touch a whale oil lamp, then get messy with oily experiments and tests. Create oily "stained glass" art.

IT'S DNA! E 4th Grade & ↑ | T

Did you know dolphins and humans share genetic similarities? Roll up your sleeves as you extract real DNA, *Gr 1-6*: Assemble an edible DNA helix to munch on.

Teens: Knot a beautiful helix-inspired wristband.

FIZZ, GOOP, AND BUBBLE P | E

Stick your hands into some goopy, slippery, fizzy science experiments in this science crash course! Blow mountains of bubbles, learn about stretchy polymers, and create a classic batch of goop. Warning: Hands will get dirty.

TEEN ART

OP ART AND PRISMS T

How did sailors light the night on journeys? Use a sailor's deck prism for inspiration to learn how light refracts - and fools your eyes! Design prism-inspired Optical Art.

ELEMENTAL ART T

Get inspired by metallic elements and use metal foils to create modern artwork. Use repoussé and chasing techniques to create a textured metal box for keepsakes.

MARBLED PAPER SCIENCE T

Mix up gorgeous batches of handcrafted marbled papers in a suspension of ocean colors inspired by Japanese art prints. No two are ever alike! *Sink in room required.*

SOLAR SYSTEM NECKLACE T

In honor of how sailors used the stars for navigation, use beads and wire to create beautiful jewelry representing the planets in the solar system.



PHYSICAL SCIENCE

SAIL WITH THE WIND E

Learn how wind is used for green energy and how boats "sail with the wind." Touch nautical artifacts, try air experiments, learn about sail shapes by testing your own sail designs, and create your own sailboat model.

BUBBLEOLOGY P | E

Create oodles of colorful bubbles and blow a crazy bubble snake. Which soap makes the best bubble? Can you bounce a bubble? Can you make art with bubbles? Do whales use bubbles? Dive into our soapy bubble stations and find out!



IT BOUNCES! WORKSHOP E

Try out the power of amazing polymer molecules. Find a secret clue in baby diapers (it's cool!) and mix up a solution to create your own colorful bouncy ball from scratch.

WATER WONDERS E

Did you know most of our planet is water? Be a hydrologist and try fun, sticky, and even colorful water and liquid experiments, including testing for acids and bases. Finish off by decorating a reusable summer water bottle.

SOUNDWAVE IDOL P | E



Explore the amazing science of sound and vibrations. Meet a hissing roach, touch a whale earbone, tap a tuning fork, and conduct hands-on experiments with sound waves and create a musical instrument.

CRAZY CATAPULTS! E

Thar she blows! Learn the principles behind how cannons on ships and harbors worked. Understand how force and motion operate in simple machines, and construct your own tabletop mini-marshmallow launcher.

WACKY WEATHER E

Budding meteorologists can discover weather phenomena, from rainbows to tornadoes through hands-on experiments. Learn about the role that our waterways play, touch museum artifacts and create a UV detector.

THE SCIENCE OF TOYS E

Find out about toy designs through the ages and figure out the science behind some of their motions and designs. Try historic toys, spin a buzzsaw, and create a bouncy ball.

NATURE

BEAUTIFUL BONES! E

Calling all brave excavators! Touch bones from different animals, including whale bones, and get ready to unearth a real skeleton out of an owl pellet, the remainder of an owl's meal. Keep your boney findings!

MARINE BIOLOGIST WORKSHOP P | E

Touch a dolphin jaw, identify cool whale bones, and have fun with hands-on science experiments that explore how sea creatures live in their watery worlds.

Preschool: Create your own dolphin friend to take home.

Gr 1-6: Carve your own beautiful scrimshaw keepsake.

STING, POISON, & SHOCK E

Explore the extreme methods creatures use for predation or defense, from the shocks of the electric eel to the sting of the ray. Create a jellyfish in a bottle and don't go home without hagfish slime!

TERRIFIC TEETH P | E

Touch and identify an assortment of teeth, from whales to sharks to rays. See scrimshaw carved out of teeth, and carve your own scrimshaw box to take home to keep your baby teeth in. (*Scrimshaw-free adapted craft for preschoolers*)



MARVELOUS MAMMALS P | E

Mammologists can celebrate all things mammal, including the planet's largest - whales! Understand what makes a mammal a mammal, meet a live furry mammal, and create a wild whale summer craft.

SEAWEED, SLIME, AND SQUISH E

Did you know seaweed is in your toothpaste, ice cream, and pudding? Explore living seaweed species from local Long Island shores, find out its many amazing uses, and mix up a sticky batch of seaweed slime.

CRAZY CRUSTACEANS P | E

Dive into a crabby world! Be an astacologist and discover crustaceans' amazing anatomy and exoskeleton shapes, meet a live crab up close, and design a fun crab craft to take home.

BUDDING ENTOMOLOGISTS P | E



Compare the planet's giants to the smallest creatures! Meet and touch hissing roaches and other leggy but friendly creatures. Then get busy with buggy crafting!

EARTH SCIENCE

BE A PALEONTOLOGIST P | E

Calling budding paleontologists! Touch an assortment of fossils from prehistoric oceans, including trilobites, and find out what it's like to use rocks to study the past. Strap on your goggles and excavate your own real fossil to keep.



CAVE EXPLORERS E

Get ready to enter the dark, mysterious world of caves and caverns, which oceans and rivers carve out of rock. Touch a mineral stalactite, meet a leggy animal that lives in caves, explore hidden crystals, and create your own crystal solution to grow crystals at home.

VOLCANOLOGY! E

Get ready to explore one of the most amazing forces of nature - Volcanoes! Discover how underwater volcanoes create new islands in the ocean, touch rock samples of hardened lava, and stand back as you create your own spewing

HUMAN BODY

THE SCIENCE OF SMELL P | E

Compare your sense of smell to great sniffers in nature. Test out your sniffer with fun experiments. Create fake snot, scratch n' sniff stickers, and of course your own signature perfume scent.

GROSSOLOGY E

Yuck! Study the slimy and downright gross side of science, including the strange side of ocean creatures. Create a batch of snot and fake blood!

TASTES GREAT E

Get the lowdown on your tasty taste buds and see if you can identify different tastes on your tongue. Create your own signature soda flavor!



BUDDING CARDIOLOGISTS E

Did you know a whale's heart is as big as a car? Test your pulse and see how your amazing heart and circulatory system work nonstop in heart-friendly experiments. Create a Sailor's Valentine.