

Traveling Teacher

Have the Aquarium visit your school!

Except where noted, each 45-minute presentation is for groups of up to 28 students and costs \$165 plus additional travel fees. Discounts are given for multiples of the same program held on the same day in the same classroom: \$100 for second program, \$95 for third and \$90 for each additional.

Additional charges may include a "layover fee" for gaps of one hour or more between classes, travel charges, and any parking fees.



Pre-K & Kindergarten

With children under 4, these programs can be conducted as an abbreviated "touch program."

"A House for Hermit Crab"

Students follow along month by month as they listen to this classic book about a year in the life of a young hermit crab. They use their senses and sharpen observational and verbal skills as they share what they notice and ask questions. They handle some live animals from the story and look for similarities and differences in various crabs, including an invasive species.

Living vs. Non-Living

Through a guided discussion, students share their observations about the characteristics of living and once-living organisms, as well as non-living things. They compare and contrast two live animals of the same grouping, such as two live crabs. There is ample opportunity to touch live intertidal animals and non-living artifacts.

Sea Turtles

After hearing a story about the life cycle of a loggerhead sea turtle, children play a counting game that teaches about the needs of turtles and demonstrates how few survive from hatchling to adult. They learn about predators and other hazards to sea turtles and discuss ways they can help protect these ancient creatures.

Sharks!

For ages 4 and up only. Members of the same group of animals can look and behave very differently. For example, herring and sharks are both fish, but there are distinct differences in their size, color and habits. Activities include touching shark teeth, measuring themselves against a life-sized shark puzzle they assemble, and weighing out the amount of food fed to the Aquarium's resident sharks.

Whales

For ages 4 and up only. The entanglement of marine mammals is addressed in a story based on a real rescue of a whale from a fishing net. Activities help students learn about the basic forms and functions of whales, their needs for survival and the problems of marine debris.

Grades 1 & 2

Intertidal Animals

By observing and touching a variety of live intertidal animals, students learn about these creatures' different structures and behaviors. Activities focus on how these animals meet their basic needs for oxygen, food, water, shelter and space.

Sea Turtle Life Cycle

After hearing a story about the life cycle of a loggerhead sea turtle, students play a counting game that teaches about the needs of turtles and demonstrates how few survive from hatchling to adult. They learn about predators and other hazards to sea turtles and discuss ways they can help protect these ancient creatures. Students look for special structures and behaviors of turtles that help turtles meet their basic needs.

The Tooth About Sharks

Do all sharks swim fast? Are all sharks the terrifying predators we know from movies? Do they eat a lot? How are sharks different from other fish? Get the answers as students touch shark teeth, measure themselves against a life-sized shark puzzle they assemble, learn about conservation issues and weigh out the amount of food fed to the Aquarium's resident sharks.

Whales and Dolphins

Is a dolphin a whale? How do scientists group whales? How are you like a whale? How are you different? Students observe and describe similarities and differences, measure themselves against a life-sized whale puzzle that they assemble, learn about conservation issues and participate in activities that demonstrate whale and dolphin adaptations. *Makes a good pre- or post-visit addition for second-graders coming to the Aquarium for "Spotlight on Whales." (See page 27 or [click here](#)).*

For more options, see Auditorium Programs on page 40 and After-School Programs on page 41.

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Grades 3 & 4

Life Between the Tides



The intertidal zone is a unique habitat in which organisms have different behavioral and structural adaptations to survive the rising and falling of tides every day. Students will learn about the moon's effect on tides, as they read a tide chart for the day of their visit and discuss how the organisms depend on the living and non-living features of the environment for survival. And they share observations and ask questions as they notice and handle a variety of live intertidal invertebrates.

Sharks and Fish



Animals have structural adaptations for getting food, such as specialized teeth and a keen sense of smell. Students work in teams as they learn about the animals' adaptations and survival strategies, the similarities between sharks and other fish, and conservation issues. Activities include measuring out the amount of food that the Aquarium feeds its sharks. Teams present their findings to the whole group.

Squid



Squid have very unique behavioral and structural adaptations for survival, and they depend on living and non-living components of their environment. Students observe and have opportunities to ask about these adaptations and interactions as they learn dissection skills. They also compare and contrast squid with other mollusks, such as snails and clams.

For more options, see Auditorium Programs on page 40 and After-School Programs on page 41.

Environmental Issues for Grades 3-8

Climate Change

Our local and regional climate can be affected both by the amount of solar energy our area receives and by the body of water we are near. Students will learn about how global warming impacts our climate, wildlife, and everyday living through discussion and experimentation. Human-related causes of global warming will be discussed along with solutions.

Invasive Species



An ecosystem is composed of all populations that are living in a certain space and the physical factors with which they interact. The introduction of non-native plants or animals can have a negative impact on an ecosystem. Students will take part in fun hands-on activities while exploring the environmental impacts of invasive species that can now be found in Long Island Sound. Students will also learn what they can do to prevent further spreading of exotic species.

Water Pollution



Most precipitation that falls in Connecticut eventually reaches Long Island Sound. This water moving across and through the earth carries with it the products of human activities. With Long Island Sound's extensive watershed as the example, discover the impact of humans on aquatic ecosystems. Students will share their observations as they 'pollute' a watershed model, then look for ways to clean it up. Hands-on discovery of basic scientific and ecological concepts.

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Grades 5 & 6

Intertidal Habitat



The intertidal zone is a unique ecosystem in which organisms have different adaptations to sense and respond to information about their environment as the tides rise and fall. Students learn about the moon's effect on tides, as they read a tide chart for the day of their visit and discuss challenges for animals living in the intertidal zone and the physical factors with which they interact. Students share observations and ask questions as they notice and handle a variety of live intertidal invertebrates.

Marine World Magnified



The unseen marine world opens up to students as they learn to use hand lenses and microscopes to observe a variety of live animals. Students compare the structure of the eye to a microscope. They then use books and charts to identify the creatures they have seen. Food chains and human impacts are discussed. **Optional 90-minute program available. Cost: \$265 for first, \$185 for second.**

Squid Anatomy

Through dissection, students explore how squid sense and respond to their environment by examining a squid's unique physical adaptations, including their exceptionally large eyes. Students also compare and contrast squid to other mollusks such as clams and snails.

Environmental Issues for Grades 3-8

Climate Change

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Traveling Teacher (cont'd)

Have the Aquarium visit your school!

For Grades 2 - 6

Auditorium Programs

Dr. LivingSound's® Traveling Science Show!

This lively 45-minute program, for up to 200 students, incorporates drama, surprise and humor to introduce students to Long Island Sound's environment and the issues that concern it. Dr. LivingSound® (a scientist played by a Maritime Aquarium educator) draws students into hands-on demonstrations that teach how science connects to the marine world. Using water as its central topic, "the good doctor" introduces students to the Sound's watershed, explains the water cycle and examines the different ways we use water.



Cost is \$525. Discounts available for multiple presentations on the same day: \$275 each additional presentation. Additional charges may include a "layover fee" for gaps of one hour or more between classes, travel charges, and any parking fees.

Dr. LivingSound's® Goin' Green!

This interactive 45-minute program, for up to 200 students, incorporates drama, surprise and humor to introduce students to climate change and energy conservation. Dr. LivingSound® (a scientist played by a Maritime Aquarium educator) will explore with the students the carbon cycle and its relationship to climate change. Students also will learn how we create and use energy, and how energy conservation can be done right in their own homes.

Cost is \$525. Discounts available for multiple presentations on the same day: \$275 each additional presentation. Additional charges may include a "layover fee" for gaps of one hour or more between classes, travel charges, and any parking fees.

For all grades

Touch Tank for a Day!

A great bonus for Field Days, Science Fairs or Science Nights

We'll set up a supervised touch tank with live tidal-pool creatures. A great hands-on learning-station enhancement to any event!

Cost: \$165 for the first hour, \$100 for each additional hour.

Host a ...

Long Island Sound Day

Let us bring Long Island Sound to you!

We can arrange a day at your school so that all students, or several grades, can experience our unique program.

Our Long Island Sound Day includes an initial indoor assembly program (for up to 200) with a PowerPoint presentation, then in one-hour blocks students can rotate through a variety of stations that includes our live tide pool animals. Other stations could include topics on whales, sharks or invasive species.

Cost: \$300 for initial assembly/set-up, \$200 per hour thereafter. This rate includes two educators necessary for a successful Long Island Sound Day. Travel charges may also apply. For more information, call (203) 852-0700, ext. 2271.

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Traveling Teacher (cont'd)

Have the Aquarium visit your school!

After-School Programs

Learning, fun and inspiration don't have to stop when the bell sounds for dismissal.

The Maritime Aquarium's staff of educators will work with you to design a customized after-school program that will both entertain your students and supplement their school day learning. And the programs take place right at your school!

Whether you take advantage of a single program or multiple sessions, The Maritime Aquarium's educators will work with you to provide your students with programs that are both educational and enriching.

Consider these programs, or combine two or more programs. Call (203) 852-0700, ext. 2271, to work out the details, including pricing.

The following series are offered singly or in combination for months of enrichment and fun.

Grades K - 2

Ocean Explorers 1

This four-week program engages students in learning about Long Island Sound with hands on experiences. Students will investigate crabs, mollusks, turtles and seals.

Ocean Explorers 2

This four-week program engages students in hand-on experiences learning about the following topics: sharks, whales, pollution and a shell-sorting activity with live animals from Long Island Sound.

Grades 3 - 8

(activities are adjusted to be group-appropriate)

Animal Adaptation Package

This four-week series of programs introduces students to animals and plants of Long Island Sound. Topics include squid dissection, sharks and fish, intertidal animals and microscope use.

Environmental Issues Package

This multi-week series focuses on some of the different environmental issues in the world today. Topics include global warming and currents, invasive species, water pollution, and turtles.

Global Warming Series

This is a series of programs that can be taught over a period of six weeks. Main topics include: Climate and weather: what's the difference? What causes climate change? How do we know? How will it affect us? What can we do about it?

Schoolyard Science

This multiweek series of programs utilize your schoolyard as a classroom. Students investigate what plants and animals live there and investigate the human impact on that environment.

Seashore Biodiversity Package

Is your school within driving distance of a beach to include a 45-minute after-school beach exploration? This multi-week series focuses on Long Island Sound and introduces students to the scientific method, the collection of data, data analysis and a field trip to a local beach to collect data on seashore life. This series is tide-dependent. School must provide student transportation to the beach. Cost depends on specific program design.

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