

## ALL PROGRAMS

- Connect to Ohio Learning Standards for the indicated grade levels
- Include a tour of exhibits, guided by Aquarium staff
- Have age and group size restrictions
- Include Aquarium admission. Chaperoned groups are welcome to spend time self-touring after the program. Lunch space available upon request (not included in program time).
- Offered between September and May (June through August we offer Aquatic Trek only)
- Require booking at least 2 weeks in advance. *Please note, spring programs typically sell out by the end of February.*

## PRICING BASICS

- Pricing per student is listed for each program
- 1 teacher/chaperone is required, and admitted free, with every 10 students
- For groups with special needs, 1 teacher/chaperone is required, and admitted free, with every 5 students. For groups with special needs, medically required caregivers are admitted at a reduced rate.
- Group rates for additional chaperones are only available when included in the group payment transaction. Rates for individuals paying separately from the group will differ.

## ADDITIONAL RESOURCES

### Online Education Materials

We offer teacher guides with pre- and post-activities for extended learning in the classroom. Discover more by visiting [greaterclevelandaquarium.com/educate/teacher-resources](http://greaterclevelandaquarium.com/educate/teacher-resources)

### Educator Open Houses

Come see what we have to offer at an after-hours event for educators. Invitations sent closer to the dates below.

- October 4, 2018
- May 8, 2019

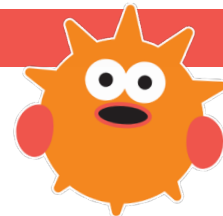
## MAKE A RESERVATION

### PHONE

216.862.8803 x 7715

### EMAIL

[education@greaterclevelandaquarium.com](mailto:education@greaterclevelandaquarium.com)



## PARTNERS IN EDUCATION

Schools with demonstrated need can apply for funding assistance. Please email [education@greaterclevelandaquarium.com](mailto:education@greaterclevelandaquarium.com) for an application. These opportunities are made possible by:



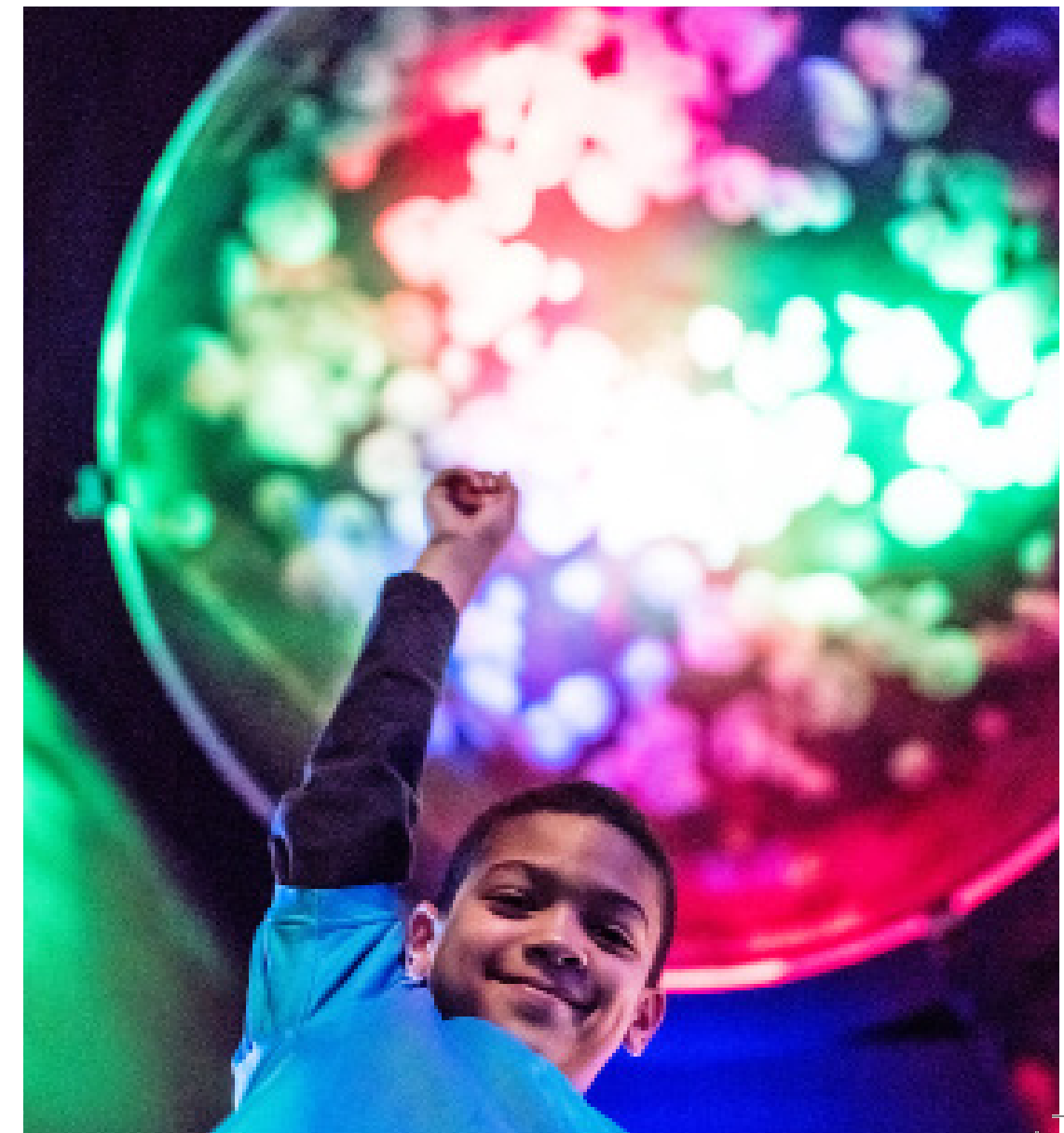
2000 Sycamore Street  
Cleveland, OH 44113



## 2018-19 Education Programs

# NATURE

It's a **curious** thing.







## POPULAR FOR ALL SCHOOL AGES

### Aquatic Trek LS SI

Explore the world's lakes, rivers and oceans without getting your feet wet. See seahorses, corals, eels, sharks, catfish, turtles, piranha and hundreds of other aquatic animals. Touch stingrays and marine invertebrates in our coastal boardwalk gallery, watch sharks swim overhead in our 175-foot-long seatube and view jellies in our building's historic smokestack. Biodiversity scavenger hunt available. **[75 min]**

**Price:** \$8.95 per student, \$14.95 per additional pre-reserved adult

## PRESCHOOL - KINDERGARTEN

### I See Sea Creatures LS SI LA

After hearing author Eric Carle's *A House for Hermit Crab*, an Aquarium tour reveals the real-life animals that inspired the tale's characters. You even have the opportunity to touch real invertebrates like urchins, snails and sea stars. **[90 min]**

**Price:** \$7.95 per student, \$14.95 per additional pre-reserved adult

### Turtle & Tortoise\* LS SI

Meet turtles and tortoises from around the globe and discover what makes them unique. Touch the shells of a turtle and a tortoise during a live animal encounter exclusively for your class. Listen to a tortoise tale and create a tortoise craft to take home. **[60 min]**

**Price:** \$8.95 per student, \$14.95 per additional pre-reserved adult

*\*Does not include tour of saltwater exhibits.*

## KINDERGARTEN - GRADE 2

### Basic Training - Habitats & Needs LS SI

Find out what different animals need to survive on this aquarium adventure. Investigate both freshwater and saltwater to discover how habitats provide animals with the food, water, shelter and oxygen they need. Compare Lake Erie to the Atlantic Ocean and identify key living and non-living factors in these unique aquatic habitats. **[90 min]**

**Price:** \$8.95 per student, \$14.95 per additional pre-reserved adult

### CSI – Creature Science Investigators LS SI

Investigate how living things have adaptations to help them get oxygen, find food, use water and seek shelter. Discover why fish have whiskers, sharks and eels have sharp teeth, seahorses camouflage and turtles have shells. Learn which animals breathe with lungs and which breathe with gills, and observe hundreds of amazing animal adaptations on a scavenger hunt through aquatic habitats. **[90 min]**

**Price:** \$8.95 per student, \$14.95 per additional pre-reserved adult

## GRADES 3 - 5

### Aquatic Food Chains LS SI

Why do catfish have whiskers? Do sharks and stingrays have similar teeth? How can an octopus escape a predator? Find out how adaptations help prey survive and predators catch their meal. Examine what and how herbivores, carnivores and omnivores eat and how producers provide food. Discover how humans fit into the food chain too! **[90 min]**

**Price:** \$8.95 per student, \$14.95 per additional pre-reserved adult

### Sharks! 1.0 LS SI

Investigate one of the ocean's top predators and discover what adaptations help them survive. Learn how shark scientists from the Ocearch research group tag and track sharks in the wild. Compare shark teeth to other fish and examine how teeth are specialized for different foods. Consider the important role sharks play in the ocean's food chain and learn how these animals should be revered, not feared. **[90 min]**

**Price:** \$8.95 per student, \$14.95 per additional pre-reserved adult

### Aquatic Animal Adaptations LS SI LA

Investigate how differences in aquatic environments affect animal life and identify unique adaptations that allow fish to thrive in different habitats. Discover how eels hide, sharks swim constantly, and catfish find food in murky water. Take notes in a student research notebook along the way. (Optional: Work in teams and build a fish to live in a specific habitat using the STEM model.)

With the build-a-fish option **[2.5 hr]**

**Price:** \$9.95 per student, \$14.95 per additional pre-reserved adult

Without the build-a-fish option **[90 min]**

**Price:** \$8.95 per student, \$14.95 per additional pre-reserved adult



### Rivers & Lakes\*\* LS SI SS

Explore the Cuyahoga River as a water quality scientist. Learn how the river changed over time and how people use the river today. Make observations about the river's color and smell, look for wildlife and help determine if the river is healthy or polluted. Most importantly, discover how people can help make our river better for the future. **[90 min]**

**Price:** \$9.95, per student \$14.95 per additional pre-reserved adult

*\*\*Parts of this program take place outside; please dress for the weather.*



**OHIO STANDARDS**

<b>LS</b> Life Science	<b>SI</b> Science Inquiry	<b>SS</b> Social Studies	<b>M</b> Math	<b>LA</b> Language Arts	<b>ES</b> Environmental Science	<b>B</b> Biology	<b>C</b> Chemistry	 Available for Groups of 50+
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## GRADES 6 - 8

### Sharks! 2.0 LS SI

Become a shark-savvy scientist by investigating the sharks and rays in our gallery and around the globe. Discover how sharks play a critical role in the ecosystem, how sharks differ from other fish and how sharks use unique adaptations like specialized teeth and electroreception to survive. Find out how you and others can help with shark conservation. **[90 min]**

**Price:** \$8.95 per student, \$14.95 per additional pre-reserved adult

### Ecosystem Expedition LS SI SS

From the Great Lakes to the Atlantic coral reefs, the earth is full of diverse aquatic ecosystems. Collect data on biotic and abiotic factors like water temperature, salinity, plant life and aquatic animals, while observing how these components interact. Discover how aquatic animals have adapted to survive in different habitats around the world. **[90 min]**

**Price:** \$8.95 per student, \$14.95 per additional pre-reserved adult

### River Explorers\*\* LS SI SS M

Explore the connection between Cleveland's industrial history and the water quality of the Cuyahoga River. During a water quality lab, test the river for dissolved oxygen, pH, phosphorous, nitrogen and turbidity. Investigate pollution sources like farm and urban runoff before proposing a plan to further improve our river's health. **[2 hr]**

**Price:** \$9.95 per student, \$14.95 per additional pre-reserved adult

*\*\*Parts of this program take place outside; please dress for the weather.*



### What's Inside a Squid? LS SI

Take an Aquarium tour to classify marine invertebrates according to body symmetry, ecological niches and other external characteristics. Then, dissect a squid to identify its organ structure and function, and learn how these organs, tissues and cells help the squid to survive in its habitat. **[90 min]**

**Price:** \$10.95 per student, \$14.95 per additional pre-reserved adult

## HIGH SCHOOL, A.P. & COLLEGE

### Water Quality Scientists\*\* SI SS M ES B

Explore the connection between Cleveland's industrial past and the water quality of the Cuyahoga River. Complete a water quality lab to determine turbidity, pH, dissolved oxygen, phosphate and nitrate levels. Analyze your data using graphs and compare your data to historic water quality trends. Tour the Aquarium's galleries for a closer look at native aquatic species and discover why conservation of local water is so important. **[2 hr]**

**Price:** \$9.95 per student, \$14.95 per additional pre-reserved adult

*\*\*Parts of this program take place outside; please dress for the weather.*



### Marine Science Tour\*\*\* SI ES B C

Take an in-depth, guided tour of our exhibits to investigate the biodiversity of aquatic life. Then, meet the Aquarium curation team behind-the-scenes to learn what it takes to keep our animals thriving. Learn about the exhibit filtration systems and the challenges and rewards of caring for aquatic life. Discover how science, math and engineering all play a part in aquarium operation. **[90 min]**

**Price:** \$20 per student, \$20 per additional pre-reserved adult

*\*\*\*Close-toed shoes are required in all behind-the-scenes areas.*