

# Grades K-2

All of these programs are STEM-focused and allow students to ignite their curiosity of the ocean ecosystem all around us by interacting hands-on with our animals.

We travel to you! Pricing can be found on our website.

## Sharks, Skates, & Rays

🕒 45 minutes

Students will be thrilled by this engaging class that showcases the external features and structures of sharks, skates, and rays. We'll talk about the myth of sharks as man eating monsters and show students they don't need to be scared.

Everyone will get the exciting opportunity to touch a shark and a skate!

RI GSEs: LS1, LS2  
NGSS: LS1, ESS3

## Secrets of Survival

🕒 45 minutes

This interactive class is all about the many creative ways animals avoid being eaten. Protective behaviors such as camouflage, schooling & habitat selection are discussed in depth, as well as protective tools like claws, shells & exoskeletons. Students will learn that animals use the same defenses in various ways, helping them sort animals based on similar and different features.

RI GSEs: LS1, LS2  
NGSS: LS1, LS4

## RI Beachcombers

🕒 45 minutes

What is alive? What is not? We explore those questions with items commonly found on RI's beaches, as well as the live animals who created them. We bring dry samples of many artifacts from RI beaches, such as quahog shells, spider crab exoskeletons, and skate eggs. Then, we will compare them with live animals.

RI GSEs: LS1, LS2  
NGSS: LS1, LS4, ESS3

## Traveling Tidepool

🕒 2+ hours

Is your class the curious, explorative, energetic type? Then this is the program for them! We set up our tidepool bins containing animals like starfish, sea urchins, whelks, spider crabs, as well as hermit and horseshoe crabs for hands-on exploration of the animals' external features. We also set up a fish tank containing other animals like baby skates, pipefish, and brittle stars. Groups of students can come visit the bins at their own pace and our staff will educate them about the animals and answer questions.

RI GSEs: LS1  
NGSS: LS1

## Aquarium Tank

🕒 2 or 4 weeks

Looking for a longer time with our animals? Then let us set up an aquarium in your classroom! We do all the work so you can focus on the lessons. Each week we will return to introduce a new set of animals. A curriculum guide, food, and instructions will also be provided. This program will enthrall your students, helping them observe and scientifically draw prominent features of animals, as well as care for them, observing what they need to thrive in their environment.

RI GSEs: LS1, LS2  
NGSS: LS1, LS4, ESS2, ESS3

## Echinoderms & Mollusks

🕒 45 minutes

This class about slow moving animals is anything but slow! This program will excite students with sea stars and sea snails while teaching them that these amazing animals need water, food, and shelter to survive just as humans do. The animals have unique feeding methods, allowing us to dive into a discussion of basic food webs.

RI GSEs: LS1, LS2  
NGSS: LS1, LS4, ESS2, ESS3

## Crustaceans & Exoskeletons

🕒 45 minutes

What is a crustacean? Why are exoskeletons such a good defense against predators? We'll guide students to the answers to both questions and more with this class that emphasizes the structure and function of crustacean anatomy. Students will touch many common crustaceans including lobsters and hermit crabs, as well as dried molts.

RI GSEs: LS1, LS2  
NGSS: LS1, LS4, ESS3

## Intro to Marine Animals

🕒 45 minutes

Our most popular class offering gives students the exciting opportunity to interact with a variety of animals, including sea stars, clams, spider crabs, and a pufferfish. Students will learn about how these animals move as well as who eats whom in order to construct a simple food web for the tidepool ecosystem that these animals call home.

RI GSEs: LS1, LS2  
NGSS: LS1, ESS3