



1st Grade Stations

| Station (required) | Description | Standards |
|---|---|--|
| Be the Biologist: Field Investigations | Explore our estuary through the eyes of a scientist! While experiencing scientific methods of field work, students will learn about the impact water quality has on this important and fragile ecosystem. | SC.1.N.1.1 Raise questions about the natural world, investigate them in teams through free exploration, and generate appropriate explanations based on those explorations. (DOK 3) SC.1.N.1.4 Ask "how do you know?" in appropriate situations. (DOK 2) SC.1.L.14.1 Make observations of living things and their environment using the five senses. (DOK 1) |
| Marine Biodiversity | What's that?! In addition to meeting our animal ambassadors, this station offers students a peek into an entirely different world - what's in the sea that we cannot see! | SC.1.N.1.1 Raise questions about the natural world, investigate them in teams through free exploration, and generate appropriate explanations based on those explorations. (DOK 3) SC.1.L.14.1 Make observations of living things and their environment using the five senses. (DOK 1) SC.1.L.17.1 Through observation, recognize that all plants and animals, including humans, need the basic necessities of air, water, food, and space. (DOK 1) |
| Station (teacher selects 2) | Description | Standards |
| Sea Turtle Vets | Be a sea turtle vet in this interactive, hands-on simulation! Learn all about sea turtles and diagnose a "patient" to help them get back to the big blue where they belong. | SC.1.N.1.1 Raise questions about the natural world, investigate them in teams through free exploration, and generate appropriate explanations based on those explorations. (DOK 3) SC.1.N.1.4 Ask "how do you know?" in appropriate situations. (DOK 2) |
| Marine Mammals: Manatee Interview | We're hosting a "manatee" guest for a Q & A session! In this fun, engaging interaction, learn all about manatees and how they roll, in addition to other kinds of marine mammals. | SC.1.L.17.1 Through observation, recognize that all plants and animals, including humans, need the basic necessities of air, water, food, and space. (DOK 1) |
| Animal Adaptations: Dress Up | What better way to learn about ocean animals that to BE one?! Our costumes and puppets make for loads of fun as your students model different ocean animals while learning about their adaptations. | SC.1.L.17.1 Through observation, recognize that all plants and animals, including humans, need the basic necessities of air, water, food, and space. (DOK 1) |
| Animal Rescue Relays | Ocean animals need your help! This high-energy relay race challenges participants to recycle, dispose of monofilament fishing line, and save ocean animals like sea turtles and dolphins! The importance of proper trash disposal and recycling is also highlighted. | SC.1.L.17.1 Through observation, recognize that all plants and animals, including humans, need the basic necessities of air, water, food, and space. (DOK 1) SC.K2.CS-CS.1.1 Define simulation and identify the concepts illustrated by a simple simulation (e.g., growth, human health, and the butterfly life cycle). SC.K2.CS-CS.2.2 Solve age-appropriate problems (e.g., puzzles and logical thinking programs) with or without technology (i.e., computational thinking). |
| Marine Debris: Pollution | Students investigate inside the (model) stomach of 8 different marine animals. The stomachs are full of trash: plastic bags, bottles, soda cups, straws, cutlery, balloons, caps and all the other plastic junk that animals tend to eat. Following the investigation, students will participate in an interactive discussion about the effects of marine debris and what they can do to #bethesealution. | SC.1.N.1.1 Raise questions about the natural world, investigate them in teams through free exploration, and generate appropriate explanations based on those explorations. (DOK 3) SC.1.N.1.4 Ask "how do you know?" in appropriate situations. (DOK 2) |
| Lionfish Invasion | Lionfish have invaded our waters, and they're taking over! In a series of interactive activities that demonstrate why the lionfish invasion is bad news, this very important and close-to-home issue will come alive for your students! | SC.1.N.1.4 Ask "how do you know?" in appropriate situations. (DOK 2) SC.K2.CS-CS.1.3 Describe how models represent a real-life system (e.g., globe or map). |