

Grades K-2: Distance Learning Lab Guide

*Student Guardians- On the Distance Learning Lab webpage there are videos and corresponding activities to do with your students. You can also discuss the review questions below. Some activities require a printer or craft supplies, if you don't have those simply watch the videos instead. There is an answer key document on the Distance Learning Lab page.

Clean Water section:

- Watch: "Soak-Spread-Slow Stormwater Song" and "Freddy the Fish Teaches About Stormwater" videos.
 - What are some ways that rain water can become dirty before it enters a creek, river, or the ocean?

 - How can we help keep the water clean?

- Do: "Slowing Down Stormwater Activity Sheet".
 - Help your students time how long it takes for them to complete the 3 mazes on the worksheet.
 - Have students pour some water along the side of the sink and watch how quickly it moves to the drain. This would be like the maze with only the road. Next, have students help you pour some water onto a sponge, and explain that this is like the maze with all of the plants, the rain garden! The plants help to soak up the rain water like a sponge and keep it from riding on the road and other hard surfaces where it can become dirty water and enter the river, sound, or ocean.

Coastal Exploration & Investigations section:

- Watch: "Lady Swan Boat Tour"
 - If you were on a boat ride, what types of animals do you think you might see?

 - What different colors did you see on the boat ride?

 - Draw a picture of what you might see on a boat ride out to an island.

- Watch: Hammocks Beach State Park videos
 - “Frogs and Toads”, “Seashells”, “Sea Turtles”
 - What is something new you learned about the animals that live on our coast?
 - Why is it important to take care of these animals and their homes?
 - *For additional videos, check out the Hammocks Beach State Park Facebook page. They are posting nature videos and crafts weekly!
- Watch & Do: “Pelican Pete Story Time” & “Pelican Pete Craft”
 - What was Pete’s favorite food?
 - What was it called when Pete cleaned his feathers?
 - Do: The Pelican Pete Craft
 - Name your pelican!

Oysters section:

- Watch: “Oyster Display at Down East Earth Day”
 - What other animals were in the oyster tanks?
 - What was different about the tank with the oysters vs. the one without oysters?
- Watch & Do: “Oyster Story Time” and craft
 - How did Chester and Meredith oysters help save the water?
 - Were the grasses sick at the end of the story?
 - What were some other animals in the story?

Estuaries and Living Shorelines section:

- Optional: Print “Salt Marsh Data Sheet” and have students circle any animals or plants they see while watching the videos below.
- Watch: “Waters of Life” and “Aqua Kids visit the Rachel Carson Reserve”
 - What are some animals found in an estuary?
- Watch: “Living Shoreline Life”
 - What kinds of animals can live in a living shoreline?
 - What did the spider crab do to help it blend in or *camouflage* with its surroundings (what did it do to help it look more like the nature around it)?
- Do: “Living Shoreline Coloring Page”
- Do: “NC Coastal Reserve Estuary Coloring Book”

Marine Debris section:

- Watch: “Boys & Girls Club Public Service Announcement”
 - What are some ways we can help keep the water and beach clean?
- Optional: Walk around your yard to collect and throw away any trash you may see. Download and use the Marine Debris Tracker App to record data on your findings. Be sure to practice safe social distancing and stay at least 6 feet away from others. Use the “Marine Quest- Turtle Trash Collectors” program to submit photos of trash you find for badges.