



Loving the Lagoon

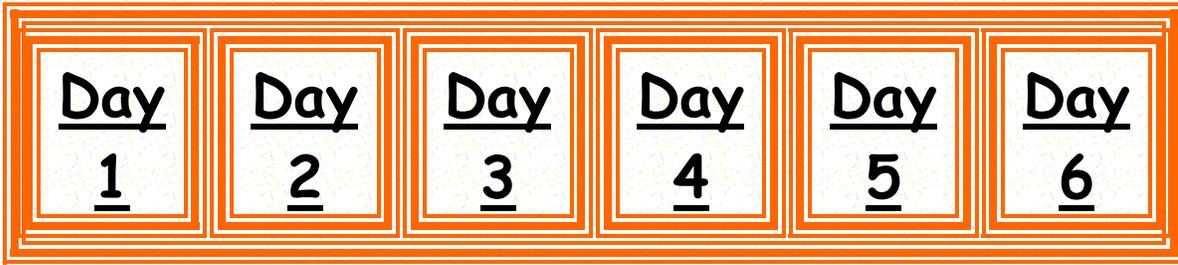


Have you ever wondered about the Indian River Lagoon?
What types of plants and animals live there?
What was it like a long time ago?

The Indian River Lagoon is one of the world's most unique estuaries! There are plants and animals that live there that don't live anywhere else in the world! Have you ever thought what would happen to the Indian River Lagoon if we don't take care of it?



We will learn about the Indian River Lagoon and what we can do to protect it. We will also learn about the different plants and animals that make their home there, how pollution can damage the environment, and a little history behind the Treasure Coast.



Be sure to click the back button after each activity to return to your lesson.

Day 1:

What is an estuary?

An **estuary** is a body of water that is made up of both fresh and salt water. Estuaries are usually shallow bodies of water that are richer than most farm land. The Indian River Lagoon is really an **estuary**.

What types of animals live in an estuary?

There are many different kinds of animals that live in an estuary. Over 60 different varieties of fish have been got at one time in the IRL; more than any other place in the world! Pinfish, flounder, snook, lobster, jellyfish, and more a just a sample of what you might find when seining, or using a net, to catch and study fish in the lagoon.



flounder

What are some of the animals and plants found in the IRL?

☆ Let's watch a video about manatees.



☆ Let's read a story about "Politically Correct Seacows".

☆ We will do the next activity at our desk. Think about all that you have learned from the videos and on-line story that you read. Beginning taking Cornell notes on what you have learned

and write it in your "Loving the Lagoon" journal. Make sure that each page has the date, heading, and brief reference to where you got your information.

Day 2:

Where did Ft. Pierce and the Treasure Coast get their names?

There is a lot of history along the "Treasure Coast." Today you are going to learn where Ft. Pierce got its name and why this area is called the Treasure Coast. You are also going to learn about the different types of people who have called this area their home.

☆ Let's look at the history of the Treasure Coast.

[Inside Story](#)

[History](#)

[Activities and Games](#)

Did you know that the Ais Indians and the Spanish lived here first?

Not much is known about the Ais Indians but they supposedly were as tall as 7 feet! The Spanish also made parts of Florida their home and at one time own the entire state. Let's find out more about them and what happened. <http://www.rootsweb.com/~flindian/ais.htm>

☆ Let's read about the [Ais Indians](#).

☆ Let's read and learn about the [Treasure Coast](#).

☆ We will do the next activity at our desk. Today you are going to update your notes and document what types of pictures you would like to include on your Power Point slide dealing with the history of the Treasure Coast. Begin work on your South Florida Management information that you received.



Day 3:

How does water pollution affect the Indian River Lagoon?

Water pollution is very harmful to the Indian River Lagoon. Today you are going to learn just how important it is to conserve, protect, and be aware of the damages water pollution can cause.

What is water pollution?

Water pollution is any contaminant, or pollute, that can harm any type of water source.

- ☆ Let's watch a video about [water pollution](#).
- ☆ Take the video [quiz](#) to see how much you remember.

Can you prevent water pollution?

Yes, you can!

Turn off the water, be careful if you fertilize your yard, don't dump oils and other harmful chemicals onto the ground, and recycle. Think of other ways you can help stop water pollution.

- ☆ See if you can find out what Law went into affect to help prevent water pollution. What is the name of this [law](#)?
- ☆ See if you can find [five things](#) that cause water pollution.
- ☆ Click on the coloring book in [Auntie Pollutions](#) and learn about protecting the environment from pollution.
- ☆ Play the [Pollution Activities](#) game.

- ☆ We will do the next activity at our desk. What causes water pollution and how can people solve this problem? To find out, create a pollution game for your peers to play.
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Day 4:

A visit to some of the Museums.

- ☆ Let's watch a video to learn about museums and learn about why they are important.

- ☆ Let's read "The Dolphin and the Shark".



- ☆ We will do the next activity at our desk. Work on your notes and begin to design slides for your field trip. Think about the interesting things you have learned about. What would you like to share with others? Include this information on your field trip slide; remember to document where you got your information for later reference.
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Day 5:

How can you keep your teeth safe?

- ☆ Let's visit our local Historical Museum.

- ☆ Read the Indian River Keepers and what they are doing to help the Indian River Lagoon.

- ☆ We will do the next activity at our desk. We will be interviewing a member from the Indian River Keepers. Listen to what our presenter has to say, take notes, and write down any questions you might have.

Day 6:

What have we learned?



- ☆ Click on the picture of the manatee to learn more about these amazing creatures.
- ☆ Take a look closer look at the [Indian River Lagoon](#).
- ☆ Read a story about [a manatee](#).
- ☆ Finish your activity book that you got from the South Florida Water Management District.

What have I learned?

Take the tour of "Loving the Lagoon." Now it is time to put together your own Virtual Field Trip from the notes, pictures, and other information that you have gathered. Be creative.

Link to: [Design Grid](#).

Link to: [Workshop Assignments, Rubric, and Reference](#)