3rd Grade Coastal Center Experience

Sunshine State Standards

SC.3.L.17.2   Recognize that plants use energy from the Sun, air, and water to make their own food

SC.3.L.15.1   Classify animals into major groups (mammals, birds, reptiles, amphibians, fish, arthropods, vertebrates and invertebrates, those having live births and those which lay eggs) according to their physical characteristics and behaviors.

SC.3.E.6.1   Demonstrate that radiant energy from the Sun can heat objects and when the Sun is not present, heat may be lost.

SC.3.N.1.1   Raise questions about the natural world, investigate them individually and in teams through free exploration and systematic investigations, and generate appropriate explanations based on those explorations.

SC.3.N.1.3   Keep records as appropriate, such as pictorial, written, or simple charts and graphs, of investigations conducted.

SC.3.N.1.4   Recognize the importance of communication among scientists.

SC.3.N.1.5   Recognize that scientists question, discuss, and check each other's evidence and explanations.

SC.3.N.1.6   Infer based on observation.

SC.3.N.3.2   Recognize that scientists use models to help understand and explain how things work.

Ray Touch Tank Program
An interactive opportunity for students to explore and investigate questions and answers.

Objectives:
Students should be able to
- List the characteristics of a fish.
- Describe behaviors of a stingray.
- Explain why scientists need to communicate.
- Demonstrate the ability to investigate questions, explore possible answers, and generate explanations.

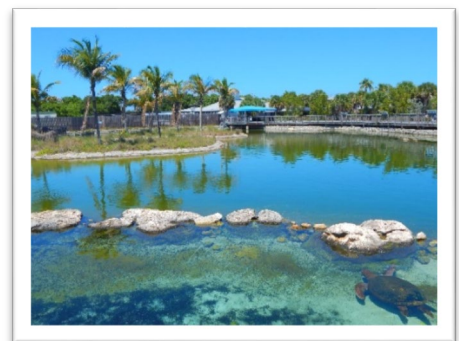**Standards**   SC.3.L.15.1, SC.3.N.1.1, SC.3.N.1.4, SC.3.N.1.6

Sea Turtle Program
An entertaining lesson that utilizes various models, biological artifacts, and features our 4 rescued sea turtles.

Objectives:
Students should be able to
- Define what a model is.
- List reasons why a model would be used.
- Explain how FOS uses models to teach about sea turtles.
- Recognize sea turtle adaptations based on their observations.

Standards   SC.3.N.1.6, SC.3.N.3.2

Invertebrate Touch Tank Program

A hands-on experience to emphasize the classification of animals and the ability to observe and answer questions.

Objectives:

Students should be able to

- o   Define the term invertebrate.
- o   Explain several ways we can classify animals.
- o   Describe the characteristics and adaptations of invertebrates at FOS.
- o   Classify the invertebrates in the touch tank at FOS.

Standards   SC.3.L.15.1, SC.3.N.1.1, SC.3.N.1.6

Exhibit Hall Program

A fun scavenger hunt allows students to practice record keeping while classifying animals displayed at FOS.

Objectives:

Students should be able to:

- o   Define the term vertebrate.
- o   Explain why it is necessary to classify animals and communicate these classifications.
- o   Describe the characteristics that can be used to classify animals at FOS.
- o   Provide examples of different vertebrates found at FOS.

Standards   SC.3.L.15.1, SC.3.N.1.3, SC.3.N.1.5, SC.3.N.1.6