# 3rd Grade Coastal Center Experience

**Sunshine State Standards**

<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
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<tbody>
<tr>
<td>SC.3.L.17.2</td>
<td>Recognize that plants use energy from the Sun, air, and water to make their own food</td>
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<tr>
<td>SC.3.L.15.1</td>
<td>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.</td>
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<tr>
<td>SC.3.E.6.1</td>
<td>Demonstrate that radiant energy from the Sun can heat objects and when the Sun is not present, heat may be lost.</td>
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<tr>
<td>SC.3.N.1.1</td>
<td>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.</td>
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<tr>
<td>SC.3.N.1.3</td>
<td>Keep records as appropriate, such as pictorial, written, or simple charts and graphs, of investigations conducted.</td>
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<tr>
<td>SC.3.N.1.4</td>
<td>Recognize the importance of communication among scientists.</td>
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<tr>
<td>SC.3.N.1.5</td>
<td>Recognize that scientists question, discuss, and check each other’s evidence and explanations.</td>
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<tr>
<td>SC.3.N.1.6</td>
<td>Infer based on observation.</td>
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<tr>
<td>SC.3.N.3.2</td>
<td>Recognize that scientists use models to help understand and explain how things work.</td>
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### 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

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### 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