Sunshine State Standards

SC.5.N.1.2 Explain the difference between an experiment and other types of scientific investigation.
SC.5.N.1.3 Recognize and explain the need for repeated experimental trials.
SC.5.N.1.4 Identify a control group and explain its importance in an experiment.
SC.5.N.2.2 Recognize and explain that when scientific investigations are carried out, the evidence produced by those investigations should be replicable by others.
SC.5.L.15.1 Describe how, when the environment changes, differences between individuals allow some plants and animals to survive and reproduce while others die or move to new locations.
SC.5.L.17.1 Compare and contrast adaptations displayed by animals and plants that enable them to survive in different environments such as life cycles variations, animal behaviors and physical characteristics.

Ray Touch Tank Program
An interactive opportunity for students to understand stingray adaptations, the ocean’s role in the water cycle, and the effects of environmental changes on stingrays

Objectives:
Students should be able to:
- Describe how environmental changes effect animals
- Understand adaptations displayed by stingrays

Standards SC.5.L.15.1, SC.5.L.17.1

Sea Turtle/Gamefish Program
An entertaining lesson which explores behaviors, life stages, and food sources for sea turtles in the wild as well as for our 4 resident turtles.

Objectives:
Students should be able to:
- Recognize the role of freshwater, saltwater, and brackish water in south Florida ecosystems
- Recognize how weather-related differences impact environments
- Understand different animal adaptations and how environmental changes affect the waterways

Standards SC.5.L.15.1, SC.5.L.17.1
**Invertebrate Touch Tank Program**

*A hands-on experience to explore the effects of weather and other environmental changes on the habitat and health of invertebrates*

**Objectives:**
Students should be able to:
- Define the term invertebrate
- Understand the effects of environmental changes on invertebrates and their adaptations

**Standards**  SC.5.L.17.1

---

**Ocean EcoCenter- Classroom Program**

*A fun activity that allows students understand experiments and the importance of scientific investigation*

**Objectives:**
Students should be able to:
- Understand and explain the difference between experiments and other scientific investigation
- Explain the importance of repeating trials, of control groups and that experiments should be replicable by other scientist

**Standards**  SC.5.N.1.2, SC.5.N.1.3, SC.5.N.1.4, SC.5.N.2.2