

# ***Field Observation Program***

## **Meets the Following Florida Sunshine State Standards**

### **High School**

#### *Processes of life*

**SC.F.1.4 Content Standard:**

The student describes patterns of structure and function in living things.

**SC.F.2.4 Content Standard:**

The student understands the process and importance of genetic diversity.

#### *How living things interact with their environment*

**SC.G.1.4 Content Standard:**

The student understands the competitive, interdependent, cyclic nature of living things in the environment.

**SC.G.2.2.1 Content Standard:**

Knows that all living things must compete for Earth's limited resources; organisms best adapted to compete for the available resources will be successful and pass their adaptations to their offspring.

**SC.G.2.2.2 Content Standard:**

Knows that the size of a population is dependent upon the available resources within its community.

**SC.G.2.2.3 Content Standard:**

Understands that changes in the habitat of an organism may be beneficial or harmful.

**SC.G.2.4 Content Standard:**

The student understands the consequences of using limited natural resources.

#### *Nature of Science*

**SC.H.1.4 Content Standard:**

The student uses the scientific processes and habits of mind to solve problems.

**SC.H.2.4 Content Standard:**

The student understands that most natural events occur in comprehensible, consistent patterns.

**SC.H.3.4 Content Standard:**

The student understands that science, technology, and society are interwoven and interdependent.

#### *Math benchmarks*

**M.A.E.1.2.1 Content Standard:**

Solves problems by generating, collecting, organizing, displaying, and analyzing data using histograms, bar graphs, circle graphs, line graphs, pictographs, and charts.

**M.A.E.1.2.3 Content Standard:**

Analyzes real-world data to recognize patterns and relationships of the measures of central tendency using tables, charts, histograms, bar graphs, etc.

**M.A.E.3.2.2 Content Standard:**

Uses statistical data about life situations to make predictions and justifies reasoning.