



1. **Florida Everglades /Florida Wildlife-** this lecture includes an educational package with a Species guide to native and non-native flora and fauna, adaptations for species survival, geographical locations, diets, behaviors, captive breeding programs, genetics, as well as careers pertaining to Florida wildlife. Animal Ambassadors are: species that are native to Florida or have been introduced. Approximately 10 reptiles/mammals. 1 hour
2. **World of Wildlife Lecture-** this lecture will cover reptiles and mammals from around the world. The lecture will include: adaptations for species survival, geographical locations, diets, behaviors, captive breeding programs, genetics and careers in the field of animals. Approximately 10 reptiles/mammals. 1 hour
3. **Albino Alligator Lecture-** the lecture includes a World of Wildlife lecture with the addition of a Rare Albino Alligator; this lecture will also cover a section focused on crocodilians. Included in the lecture is a custom photo session, 4x 6 photos holding the albino alligator for maximum of 10 people. There are only about 90 Albino Alligators in the world. Approximately 10 reptiles/mammals including an Albino Alligator. 2 hours **Contact us for larger groups and rates for photos.**
4. **Venomous Reptile Lecture-** this lecture will cover many venomous species including those native to Florida. The lecture will include: guide to venomous snakes of Florida, types of venom, how antivenin is made, slide show of invenomations (very graphic actual bites) and venomous species. Different treatments for bites. Approximately 10 reptiles/arachnids/insects/arthropods/amphibians. 1 hour
ONLY NON-VENOMOUS SPECIES OF REPTILES WILL BE INVOLVED NO VENOMOUS SPECIES OF REPTILES WILL BE PRESENT.
5. **Squid Dissection Lab-**this lecture will cover squid behavior and species, then the students will be dissecting squid (fresh no harmful chemicals) we will provide: dissection kits and dissection trays, squid, worksheets and non-latex gloves. We will clean up and dispose of and disinfect any mess pertaining to the lab. 2 hours

Florida Sunshine State Standards

1. Florida Everglades/Florida Wildlife: SC.D.2.4, SC.F.2.4, SC.G.1.4, SC.912.1.15.9, SC.912.L.15.9, SC.912.L.15.15, SC.912.L.17.4, SC.912.L.17.6, SC.912.L.17.8, SC.912.L.17.11, SC.912.L.17.12, SC.912.L.17.17, SC.912.L.17.20, SC.D. 2.3.2, SC.G.2.3.3, SC.F.2.3.2, SC.F.2.3.3, S.C.G.1.3.2, S.C.G.1.2.3

2. World of Wildlife: SC.D.2.4, SC.F.2.4, SC.G.1.4, SC.912.1.15.9, SC.912.L.15.9, SC.912.L.15.15, SC.912.L.17.4, SC.912.L.17.6, SC.912.L.17.8, SC.912.L.17.11, SC.912.L.17.12, SC.912.L.17.17, SC.912.L.17.20, SC.D. 2.3.2, SC.G.2.3.3, SC.F.2.3.2, SC.F.2.3.3, S.C.G.1.3.2, S.C.G.1.2.3

3. Albino Alligator/World of Wildlife: SC.D.2.4, SC.F.2.4, SC.G.1.4, SC.912.1.15.9, SC.912.L.15.9, SC.912.L.15.15, SC.912.L.17.4, SC.912.L.17.6, SC.912.L.17.8, SC.912.L.17.11, SC.912.L.17.12, SC.912.L.17.17, SC.912.L.17.20, SC.D. 2.3.2, SC.G.2.3.3, SC.F.2.3.2, SC.F.2.3.3, S.C.G.1.3.2, S.C.G.1.2.3

4. Venomous Reptile: SC.F.2.4, SC.G.1.4, SC.912.L.15.9, SC.912.L.15.15, SC.912.L.17.6, SC.G.2.3.3, SC.G.1.3.2

5. Squid Lab: SC.F.2.4, SC.G.1.4, SC.912.L.15.9, SC.F.2.3.2, SC.G.1.3.2, S.C.G.1.2.3

SC.D.2.4: The student understands the need for protection of the natural systems on Earth.

SC.F.2.4: The student understands the process and importance of genetic diversity.

SC.G.1.4: The student understands the competitive, interdependent, cyclic nature of living things in the environment.

SC.912.L.15.9: The student understands the consequences of using limited natural resources.

SC.912.L.15.9: Explain the role of reproductive isolation in the process of speciation.

SC.912.L.15.15: Describe how mutation and genetic recombination increase genetic variation.

SC.912.L.17.4: Describe changes in ecosystems resulting from seasonal variations, climate change and succession.

SC.912.L.17.6: Compare and contrast the relationships among organisms, including predation, parasitism, competition, commensalism, and mutualism.

SC.912.L.17.8: Recognize the consequences of the losses of biodiversity due to catastrophic events, climate changes, human activity, and the introduction of invasive, non-native species.

SC.912.L.17.11: Evaluate the costs and benefits of renewable and nonrenewable resources, such as water, energy, fossil fuels, wildlife, and forests.

SC.912.L.17.12: Discuss the political, social, and environmental consequences of sustainable use of land.

SC.912.L.17.17: Assess the effectiveness of innovative methods of protecting the environment.

SC.912.L.17.20: Predict the impact of individuals on environmental systems and examine how human lifestyles affect sustainability.

SC.D232: Know the positive and negative consequences of human actions on the earth's systems.

SC.G.2.3.3: Know that a brief change in the limited resources of an ecosystem may alter the size of a population or the average size of individual organisms and that the long term change may result in the elimination of animal and plant populations inhabiting earth.

SC.F.232: Know that the variation in each species is due to the exchange and interaction of genetic information as it is passed from parent to offspring.

SC.F.2.3.3: Know that generally organisms in a population live long enough to reproduce because they have survival characteristics.

S.C.G.1.3.2.: Know that biological adaptations include changes in structures, behaviors or physiology that enhance reproductive success in a particular environment.

S.C.G.1.2.3: Understand that the classification of living things is based on a given set of criteria and is a tool for understanding biodiversity and interrelationships.