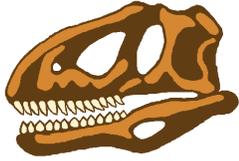


**JURASSIC**



**PARTS**

# **Grades 6-8 Secondary Programs Correlations to the Next Generation Sunshine State Standards**

## **6th Grade Programs**

Animal Investigations (Squid) - SC.6.L.14.1, SC.6.L.14.5, SC.6.L.15.1

Animal Investigations (Frog) - SC.6.L.14.1, SC.6.L.14.5, SC.6.L.15.1

Animal Investigations (Shark) - SC.6.L.14.1, SC.6.L.14.5, SC.6.L.15.1

Shark Tooth Lab - SC.6.L.15.1

Intro to Shark & Rays - SC.6.L.15.1

Everlasting Everglades - SC.6.E.6.2, SC.6.E.7.4, SC.6.L.15.1

## **7th Grade Programs**

Deluxe Florida Fossil Dig - SC.7.N.1.5, SC.7.E.6.3, SC.7.L.15.1, SC.7.L.15.2, SC.7.L.15.3

Ice Age Rampage - SC.7.N.1.5, SC.7.E.6.3, SC.7.L.15.1, SC.7.L.15.2, SC.7.L.15.3, SC.7.L.17.3

Deluxe Gem Panning Program - SC.7.N.1.5, SC.7.E.6.2

Advanced Mineral ID Lab - SC.7.N.1.5, SC.7.E.6.2

Deluxe Geode Lab - SC.7.N.1.5, SC.7.E.6.2

Shark Tooth Lab - SC.7.L.15.3, SC.7.L.17.1, SC.7.L.17.2, SC.7.L.17.3

Intro to Shark & Rays - SC.7.L.15.3, SC.7.L.17.1, SC.7.L.17.2, SC.7.L.17.3

Everlasting Everglades - SC.7.L.17.1, SC.7.L.17.2, SC.7.L.17.3

## **8th Grade Programs**

The Traveling Chemist - SC.8.P.8.3, SC.8.P.8.4, SC.8.P.8.5, SC.8.P.8.7, SC.8.P.8.8, SC.8.P.8.9,  
SC.8.P.9.1, SC.8.P.9.2, SC.8.P.9.3

Shark Tooth Lab - SC.8.N.4.1, SC.8.N.4.2

Intro to Shark & Rays - SC.8.N.4.1, SC.8.N.4.2

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## **6th Grade Standards**

- SC.6.E.6.2 Recognize that there are a variety of different landforms on Earth's surface such as coastlines, dunes, rivers, mountains, glaciers, deltas, and lakes and relate these landforms as they apply to Florida.
- SC.6.E.7.4 Differentiate and show interactions among the geosphere, hydrosphere, cryosphere, atmosphere, and biosphere.
- SC.6.L.14.1 Describe and identify patterns in the hierarchical organization of organisms from atoms molecules and cells to tissues to organs to organ systems to organisms.
- SC.6.L.14.5 Identify and investigate the general functions of the major systems of the human body (digestive, respiratory, circulatory, reproductive, excretory, immune, nervous, and musculoskeletal) and describe ways these systems interact with each other to maintain homeostasis.
- SC.6.L.15.1 Analyze and describe how and why organisms are classified according to shared characteristics with emphasis on the Linnaean system combined with the concept of Domains.

## **7th Grade Standards**

- SC.7.N.1.5 Describe the methods used in the pursuit of a scientific explanation as seen in different fields of science such as biology, geology, and physics.
- SC.7.E.6.2 Identify the patterns within the rock cycle and relate them to surface events (weathering and erosion) and sub-surface events (plate tectonics and mountain building).
- SC.7.E.6.3 Identify current methods for measuring the age of Earth and its parts, including the law of superposition and radioactive dating.
- SC.7.L.15.1 Recognize that fossil evidence is consistent with the scientific theory of evolution that living things evolved from earlier species.
- SC.7.L.15.2 Explore the scientific theory of evolution by recognizing and explaining ways in which genetic variation and environmental factors contribute to evolution by natural selection and diversity of organisms.
- SC.7.L.15.3 Explore the scientific theory of evolution by relating how the inability of a species to adapt within a changing environment may contribute to the extinction of that species.
- SC.7.L.17.1 Explain and illustrate the roles of and relationships among producers, consumers, and decomposers in the process of energy transfer in a food web.
- SC.7.L.17.2 Compare and contrast the relationships among organisms such as mutualism, predation, parasitism, competition, and commensalism.
- SC.7.L.17.3 Describe and investigate various limiting factors in the local ecosystem and their impact on native populations, including food, shelter, water, space, disease, parasitism, predation, and nesting sites.

## **8th Grade Standards**

- SC.8.N.4.1 Explain that science is one of the processes that can be used to inform decision making at the community, state, national, and international levels.
- SC.8.N.4.2 Explain how political, social, and economic concerns can affect science, and vice versa.
- SC.8.P.8.3 Explore and describe the densities of various materials through measurement of their masses and volumes.
- SC.8.P.8.4 Classify and compare substances on the basis of characteristic physical properties that can be demonstrated or measured; for example, density, thermal or electrical conductivity, solubility, magnetic properties, melting and boiling points, and know that these properties are independent of the amount of the sample.
- SC.8.P.8.5 Recognize that there are a finite number of elements and that their atoms combine in a multitude of ways to produce compounds that make up all of the living and nonliving things that we encounter.
- SC.8.P.8.7 Explore the scientific theory of atoms (also known as atomic theory) by recognizing that atoms are the smallest unit of an element and are composed of sub-atomic particles (electrons surrounding a nucleus containing protons and neutrons).
- SC.8.P.8.8 Identify basic examples of and compare and classify the properties of compounds, including acids, bases and salts.
- SC.8.P.8.9 Distinguish among mixtures (including solutions) and pure substances.
- SC.8.P.9.1 Explore the Law of Conservation of Mass by demonstrating and concluding that mass is conserved when substances undergo physical and chemical changes.
- SC.8.P.9.2 Differentiate between physical changes and chemical changes.
- SC.8.P.9.3 Investigate and describe how temperature influences chemical changes.