

JURASSIC



PARTS

Grades 3-5 Elementary Programs Correlations to the Next Generation Sunshine State Standards

3rd Grade Programs

Chemistry Magic Show - SC.3.N.1.6, SC.3.P.8.1, SC.3.L.8.2, SC.3.L.8.3, SC.3.L.9.1
Ice Age Rampage - SC.3.N.1.6, SC.3.L.15.1, SC.3.L.17.1
Junior Florida Fossil Dig - SC.3.N.1.1, SC.3.N.1.6, SC.3.P.8.3, SC.3.L.15.1, SC.3.L.17.1
Junior Chemistry Lab - SC.3.N.1.1, SC.3.N.1.6, SC.3.P.8.2, SC.3.P.8.3
Junior Gem Panning Program - SC.3.N.1.1, SC.3.N.1.6, SC.3.P.8.3
Junior Geode Lab - SC.3.N.1.1, SC.3.N.1.6, SC.3.P.8.3
Shark Tooth Lab - SC.3.N.1.1, SC.3.N.1.6, SC.3.P.8.3, SC.3.L.15.1
Insect Lab - SC.3.N.1.6, SC.3.L.15.1
Intro to Shark & Rays - SC.3.N.1.6, SC.3.L.15.1

4th Grade Programs

Junior Gem Panning Program - SC.4.N.1.1, SC.4.E.6.1, SC.4.E.6.2, SC.4.P.8.1
Junior Mineral ID Lab - SC.4.N.1.1, SC.4.E.6.1, SC.4.E.6.2, SC.4.E.6.6, SC.4.P.8.1
Junior Geode Lab - SC.4.N.1.1, SC.4.E.6.1, SC.4.E.6.2, SC.4.P.9.1
Junior Florida Fossil Dig - SC.4.N.1.1, SC.4.N.1.7, SC.4.P.8.1, SC.4.P.9.1
Ice Age Rampage - SC.4.N.1.7, SC.4.P.9.1, SC.4.L.17.1, SC.4.L.17.2, SC.4.L.17.4
Shark Tooth Lab - SC.4.N.1.1, SC.4.N.1.7, SC.4.P.8.1, SC.4.P.9.1, SC.4.L.17.1, SC.4.L.17.2, SC.4.L.17.4
Intro to Shark & Rays - SC.4.L.17.1, SC.4.L.17.2, SC.4.L.17.4
Junior Chemistry Lab - SC.4.N.1.1, SC.4.P.8.1, SC.4.P.9.1
Insect Lab - SC.4.L.16.2, SC.4.L.16.3, SC.4.L.16.4, SC.4.L.17.2, SC.4.L.17.3, SC.4.L.17.4
Magnet Lab - SC.4.P.8.1, SC.4.P.8.4
Chemistry Magic Show - SC.4.P.8.1, SC.4.P.9.1

5th Grade Programs

Animal Investigation (Squid) - SC.5.L.14.1, SC.5.L.14.2, SC.5.L.15.1, SC.5.L.17.1
The Traveling Chemist - SC.5.P.8.1, SC.5.P.8.4, SC.5.P.9.1
Chemistry Magic Show - SC.5.P.8.1, SC.5.P.8.4, SC.5.P.9.1
Junior Chemistry Lab - SC.5.P.8.1, SC.5.P.8.2, SC.5.P.8.4, SC.5.P.9.1
Junior Florida Fossil Dig - SC.5.L.14.2, SC.5.L.15.1, SC.5.L.17.1
Ice Age Rampage - SC.5.L.14.2, SC.5.L.15.1, SC.5.L.17.1
Shark Tooth Lab - SC.5.L.14.2, SC.5.L.15.1, SC.5.L.17.1
Meteorite Lab - SC.5.E.5.3
Insect Lab - SC.5.L.17.1
Intro to Shark & Rays - SC.5.L.14.2, SC.5.L.15.1, SC.5.L.17.1

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3rd Grade Standards

- SC.3.N.1.1 Raise questions about the natural world, investigate them in teams through free exploration and systematic observations, and generate appropriate explanations based on those explorations.
- SC.3.N.1.6 Infer based on observation.
- SC.3.P.8.1 Measure and compare temperatures of various samples of solids and liquids.
- SC.3.P.8.2 Measure and compare the mass and volume of solids and liquids.
- SC.3.P.8.3 Compare materials and objects according to properties such as size, shape, color, texture, and hardness.
- SC.3.P.9.1 Describe the changes water undergoes when it changes state through heating and cooling by using familiar scientific terms such as melting, freezing, boiling, evaporation, and condensation.
- SC.3.L.14.1 Describe structures in plants and their roles in food production, support, water and nutrient transport, and reproduction.
- SC.3.L.15.1 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.
- SC.3.L.17.1 Describe how animals and plants respond to changing seasons.

4th Grade Standards

- SC.4.N.1.1 Raise questions about the natural world, use appropriate reference materials that support understanding to obtain information (identifying the source), conduct both individual and team investigations through free exploration and systematic investigations, and generate appropriate explanations based on those explorations.
- SC.4.N.1.7 Recognize and explain that scientists base their explanations on evidence.
- SC.4.E.6.1 Identify the three categories of rocks: igneous, (formed from molten rock); sedimentary (pieces of other rocks and fossilized organisms); and metamorphic (formed from heat and pressure).
- SC.4.E.6.2 Identify the physical properties of common earth-forming minerals, including hardness, color, luster, cleavage, and streak color, and recognize the role of minerals in the formation of rocks.
- SC.4.E.6.6 Identify resources available in Florida (water, phosphate, oil, limestone, silicon, wind, and solar energy).
- SC.4.P.8.1 Measure and compare objects and materials based on their physical properties including: mass, shape, volume, color, hardness, texture, odor, taste, attraction to magnets.
- SC.4.P.8.4 Investigate and describe that magnets can attract magnetic materials and attract and repel other magnets.
- SC.4.P.9.1 Identify some familiar changes in materials that result in other materials with different characteristics, such as decaying animal or plant matter, burning, rusting, and cooking.
- SC.4.L.16.2 Explain that although characteristics of plants and animals are inherited, some characteristics can be affected by the environment.
- SC.4.L.16.3 Recognize that animal behaviors may be shaped by heredity and learning.
- SC.4.L.16.4 Compare and contrast the major stages in the life cycles of Florida plants and animals, such as those that undergo incomplete and complete metamorphosis, and flowering and nonflowering seed-bearing plants.
- SC.4.L.17.1 Compare the seasonal changes in Florida plants and animals to those in other regions of the country.
- SC.4.L.17.2 Explain that animals, including humans, cannot make their own food and that when animals eat plants or other animals, the energy stored in the food source is passed to them.
- SC.4.L.17.3 Trace the flow of energy from the Sun as it is transferred along the food chain through the producers to the consumers.
- SC.4.L.17.4 Recognize ways plants and animals, including humans, can impact the environment.

5th Grade Standards

- SC.5.E.5.3 Distinguish among the following objects of the Solar System -- Sun, planets, moons, asteroids, comets -- and identify Earth's position in it.
- SC.5.P.8.1 Compare and contrast the basic properties of solids, liquids, and gases, such as mass, volume, color, texture, and temperature.
- SC.5.P.8.2 Investigate and identify materials that will dissolve in water and those that will not and identify the conditions that will speed up or slow down the dissolving process.
- SC.5.P.8.4 Explore the scientific theory of atoms (also called atomic theory) by recognizing that all matter is composed of parts such as particle size, shape, color, and magnetic attraction.
- SC.5.P.9.1 Investigate and describe that many physical and chemical changes are affected by temperature.
- SC.5.L.14.1 Identify the organs in the human body and describe their functions, including the skin, brain, heart, lungs, stomach, liver, intestines, pancreas, muscles and skeleton, reproductive organs, kidneys, bladder, and sensory organs.
- SC.5.L.14.2 Compare and contrast the function of organs and other physical structures of plants and animals, including humans, for example: some animals have skeletons for support -- some with internal skeletons others with exoskeletons -- while some plants have stems for support.
- 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.