**Lesson 8: Florida Standards**

***Grades 3-5***

**SCIENCE**

**SC.3.N.1.1**

Raise questions about the natural world, investigate them individually and in teams through free exploration and systematic investigations, and generate appropriate explanations based on those explorations.

**SC.4.N.2.1**

Explain that science focuses solely on the natural world.

**SC.4.L.17.1**

Compare the seasonal changes in Florida plants and animals to those in other regions of the country.

**LANGUAGE ARTS**

**LAFS.3.RF.3.3**

Know and apply grade-level phonics and word analysis skills in decoding words.

**LAFS.3.RI.4.10**

By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, at the high end of the grades 2–3 text complexity band independently and proficiently

**LAFS.5.SL.1.1**

Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on *grade 5 topics and texts*, building on others’ ideas and expressing their own clearly.

***Grades 6-8***

**SCIENCE**

**SC.6.N.1.4**

Discuss, compare, and negotiate methods used, results obtained, and explanations among groups of students conducting the same investigation.

**SC.7.N.2.1**

Identify an instance from the history of science in which scientific knowledge has changed when new evidence or new interpretations are encountered

**SC.6.E.6.1**

Describe and give examples of ways in which Earth's surface is built up and torn down by physical and chemical weathering, erosion, and deposition

**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.

**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

**SC.8.L.18.1**

Describe and investigate the process of photosynthesis, such as the roles of light, carbon dioxide, water and chlorophyll; production of food; release of oxygen.

**LANGUAGE ARTS**

**LAFS.6.L.3.6**

Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression.

**LAFS.6.RI.4.10**

By the end of the year, read and comprehend literary nonfiction in the grades 6–8 text complexity band proficiently, with scaffolding as needed at the high end of the range.

**LAFS.8.SL.1.1**

Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 8 topics, texts, and issues, building on others’ ideas and expressing their own clearly.

*Resources: CPALMS.org and FLStandards.org; July 2014.*