**Lesson 1: 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.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.

**LANGUAGE ARTS**

**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.4.W.32.4**

Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience.

**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.8.L.18.4**

Cite evidence that living systems follow the [Laws](http://www.cpalms.org/Public/search/Standard) of [Conservation of Mass](http://www.cpalms.org/Public/search/Standard) and [Energy](http://www.cpalms.org/Public/search/Standard).

**LANGUAGE ARTS**

**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.7.W.1.2**

Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.

**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.*