**Lesson 6: Florida Standards**

***Grades 3-5***

**MATHEMATICS**

**MAFS.4.OA.3.5**

Generate a number or shape pattern that follows a given rule. Identify apparent features of the pattern that were not explicit in the rule itself.

**MAFS.5.MD.2.2**

Make a line plot to display a data set of measurements in fractions of a unit (1/2, 1/4, 1/8). Use operations on fractions for this grade to solve problems involving information presented in line plots.

**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.

***Grades 6-8***

**MATHEMATICS**

**MAFS.6.EE.1.2**

Write, read, and evaluate expressions in which letters stand for numbers.

**MAFS.7.SP.1.2**

Use data from a random sample to draw inferences about a population with an unknown characteristic of interest. Generate multiple samples (or simulated samples) of the same size to gauge the variation in estimates or predictions.

**MAFS.8.F.1.1**

Understand that a function is a rule that assigns to each input exactly one output. The graph of a function is the set of ordered pairs consisting of an input and the corresponding output.

**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.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.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

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