

**Florida Project Learning Tree Sunshine State Standards linkages for grades 6-8 and 9-12: LOVING IT TOO MUCH (#35; pp. 108-113 in old edition *PreK-8 Activity Guide*; pp. 147-152 new edition)**

**Subject Area: Language Arts**

**Strand: Listening, Viewing, and Speaking**

**Standard 1:** The student uses listening strategies effectively.

- **Grades 6-8:** No applicable benchmarks
- **Grades 9-12 – Benchmark:** uses effective strategies for informal and formal discussions, including listening actively and reflectively, connecting to and building on the ideas of a previous speaker, and respecting the viewpoints of others. [LA.C.1.4.3]

**Standard 3:** The student uses speaking strategies effectively.

- **Grades 6-8 – Benchmark:** speaks for various occasions, audiences, and purposes, including conversations, discussions, projects, and informational, persuasive, or technical presentations. [LA.C.3.3.3]
- **Grades 9-12 – Benchmark:** selects and uses a variety of speaking strategies to clarify meaning and to reflect understanding, interpretation, application, and evaluation of content, processes, or experiences, including asking relevant questions when necessary, making appropriate and meaningful comments, and making insightful observations. [LA.C.3.4.2]

**Subject Area: Mathematics**

**Strand: Data Analysis and Probability**

**Standard 1:** The student understands and uses the tools of data analysis for managing information.

- **Grades 6-8 – Benchmark:** collects, organizes, and displays data in a variety of forms, including tables, line graphs, charts, bar graphs, to determine how different ways of presenting data can lead to different interpretations. [MA.E.1.3.1]
- **Grades 9-12 – Benchmark:** interprets data that has been collected, organized, and displayed in charts, tables, and plots. [MA.E.1.4.1]
- **Grades 9-12 – Benchmark:** analyzes real-world data and makes predictions of larger populations by applying formulas to calculate measures of central tendency and dispersion using the sample population data, and using appropriate technology, including calculators and computers. [MA.E.1.4.3]

**Standard 3:** The student uses statistical methods to make inferences and valid arguments about real-world situations.

- **Grades 6-8 – Benchmark:** formulates hypotheses, designs experiments, collects and interprets data, and evaluates hypotheses by making inferences and drawing conclusions based on statistics (range, mean, median, and mode) and tables, graphs, and charts. [MA.E.3.3.1]

- **Grades 9-12:** No applicable benchmark

## **Subject Area: Science**

### **Strand: Processes that Shape the Earth**

**Standard 2:** The student understands the need for protection of the natural systems on Earth.

- **Grades 6-8** – Benchmark: knows the positive and negative consequences of human action on the Earth’s systems. [SC.D.2.3.2]
- **Grades 9-12:** No applicable benchmark

### **Strand: How Living Things Interact with Their Environment**

**Standard 2:** The student understands the consequences of using limited natural resources.

- **Grades 6-8** – Benchmark: knows that some resources are renewable and others are nonrenewable. [SC.G.2.3.1]
- **Grades 6-8** – Benchmark: understands that humans are a part of an ecosystem and their activities may deliberately or inadvertently alter the equilibrium in ecosystems. [SC.G.2.3.4]
- **Grades 9-12** – Benchmark: understands that the amount of life any environment can support is limited and that human activities can change the flow of energy and reduce the fertility of the Earth. [SC.G.2.4.5]
- **Grades 9-12** – Benchmark: knows the ways in which humans today are placing their environmental support systems at risk (e.g., rapid human population growth, environmental degradation, and resource depletion). [SC.G.2.4.6]

## **Subject Area: Social Studies**

### **Strand: People, Places, and Environments (Geography)**

**Standard 2:** The student understands the interactions of people and the physical environment.

- **Grades 6-8** – Benchmark: understands the environmental consequences of people changing the physical environment in various world locations. [SS.B.2.3.6]
- **Grades 6-8** – Benchmark: understands how the interaction between physical and human systems affects current conditions on Earth. [SS.B.2.3.9]
- **Grades 9-12** – Benchmark: understands the global impact of human changes in the physical environment. [SS.B.2.4.4]