

Florida Project Learning Tree Sunshine State Standards linkages for grades PreK-2, 3-5, 6-8, and 9-12: FIELD, FOREST AND STREAM (#48; pp. 156-159 in old edition *PreK-8 Activity Guide*; pp. 203-206 new edition)

Subject Area: Language Arts

Strand: Writing

Standard 2: The student writes to communicate ideas and information effectively.

- **Grades PreK-2:** No applicable benchmark
- **Grades 3-5 – Benchmark:** writes notes, comments, and observations that reflect comprehension of content and experiences from a variety of media. [LA.B.2.2.1]
- **Grades 6-8 – Benchmark:** writes text, notes, outlines, comments, and observations that demonstrate comprehension of content and experiences from a variety of media. [LA.B.2.3.1]
- **Grades 9-12 – Benchmark:** writes text, notes, outlines, comments, and observations that demonstrate comprehension and synthesis of content, processes, and experiences from a variety of media. [LA.B.2.4.1]

Strand: Listening, Viewing, and Speaking

Standard 1: The student uses listening strategies effectively.

- **Grades PreK-2 – Benchmark:** listens for a variety of informational purposes, including curiosity, pleasure, getting directions, performing tasks, solving problems, and following rules. [LA.C.1.1.1]
- **Grades 3-5 – Benchmark:** listens and responds to a variety of oral presentations, such as stories, poems, skits, songs, personal accounts, and informational speeches. [LA.C.1.2.1]
- **Grades 6-8 – Benchmark:** listens and uses information gained for a variety of purposes, such as gaining information from interviews, following directions, and pursuing a personal interest. [LA.C.1.3.1]
- **Grades 9-12 – Benchmark:** selects and uses appropriate listening strategies according to the intended purpose, such as solving problems, interpreting and evaluating the techniques and intent of a presentation, and taking action in career-related situations. [LA.C.1.4.1]

Standard 3: The student uses speaking strategies effectively.

- **Grades PreK-2:** No applicable benchmark
- **Grades 3-5 – Benchmark:** speaks for specific occasions, audiences, and purposes, including conversations, discussions, projects, and informational or imaginative presentations. [LA.C.3.2.3]
- **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: uses details, illustrations, analogies, and visual aids to make oral presentations that inform, persuade, or entertain. [LA.C.3.4.3]

Subject Area: Mathematics

Strand: Measurement

Standard 2: The student compares, contrasts, and converts within systems of measurement (both standard/nonstandard and metric/customary).

- **Grades PreK-2** – Benchmark: uses direct (measured) and indirect (not measured) comparisons to order objects according to some measurable characteristics (length, weight). [MA.B.2.1.1]
- **Grades 3-5** – Benchmark: uses direct (measured) and indirect (not measured) measures to calculate and compare measurable characteristics. [MA.B.2.2.1]
- **Grades 6-8** – Benchmark: uses direct (measured) and indirect (not measured) measures to compare a given characteristic in either metric or customary units. [MA.B.2.3.1]
- **Grades 9-12** – Benchmark: selects and uses direct (measured) or indirect (not measured) methods of measurement as appropriate. [MA.B.2.4.1]

Standard 4: The student selects and uses appropriate units and instruments for measurement to achieve the degree of precision and accuracy required in real-world situations.

- **Grades PreK-2:** No applicable benchmark
- **Grades 3-5** – Benchmark: selects and uses appropriate instruments and technology, including scales, rulers, thermometers, measuring cups, protractors, and gauges, to measure in real-world situations. [MA.B.4.2.2]
- **Grades 6-8** – Benchmark: selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation. [MA.B.4.3.2]
- **Grades 9-12** – Benchmark: selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation. [MA.B.4.4.2]

Subject Area: Science

Strand: How Living Things Interact with Their Environment

Standard 1: The student understands the competitive, interdependent, cyclic nature of living things in the environment.

- **Grades PreK-2** – Benchmark: knows that environments have living and nonliving parts. [SC.G.1.1.1]
- **Grades PreK-2** – Benchmark: knows that there are many different plants and animals living in many different kinds of environments (e.g., hot, cold, wet, dry, sunny, and dark). [SC.G.1.1.3]

- **Grades 3-5** – Benchmark: knows that variations in light, water, temperature, and soil content are largely responsible for the existence of different kinds of organisms and population densities in an ecosystem. [SC.G.1.2.7]
- **Grades 6-8** and **Grades 9-12**: No applicable benchmarks

Strand: The Nature of Science

Standard 1: The student uses the scientific processes and habits of mind to solve problems.

- **Grades PreK-2** – Benchmark: uses the senses, tools, and instruments to obtain information from his or her surroundings. [SC.H.1.1.5]
- **Grades 3-5** – Benchmark: knows that a successful method to explore the natural world is to observe and record, and then analyze and communicate the results. [SC.H.1.2.2]
- **Grades 6-8** and **Grades 9-12**: No applicable benchmarks