

Florida Project Learning Tree Sunshine State Standards linkages for grades PreK-2, 3-5, 6-8, and 9-12: ADOPT A TREE (#21: pp. 65-69 in old edition *PreK-8 Activity Guide*; pp. 97-101 new edition)

Subject Area: Language Arts

Strand: Writing

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

- **Grades PreK-2** – Benchmark: uses knowledge and experience to tell about experiences or to write for familiar occasions, audiences, and purposes. [LA.B.2.1.2]
- **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 3-5** – Benchmark: writes for a variety of occasions, audiences, and purposes. [LA.B.2.2.3]
- **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 6-8** – Benchmark: selects and uses appropriate formats for writing, including narrative, persuasive, and expository formats, according to the intended audience, purpose, and occasion. [LA.B.2.3.3]
- **Grades 9-12** – Benchmark: writes fluently for a variety of occasions, audiences, and purposes, making appropriate choices regarding style, tone, level of detail, and organization. [LA.B.2.4.3]

Subject Area: Mathematics

Strand: Measurement

Standard 3: The student estimates measurements in real-world problem situations.

- **Grades PreK-2** – Benchmark: using a variety of strategies, estimates lengths, widths, time intervals, and money and compares them to actual measurements. (met during “Enrichment” segment of activity) [MA.B.3.1.1]
- **Grades 3-5** – Benchmark: solves real-world problems involving estimates of measurements, including length, time, weight, temperature, money, perimeter, area, and volume. (met during “Enrichment” segment of activity) [MA.B.3.2.1]
- **Grades 6-8** – Benchmark: solves real-world and mathematical problems involving estimates of measurements including length, time, weight/mass, temperature, money, perimeter, area, and volume, in either customary or metric units. (met during “Enrichment” segment of activity) [MA.B.3.3.1]

- **Grades 9-12** – Benchmark: solves real-world and mathematical problems involving estimates of measurements, including length, time, weight/mass, temperature, money, perimeter, area, and volume, and estimates the effects of measurement errors on calculations. (met during “Enrichment” segment of activity) [MA.B.3.4.1]

Subject Area: Science

Strand: The Nature of Matter

Standard 1: The student understands that all matter has observable, measurable properties.

- **Grades PreK-2** – Benchmark: knows that objects can be described, classified, and compared by their composition (e.g., wood or metal) and their physical properties (e.g., color, size, and shape). [SC.A.1.1.1]
- **Grades 3-5, Grades 6-8, and Grades 9-12:** No applicable benchmarks

Strand: Energy

Standard 2: The student understands the interaction of matter and energy.

- **Grades PreK-2, Grades 6-8, and Grades 9-12:** No applicable benchmarks
- **Grades 3-5** – Benchmark: knows that some source of energy is needed for organisms to stay alive and grow. [SC.B.2.2.1]

Strand: Processes of Life

Standard 1: The student describes patterns of structure and function in living things.

- **Grades PreK-2** – Benchmark: describes how organisms change as they grow and mature. [SC.F.1.1.3]
- **Grades 3-5** – Benchmark: knows that living things are different but share similar structures. [SC.F.1.2.3]
- **Grades 6-8** – Benchmark: understands that living things are composed of major systems that function in reproduction, growth, maintenance, and regulation. [SC.F.1.3.1]
- **Grades 9-12:** No applicable benchmark

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 plants and animals are dependent upon each other for survival. [SC.G.1.1.2]
- **Grades 3-5 and Grades 9-12:** No applicable benchmarks
- **Grades 6-8** – Benchmark: knows that the interactions of organisms with each other and with the non-living parts of their environments result in the flow of energy and the cycling of matter throughout the system. [SC.G.1.3.4]

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

- **Grades PreK-2** – Benchmark: knows that if living things do not get food, water, shelter, and space, they will die. [SC.G.2.1.1]
- **Grades 3-5, 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: knows that in order to learn, it is important to observe the same things often and compare them. [SC.H.1.1.1]
- **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

Subject Area: Social Studies

Strand: People, Places, and Environments (Geography)

Standard 1: The student understands the world in spatial terms.

- **Grades PreK-2** – Benchmark: determines the absolute and relative location of people, places, and things. [SS.B.1.1.1]
- **Grades 3-5, Grades 6-8, and Grades 9-12:** No applicable benchmarks

Strand: Economics

Standard 1: The student understands how scarcity requires individuals and institutions to make choices about how to use resources.

- **Grades PreK-2, Grades 6-8, and Grades 9-12:** No applicable benchmarks
- **Grades 3-5** – Benchmark: understands that scarcity of resources requires choices on many levels, from the individual to societal. [SS.D.1.2.2]

Subject Area: The Arts – Visual Arts

Strand: Skills and Techniques

Standard 1: The student understands and applies media, techniques, and processes.

- **Grades PreK-2** – Benchmark: uses two-dimensional and three-dimensional media, techniques, tools, and processes to depict works of art from personal experiences, observation, or imagination. [VA.A.1.1.1]

- **Grades 3-5** – Benchmark: uses and organizes two-dimensional and three-dimensional media, techniques, tools, and processes to produce works of art that are derived from personal experience, observation, or imagination. [VA.A.1.2.1]
- **Grades 6-8** – Benchmark: creates two-dimensional and three-dimensional works of art that reflect competency and craftsmanship. [VA.A.1.3.4]
- **Grades 9-12** – Benchmark: uses two-dimensional and three-dimensional media, techniques, tools, and processes to communicate an idea or concept based on research, environment, personal experience, observation, or imagination. [VA.A.1.4.1]

Strand: Creation and Communication

Standard 1: The student creates and communicates a range of subject matter, symbols, and ideas using knowledge of structures and functions of visual arts.

- **Grades PreK-2:** No applicable benchmark
- **Grades 3-5** – Benchmark: understands that subject matter used to create unique works of art can come from personal experience, observation, imagination, and themes. [VA.B.1.2.1]
- **Grades 6-8** – Benchmark: knows and uses the interrelated elements of art and the principles of design to improve the communication of ideas. [VA.B.1.3.4]
- **Grades 9-12:** No applicable benchmark