

Florida Project Learning Tree Sunshine State Standards linkages for grades PreK-2, 3-5, and 6-8: TREE LIFECYCLE (#79; pp. 302-305 in old edition *PreK-8 Activity Guide*; pp. 341-344 new edition)

Subject Area: Language Arts

Strand: Reading

Standard 2: The student constructs meaning from a wide range of texts.

- **Grades PreK-2:** No applicable benchmark
- **Grades 3-5 – Benchmark:** reads text and determines the main idea or essential message, identifies relevant supporting details and facts, and arranges events in chronological order. [LA.A.2.2.1]
- **Grades 3-5 – Benchmark:** selects and uses a variety of appropriate reference materials, including multiple representations of information, such as maps, charts and photos, to gather information for research projects. [LA.A.2.2.8]
- **Grades 6-8 – Benchmark:** locates, organizes, and interprets written information for a variety of purposes, including classroom research, collaborative decision making, and performing a school or real-world task. [LA.A.2.3.5]
- **Grades 6-8 – Benchmark:** uses a variety of reference materials, including indexes, magazines, newspapers, and journals; and tools, including card catalogs and computer catalogs, to gather information for research topics. [LA.A.2.3.6]

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]

Subject Area: Science

Strand: Processes that Shape the Earth

Standard 1: The student recognizes that processes in the lithosphere, atmosphere, hydrosphere, and biosphere interact to shape the Earth.

- **Grades PreK-2 and Grades 3-5:** No applicable benchmarks
- **Grades 6-8 – Benchmark:** knows that over the whole Earth, organisms are growing, dying, and decaying as new organisms are produced by the old ones. [SC.D.1.3.2]

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 PreK-2** – Benchmark: compares and describes the structural characteristics of plants and animals. [SC.F.1.1.5]
- **Grades 3-5** and **Grades 6-8:** 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:** No applicable benchmark
- **Grades 3-5** – Benchmark: knows that organisms are growing, dying, and decaying and that new organisms are being produced from the materials of dead organisms. [SC.G.1.2.6]
- **Grades 6-8** – Benchmark: knows that the interactions of organisms with each other and with the nonliving parts of their environments result in the flow of energy and the cycling of matter throughout the system. [SC.G.1.3.4]

Strand: The Nature of Science

Standard 2: The student understands that most natural events occur in comprehensible, consistent patterns.

- **Grades PreK-2:** No applicable benchmark
- **Grades 3-5** – Benchmark: knows that natural events are often predictable and logical. [SC.H.2.2.1]
- **Grades 6-8:** No applicable benchmark

Subject Area: The Arts – Theatre**Strand: Skills and Techniques**

Standard 1: The student acts by developing, communicating, and sustaining characters in improvisation and formal or informal productions.

- **Grades PreK-2** – Benchmark: creates, individually and in groups, animate and inanimate objects through the movement of the human body (e.g., pantomimes living and nonliving objects such as rocks, trees, and celestial objects). [TH.A.1.1.2]
- **Grades 3-5** and **Grades 6-8:** No applicable benchmarks

Subject Area: The Arts – Visual Arts

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 how different subjects, themes, and symbols (through context, value, and aesthetics) convey intended meanings or ideas in works of art.