

Florida Project Learning Tree Sunshine State Standards linkages for grade 3-5, 6-8, and 9-12: THE FALLEN LOG (#23; pp. 72-74 in old edition *PreK-8 Activity Guide*; pp. 105-107 new edition)

Subject Area: Language Arts

Strand: Writing

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

- **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]

Subject Area: Science

Strand: The Nature of Matter

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

- **Grades 3-5** – Benchmark: determines that the properties of materials (e.g., density and volume) can be compared and measured (e.g., using rulers, balances, and thermometers). [SC.A.1.2.1]
- **Grades 6-8** – Benchmark: identifies various ways in which substances differ (e.g., mass, volume, shape, density, texture, and reaction to temperature and light). [SC.A.1.3.1]
- **Grades 9-12:** No applicable benchmark

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 3-5:** No applicable benchmark
- **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]
- **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 3-5** – Benchmark: knows ways that plants, animals, and protists interact. [SC.G.1.2.1]
- **Grades 3-5** – Benchmark: knows that some organisms decompose dead plants and animals into simple minerals and nutrients for use by living things and thereby recycle matter. [SC.G.1.2.4]
- **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 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** – 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]
- **Grades 9-12** – Benchmark: knows of the great diversity and interdependence of living things. [SC.G.1.4.1]
- **Grades 9-12** – Benchmark: understands how the flow of energy through an ecosystem made up of producers, consumers, and decomposers carries out the processes of life and that some energy dissipates as heat and is not recycled. [SC.G.1.4.2]

Strand: The Nature of Science

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

- **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: The Arts – Visual Arts

Strand: Skills and Techniques

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

- **Grades 3-5** and **Grades 6-8:** No applicable benchmarks

- **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. (met during “Assessment” segment of activity) [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 3-5** – Benchmark: understands that subject matter used to create unique works of art can come from personal experience, observation, imagination, and themes. (met during “Assessment” segment of activity) [VA.B.1.2.1]
- **Grades 6-8** – Benchmark: knows how the qualities and characteristics of art media, techniques, and processes can be used to enhance communication of experiences and ideas. (met during “Assessment” segment of activity) [VA.B.1.3.2]
- **Grades 9-12:** No applicable benchmark