

**Florida Project Learning Tree Sunshine State Standards linkages for grades PreK-2, 3-5, and 6-8: SIGNS OF FALL (#78; pp. 299-301 in old edition *PreK-8 Activity Guide*; pp. 337-340 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]

**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 PreK-2 – Benchmark:** retells specific details of information heard, including sequence of events. [LA.C.1.1.4]
- **Grades 3-5 – Benchmark:** responds to speakers by asking questions, making contributions, and paraphrasing what is said. [LA.C.1.2.5]
- **Grades 6-8 – Benchmark:** uses responsive listening skills, including paraphrasing, summarizing, and asking questions for elaboration and clarification. [LA.C.1.3.4]

**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 PreK-2 – Benchmark:** verifies that things can be done to materials to change some of their physical properties (e.g., cutting, heating, and freezing), but not all materials respond the same way (e.g., heating causes water to boil and sugar to melt). [SC.A.1.1.3]
- **Grades 3-5 and Grades 6-8:** No applicable benchmarks

### **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]
- **Grades 6-8 – Benchmark:** knows the ways in which plants and animals reshape the landscape (e.g., bacteria, fungi, worms, rodents, and other organisms add organic matter to the soil, increasing soil fertility, encouraging plant growth, and strengthening resistance to erosion). [SC.D.1.3.4]

### **Strand: Earth and Space**

**Standard 1:** The student understands the interaction and organization in the Solar System and the universe and how this affects life on Earth.

- **Grades PreK-2:** No applicable benchmark
- **Grades 3-5 – Benchmark:** knows that the tilt of the Earth on its own axis as it rotates and revolves around the sun causes changes in season, length of day, and energy available. [SC.E.1.2.1]

### **Strand: Processes of Life**

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

- **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 benchmarks

### **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 living things compete in a climatic region with other living things and that structural adaptations make them fit for an environment. [SC.G.1.2.2]
- **Grades 3-5 – Benchmark:** knows that green plants use carbon dioxide, water, and sunlight energy to turn minerals and nutrients into food for growth, maintenance, and reproduction. [SC.G.1.2.3]
- **Grades 6-8 – Benchmark:** knows that biological adaptations include changes in structures, behaviors, or physiology that enhance reproductive success in a particular environment. [SC.G.1.3.2]

**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:** No applicable benchmark

**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:** No applicable benchmark