

Florida Project Learning Tree Sunshine State Standards linkages for grades PreK-2, 3-5, and 6-8: TREE COOKIES (#76; pp. 289-292 in old edition *PreK-8 Activity Guide*; pp. 327-331 new edition)

Subject Area: Language Arts

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: 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 3-5:** Benchmark: responds to speakers by asking questions, making contributions, and paraphrasing what is said. (met during “Assessment” segment of activity) [LA.C.1.2.5]
 - **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]

Subject Area: Mathematics

Strand: Number Sense, Concepts, and Operations

- Standard 1:** The student understands the different ways numbers are represented and used in the real world.
- **Grades PreK-2:** Benchmark: uses objects to represent whole numbers or commonly used fractions and relates these numbers to real-world situations. [MA.A.1.1.3]
 - **Grades 3-5 and Grades 6-8:** No applicable benchmarks
- Standard 4:** The student use estimation in problem solving and computation.
- **Grades PreK-2:** Benchmark: provides and justifies estimates for real-world quantities. [MA.A.4.1.1]
 - **Grades 3-5:** Benchmark: uses and justifies different estimation strategies in a real-world problem situation and determines the reasonableness of results of calculations in a given problem situation. [MA.A.4.2.1]
 - **Grades 6-8:** Benchmark: uses estimation strategies to predict results and to check the reasonableness of results. [MA.A.4.3.1]

Subject Area: Science

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: understands that structures of living things are adapted to their function in specific environments. [SC.F.1.1.4]
- **Grades PreK-2:** Benchmark: compares and describes the structural characteristics of plants and animals. [SC.F.1.1.5]
- **Grades 3-5:** No applicable benchmark
- **Grades 6-8:** Benchmark: knows that behavior is a response to the environment and influences growth, development, maintenance, and reproduction. [SC.F.1.3.7]

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 ways that plants, animals, and protists interact. [SC.G.1.2.1]
- **Grades 6-8:** No applicable benchmark

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 doing science, it is often helpful to work with a team and to share findings with others. [SC.H.1.1.3]
- **Grades PreK-2 – Benchmark:** knows that people use scientific processes including hypotheses, making inferences, and recording and communicating data when exploring the natural world. [SC.H.1.1.4]
- **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 3-5 – Benchmark:** knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions. [SC.H.1.2.3]

- **Grades 3-5** – Benchmark: knows that a model of something is different from the real thing, but can be used to learn something about the real thing. [SC.H.1.2.5]

- **Grades 6-8**: No applicable benchmark

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

- **Grades PreK-2 and Grades 3-5**: No applicable benchmarks
- **Grades 6-8**: Benchmark: recognizes that patterns exist within and across systems. [SC.H.2.3.1]

Standard 3: The student understands that science, technology, and society are interwoven and interdependent.

- **Grades PreK-2**: No applicable benchmark
- **Grades 3-5**: Benchmark: knows that data are collected and interpreted in order to explain an event or concept. [SC.H.3.2.2]
- **Grades 6-8**: No applicable benchmark

Subject Area: Social Studies

Strand: Time, Continuity, and Change [History]

Standard 1: The student understands historical chronology and the historical perspective.

- **Grades PreK-2**: Benchmark: compares everyday life in different places and times and understands that people, places, and things change over time. [SS.A.1.1.1]
- **Grades PreK-2**: Benchmark: understands that history tells the story of people and events of other times and places. [SS.A.1.1.2]
- **Grades PreK-2**: Benchmark: understands broad categories of time (e.g., past, present, and future: yesterday, today, and tomorrow) and calendar time (days, weeks, months, and years). [SS.A.1.1.4]
- **Grades 3-5**: Benchmark: uses a variety of methods and sources to understand history (such as interpreting diaries, letters, newspapers; and reading maps and graphs) and knows the difference between primary and secondary sources. [SS.A.1.2.2]
- **Grades 6-8**: Benchmark: knows how to impose temporal structure on historical narratives. [SS.A.1.3.3]

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 and Grades 6-8:** No applicable benchmarks

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:** No applicable benchmark