

**Florida Project Learning Tree Sunshine State Standards linkages for grades PreK-2, 3-5, and 6-8: TREE FACTORY (#63; pp. 223-227 in old edition *PreK-8 Activity Guide*; pp. 269-272 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 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: listens attentively to the speaker, including making eye contact and facing the speaker. [LA.C.1.2.4]
- **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: Science**

**Strand: Energy**

**Standard 1:** The student recognizes that energy may be changed in form with varying efficiency.

- **Grades PreK-2:** No applicable benchmark
- **Grades 3-5** – Benchmark: knows how to trace the flow of energy in a system (e.g., as in an ecosystem). [SC.B.1.2.1]
- **Grades 3-5** – Benchmark: knows the many ways in which energy can be transformed from one type to another. [SC.B.1.2.4]
- **Grades 6-8:** No applicable benchmark

**Strand: Processes of Life**

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

- **Grades PreK-2** – Benchmark: knows the basic needs of all living things. [SC.F.1.1.1]
- **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: understands that living things are composed of major systems that function in reproduction, growth, maintenance, and regulation. [SC.F.1.3.1]

### **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 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:** No applicable benchmark

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

## **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 imagined characters, relationships, and environments, using basic acting skills (e.g., sensory recall, concentration, pantomime, and vocal improvisation). [TH.A.1.1.1]
- **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 non-living objects such as rocks, trees, and celestial objects). [TH.A.1.1.2]
- **Grades 3-5 – Benchmark:** creates imagined characters, relationships, and environments, using basic acting skills (e.g., breath control, diction, concentration, and control of isolated body parts). [TH.A.1.2.1]
- **Grades 6-8:** No applicable benchmark

## **Subject Area: Health & Physical Education – Physical Education**

### **Strand: Responsible Physical Activity Behaviors**

**Standard 2:** The student demonstrates responsible personal and social behavior in physical activity.

- **Grades PreK-2** – Benchmark: understands the importance of being aware of one’s surroundings and acting in a safe manner while participating in physical activity settings. [PE.B.2.1.1]
- **Grades PreK-2** – Benchmark: follows directions given by instructor or group leader. [PE.B.2.1.2]
- **Grades 3-5** and **Grades 6-8:** No applicable benchmark