

Florida Project Learning Tree Sunshine State Standards linkages for grades PreK-2, 3-5, and 6-8: HAVE SEEDS, WILL TRAVEL (#43; pp. 139-141 in old edition *PreK-8 Activity Guide*; pp. 185-187 new edition)

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: recognizes that the same material can exist in different states. [SC.A.1.1.2]
- **Grades 3-5 and Grades 6-8:** No applicable benchmarks

Strand: Processes of Life

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

- **Grades PreK-2** – Benchmark: understands that structures of living things are adapted to their function in specific environments. [SC.F.1.1.4]
- **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 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 biological adaptations include changes in structures, behaviors, or physiology that enhance reproductive success in a particular environment. [SC.G.1.3.2]
- **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]

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. (met during “Enrichment” segment of activity) [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. (met during “Enrichment” segment of activity) [VA.A.1.2.1]
- **Grades 6-8** – Benchmark: creates two-dimensional and three-dimensional works of art that reflect competency and craftsmanship. (met during “Enrichment” segment of activity) [VA.A.1.3.4]