

Florida Project Learning Tree Sunshine State Standards linkages for grades 3-5, 6-8, and 9-12: CHARTING DIVERSITY (#10; pp. 27-29 in old edition *PreK-8 Activity Guide*; pp. 50-53 new edition)

Subject Area: Language Arts

Strand: Reading

Standard 2: The student constructs meaning from a wide range of texts.

- **Grades 3-5** – Benchmark: selects and uses a variety of appropriate reference materials, including multiple representations of information, such as maps, charts and photos, to gather information for research projects. [LA.A.2.2.8]
- **Grades 6-8** – Benchmark: uses a variety of reference materials, including indexes, magazines, newspapers, and journals; and tools, including card catalogs and computer catalogs, to gather information for research topics. [LA.A.2.3.6]
- **Grades 9-12** – Benchmark: selects and uses appropriate study and research skills and tools according to the type of information being gathered or organized, including almanacs, government publications, microfiche, news sources, and information services. [LA.A.2.4.6]

Subject Area: Science

Strand: Processes of Life

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

- **Grades 3-5** – Benchmark: knows that living things are different but share similar structures. [SC.F.1.2.3]
- **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]
- **Grades 9-12:** No applicable benchmark

Standard 2: The student understands the process and importance of genetic diversity.

- **Grades 3-5** – Benchmark: knows that many characteristics of an organism are inherited from the parents of the organism, but that other characteristics are learned from an individual's interactions with the environment. [SC.F.2.2.1]
- **Grades 6-8 and Grades 9-12:** 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 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: understands that the classification of living things is based on a given set of criteria and is a tool for understanding biodiversity and interrelationships. [SC.G.1.3.3]
- **Grades 9-12** – Benchmark: knows of the great diversity and interdependence of living things. [SC.G.1.4.1]