

Florida Project Learning Tree Sunshine State Standards linkages for grades 3-5 and 6-8: OUR CHANGING WORLD (#86; pp. 328-330 in old edition *PreK-8 Activity Guide*; pp. 375-377 new edition)

Subject Area: Language Arts

Strand: Reading

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

- **Grades 3-5** – Benchmark: reads and organizes information for a variety of purposes, including making a report, conducting interviews, taking a test, and performing an authentic task. [LA.A.2.2.5]
- **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. (met during “Enrichment” segment of activity) [LA.A.2.2.8]
- **Grades 6-8** – Benchmark: locates, organizes, and interprets written information for a variety of purposes, including classroom research, collaborative decision making, and performing a school or real-world task. [LA.A.2.3.5]
- **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. (met during “Enrichment” segment of activity) [LA.A.2.3.6]

Strand: Listening, Viewing, and Speaking

Standard 3: The student uses speaking strategies effectively.

- **Grades 3-5** – Benchmark: asks questions and makes comments and observations to clarify understanding of content, processes, and experiences. [LA.C.3.2.2]
- **Grades 3-5** – Benchmark: speaks for specific occasions, audiences, and purposes, including conversations, discussions, projects, and informational or imaginative presentations. [LA.C.3.2.3]
- **Grades 6-8** – Benchmark: asks questions and makes comments and observations that reflect understanding and application of content, processes, and experiences. [LA.C.3.3.2]
- **Grades 6-8** – Benchmark: speaks for various occasions, audiences, and purposes, including conversations, discussions, projects, and informational, persuasive, or technical presentations. [LA.C.3.3.3]

Subject Area: Science

Strand: Energy

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

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

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 3-5:** No applicable benchmark
- **Grades 6-8** – Benchmark: knows how conditions that exist in one system influence the conditions that exist in other systems. [SC.D.1.3.3]

Standard 2: The student understands the need for protection of the natural systems on Earth.

- **Grades 3-5:** No applicable benchmark
- **Grades 6-8** – Benchmark: knows the positive and negative consequences of human action on the Earth's systems. [SC.D.2.3.2]

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 ways that plants, animals, and protists interact. [SC.G.1.2.1]
- **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]

Standard 2: The student understands the consequences of using limited natural resources.

- **Grades 3-5** – Benchmark: understands that changes in the habitat of an organism may be beneficial or harmful. [SC.G.2.2.3]
- **Grades 6-8** – Benchmark: knows that all biotic and abiotic factors are interrelated and that if one factor is changed or removed, it impacts the availability of other resources within the system. [SC.G.2.3.2]
- **Grades 6-8** – Benchmark: understands that humans are a part of an ecosystem and their activities may deliberately or inadvertently alter the equilibrium in ecosystems. [SC.G.2.3.4]

Strand: The Nature of Science

Standard 1: The student uses the scientific processes and habits of mind to solve problems.

- **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: Social Studies

Strand: People, Places, and Environments (Geography)

Standard 2: The student understands the interactions of people and the physical environment.

- **Grades 3-5** – Benchmark: understands how human activity affects the physical environment. [SS.B.2.2.3]
- **Grades 6-8** – Benchmark: understands the environmental consequences of people changing the physical environment in various world locations. [SS.B.2.3.6]