

Florida Project Learning Tree Sunshine State Standards linkages for grades 3-5, 6-8, and 9-12: WEB OF LIFE (#45; pp. 148-150 in old edition *PreK-8 Activity Guide*; pp. 194-196 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 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 9-12** – Benchmark: locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement. [LA.A.2.4.4]

Strand: Listening, Viewing, and Speaking

Standard 3: The student uses speaking strategies effectively.

- **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: speaks for various occasions, audiences, and purposes, including conversations, discussions, projects, and informational, persuasive, or technical presentations. [LA.C.3.3.3]
- **Grades 9-12:** No applicable benchmark

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 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 ways that plants, animals, and protists interact. [SC.G.1.2.1]
- **Grades 3-5** – Benchmark: knows that animals eat plants or other animals to acquire the energy they need for survival. [SC.G.1.2.5]

- **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]
- **Grades 9-12** – Benchmark: knows of the great diversity and interdependence of living things. [SC.G.1.4.1]
- **Grades 9-12** – Benchmark: understands how the flow of energy through an ecosystem made up of producers, consumers, and decomposers carries out the processes of life and that some energy dissipates as heat and is not recycled. [SC.G.1.4.2]

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

- **Grades 3-5:** No applicable benchmark
- **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: knows that a brief change in the limited resources of an ecosystem may alter the size of a population or the average size of individual organisms and that long-term change may result in the elimination of animal and plant populations inhabiting the Earth. [SC.G.2.3.3]
- **Grades 9-12:** No applicable benchmark

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 and Grades 9-12:** No applicable benchmarks

Subject Area: The Arts –Visual Arts

Strand: Skills and Techniques

Standard 1: The student understands and applies media, techniques, and processes.

- **Grades 3-5 and Grades 6-8:** No applicable benchmarks
- **Grades 9-12** – Benchmark: uses two-dimensional and three-dimensional media, techniques, tools, and processes to communicate an idea or concept based on research, environment, personal experience, observation, or imagination. [VA.A.1.4.1]

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 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** – Benchmark: knows how the qualities and characteristics of art media, techniques, and processes can be used to enhance communication of experiences and ideas. [VA.B.1.3.2]
- **Grades 9-12:** No applicable benchmark