

**Florida Project Learning Tree Sunshine State Standards linkages for grades 3-5 and 6-8: LIFE ON THE EDGE (#88; pp. 335-339 in old edition *PreK-8 Activity Guide*; pp. 382-386 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. [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. [LA.A.2.3.6]

**Strand: Writing**

**Standard 2:** The student writes to communicate ideas and information effectively.

- **Grades 3-5** – Benchmark: writes notes, comments, and observations that reflect comprehension of content and experiences from a variety of media. [LA.B.2.2.1]
- **Grades 3-5** – Benchmark: writes for a variety of occasions, audiences, and purposes. [LA.B.2.2.3]
- **Grades 3-5** – Benchmark: creates expository responses in which ideas and details follow an organizational pattern and are relevant to the purpose. [LA.B.2.2.6]
- **Grades 6-8** – Benchmark: writes text, notes, outlines, comments, and observations that demonstrate comprehension of content and experiences from a variety of media. [LA.B.2.3.1]
- **Grades 6-8** – Benchmark: selects and uses appropriate formats for writing, including narrative, persuasive, and expository formats, according to the intended audience, purpose, and occasion. [LA.B.2.3.3]

### **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]

### **Strand: Language**

**Standard 2:** The student understands the power of language.

- **Grades 3-5** – Benchmark: recognizes different techniques used in media messages and their purposes. [LA.D.2.2.3]
- **Grades 3-5** – Benchmark: selects and uses appropriate technologies to enhance efficiency and effectiveness of communication. [LA.D.2.2.4]
- **Grades 6-8** – Benchmark: selects language that shapes reactions, perceptions, and beliefs. [LA.D.2.3.1]
- **Grades 6-8** – Benchmark: understands how the multiple media tools of graphics, pictures, color, motion, and music can enhance communication in television, film, radio, and advertising. [LA.D.2.3.4]

## **Subject Area: Science**

### **Strand: Processes that Shape the Earth**

**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 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 6-8:** No applicable benchmark

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

- **Grades 3-5** – Benchmark: knows that all living things must compete for Earth's limited resources; organisms best adapted to compete for the available resources will be successful and pass their adaptations (traits) to their offspring. [SC.G.2.2.1]

- **Grades 3-5** – Benchmark: knows that the size of a population is dependent upon the available resources within its community. [SC.G.2.2.2]
- **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: 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 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 to compare and contrast observations and results is an essential skill in science. [SC.H.1.2.4]
- **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** – Benchmark: knows that a change in one or more variables may alter the outcome of an investigation. [SC.H.1.3.5]

**Standard 3:** The student understands that science, technology, and society are interwoven and interdependent.

- **Grades 3-5** – Benchmark: knows that through the use of science processes and knowledge, people can solve problems, make decisions, and form new ideas. [SC.H.3.2.4]
- **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]
- **Grades 6-8** – Benchmark: knows how various human systems throughout the world have developed in response to conditions in the physical environment. [SS.B.2.3.7]