

**Florida Project Learning Tree Sunshine State Standards linkages for grades 3-5 and 6-8: WATER WONDERS (#44; pp. 142-147 in old edition *PreK-8 Activity Guide*; pp. 188-193 new edition)**

**Subject Area: Language Arts**

**Strand: Writing**

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

- **Grades 3-5** – Benchmark: creates narratives in which ideas, details, and events are in a logical order and are relevant to the story line. [LA.B.2.2.5]
- **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]

**Subject Area: Science**

**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** – Benchmark: knows that 75 percent of the surface of the Earth is covered by water. [SC.D.1.2.2]
- **Grades 3-5** – Benchmark: knows that the water cycle is influenced by temperature, pressure, and the topography of the land. [SC.D.1.2.3]
- **Grades 3-5** – Benchmark: knows that the surface of the Earth is in a continuous state of change as waves, weather, and shifts of the land constantly change and produce many new features. [SC.D.1.2.4]
- **Grades 3-5** – Benchmark: knows that some changes in the Earth's surface are due to slow processes and some changes are due to rapid processes. [SC.D.1.2.5]
- **Grades 6-8** – Benchmark: knows that mechanical and chemical activities shape and reshape the Earth's land surface by eroding rock and soil in some areas and depositing them in other areas, sometimes in seasonal layers. [SC.D.1.3.1]
- **Grades 6-8** – Benchmark: knows the ways in which plants and animals reshape the landscape (e.g., bacteria, fungi, worms, rodents, and other organisms add organic matter to the soil, increasing soil fertility, encouraging plant growth, and strengthening resistance to erosion). [SC.D.1.3.4]

**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:** No applicable benchmark
- **Grades 6-8 – Benchmark:** knows that the interactions of organisms with each other and with the non-living 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: Social Studies**

**Strand: People, Places, and Environments (Geography)**

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

- **Grades 3-5:** No applicable benchmark
- **Grades 6-8 – Benchmark:** understands the environmental consequences of people changing the physical environment in various world locations. {SS.B.2.3.6}

**Subject Area: Health & Physical Education – Physical Education**

**Strand: Physical Education Literacy**

**Standard 1:** The student demonstrates competency in many movement forms and proficiency in a few forms of physical activity.

- **Grades 3-5 – Benchmark:** understands that games consist of people, boundaries, equipment, purpose, and rules which all interrelate during game play. [PE.A.1.2.4]
- **Grades 6-8:** No applicable benchmark