

**Florida Project Learning Tree Sunshine State Standards linkages for grades 3-5 and 6-8: A LOOK AT ALUMINUM (#52; pp. 180-184 in old edition *PreK-8 Activity Guide*; pp. 228-231 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 text and determines the main idea or essential message, identifies relevant supporting details and facts, and arranges events in chronological order. [LA.A.2.2.1]
- **Grades 6-8** – Benchmark: determines the main idea or essential message in a text and identifies relevant details and facts and patterns of organization. [LA.A.2.3.1]

**Subject Area: Science**

**Strand: The Nature of Matter**

**Standard 1:** The student understands that all matter has observable, measurable properties.

- **Grades 3-5** – Benchmark: knows that different materials are made by physically combining substances and that different objects can be made by combining different materials. [SC.A.1.2.4]
- **Grades 6-8:** No applicable benchmark

**Strand: Energy**

**Standard 2:** The student understands the interaction of matter and energy.

- **Grades 3-5** – Benchmark: knows that the limited supply of usable energy sources (e.g., fuels such as coal or oil) places great significance on the development of renewable energy sources. [SC.B.2.2.3]
- **Grades 6-8:** No applicable benchmark

**Strand: Processes that Shape the Earth**

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

- **Grades 3-5** – Benchmark: knows that using, recycling, and reducing the use of natural resources improve and protect the quality of life. [SC.D.2.2.1]
- **Grades 6-8** – Benchmark: knows the positive and negative consequences of human action on the Earth's systems. [SC.D.2.3.2]

## **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:** No applicable benchmark