

**Florida Project Learning Tree Sunshine State Standards linkages for grades PreK-2, 3-5, and 6-8: POLLUTION SEARCH (#36; pp. 114-118 in old edition *PreK-8 Activity Guide*; pp. 153-158 new edition)**

**Subject Area: Language Arts**

**Strand: Literature**

**Standard 2:** The student responds critically to fiction, nonfiction, poetry and drama.

- **Grades PreK-2** – Benchmark: uses personal perspective in responding to a work of literature, such as relating characters and simple events in a story or biography to people or events in his or her own life. [LA.E.2.1.1]
- **Grades 3-5** – Benchmark: responds to a work of literature by explaining how the motives of the characters or the causes of events compare with those in his or her own life. [LA.E.2.2.3]
- **Grades 6-8:** No applicable benchmark

**Subject Area: Mathematics**

**Strand: Data Analysis and Probability**

**Standard 1:** The student understands and uses the tools of data analysis for managing information.

- **Grades PreK-2 and Grades 3-5:** No applicable benchmarks
- **Grades 6-8** – Benchmark: collects, organizes, and displays data in a variety of forms, including tables, line graphs, charts, bar graphs, to determine how different ways of presenting data can lead to different interpretations. [MA.E.1.3.1]

**Standard 3:** The student uses statistical methods to make inferences and valid arguments about real-world situations.

- **Grades PreK-2:** No applicable benchmark
- **Grades 3-5** – Benchmark: designs experiments to answer class or personal questions, collects information, and interprets the results using statistics (range, mean, median, and mode) and pictographs, charts, bar graphs, circle graphs, and line graphs. [MA.E.3.2.1]

**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 PreK-2** – Benchmark: understands that people influence the quality of life of those around them. [SC.D.2.1.1]
- **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]

**Strand: How Living Things Interact with Their Environment**

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

- **Grades PreK-2** – Benchmark: knows that the activities of humans affect plants and animals in many ways. [SC.G.2.1.2]
- **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: 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]

**Subject Area: Social Studies**

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

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

- **Grades PreK-2:** No applicable benchmark
- **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]