

Florida Project Learning Tree Sunshine State Standards linkages for grades 6-8 and 9-12: AIR WE BREATHE (#72; pp. 265-273 in old edition *PreK-8 Activity Guide*; pp. 308-313 new edition)

Subject Area: Language Arts

Strand: Writing

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

- **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 9-12** – Benchmark: writes text, notes, outlines, comments, and observations that demonstrate comprehension and synthesis of content, processes, and experiences from a variety of media. [LA.B.2.4.1]

Strand: Listening, Viewing, and Speaking

Standard 3: The student uses speaking strategies effectively.

- **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** – Benchmark: uses details, illustrations, analogies, and visual aids to make oral presentations that inform, persuade, or entertain. [LA.C.3.4.3]

Subject Area: Science

Strand: The Nature of Matter

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

- **Grades 6-8** – Benchmark: knows that atoms in solids are close together and do not move around easily; in liquids, atoms tend to move farther apart; in gas, atoms are quite far apart and move around freely. [SC.A.1.3.4]
- **Grades 9-12:** 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 6-8** – Benchmark: knows the positive and negative consequences of human action on the Earth's systems. [SC.D.2.3.2]
- **Grades 9-12:** No applicable benchmark

Strand: How Living Things Interact with Their Environment

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

- **Grades 6-8:** No applicable benchmark
- **Grades 9-12** – Benchmark: knows the ways in which humans today are placing their environmental support systems at risk (e.g., rapid human population growth, environmental degradation, and resource depletion). [SC.G.2.4.6]

Strand: The Nature of Science

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

- **Grades 6-8:** No applicable benchmark
- **Grades 9-12** – Benchmark: knows that scientists can bring information, insights, and analytical skills to matters of public concern and help people understand the possible causes and effects of events. [SC.H.3.4.3]

Subject Area: Social Studies

Strand: People, Places, and Environments (Geography)

Standard 1: The student understands the world in spatial terms.

- **Grades 6-8** – Benchmark: uses various map forms (including thematic maps) and other geographic representations, tools, and technologies to acquire, process, and report geographic information including patterns of land use, connections between places, and patterns and processes of migration and diffusion. [SS.B.1.3.1]
- **Grades 9-12:** No applicable benchmark