

Florida Project Learning Tree Sunshine State Standards linkages for grades 6-8 and 9-12: RAIN REASONS (#29; pp. 88-92 in old edition PreK-8 Activity Guide; pp. 123-129 new edition)

Subject Area: Language Arts

Strand: Reading

Standard 2: The student constructs meaning from a wide range of texts.

- **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. [L.A.A.2.3.5]
- **Grades 9-12** – Benchmark: locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement. [L.A.A.2.4.4]

Subject Area: Mathematics

Strand: Measurement

Standard 2: The student compares, contrasts, and converts within systems of measurement (both standard/nonstandard and metric/customary).

- **Grades 6-8** – Benchmark: uses direct (measured) and indirect (not measured) measures to compare a given characteristic in either metric or customary units. [MA.B.2.3.1]
- **Grades 9-12** – Benchmark: selects and uses direct (measured) or indirect (not measured) methods of measurement as appropriate. [MA.B.2.4.1]

Subject Area: Science

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 6-8:** No applicable benchmark
- **Grades 9-12** – Benchmark: knows of the great diversity and interdependence of living things. [SC.G.1.4.1]

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

- **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: 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]

- **Grades 9-12** – Benchmark: understands that the amount of life any environment can support is limited and that human activities can change the flow of energy and reduce the fertility of the Earth. [SC.G.2.4.5]

Strand: The Nature of Science

Standard 1: The student uses the scientific processes and habits of mind to solve problems.

- **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]
- **Grades 9-12:** No applicable benchmark

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

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

- **Grades 6-8** – Benchmark: understands how cultures differ in their use of similar environments and resources. [SS.B.2.3.3]
- **Grades 6-8** – Benchmark: understands the environmental consequences of people changing the physical environment in various world locations. [SS.B.2.3.6]
- **Grades 9-12** – Benchmark: understands the global impact of human changes in the physical environment. [SS.B.2.4.4]