

Florida Project Learning Tree Sunshine State Standards linkages for grades 6-8 and 9-12: 400-ACRE WOOD (#50: pp. 169-175 in old edition *PreK-8 Activity Guide*; pp. 217-223 new edition and #5; pp. 42-49 in *Introductory Handbook for the Secondary Modules*)

Subject Area: Language Arts

Strand: Listening, Viewing, and Speaking

Standard 1: The student uses listening strategies effectively.

- **Grades 6-8:** No applicable benchmark
- **Grades 9-12 – Benchmark:** uses effective strategies for informal and formal discussions, including listening actively and reflectively, connecting to and building on the ideas of a previous speaker, and respecting the viewpoints of others. [LA.C.1.4.3]

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]
- **Grades 9-12 – Benchmark:** develops and sustains a line of argument and provides appropriate support. [LA.C.3.4.5]

Subject Area: Mathematics

Strand: Number Sense, Concepts, and Operations

Standard 3: The student understands the effects of operations on numbers and the relationships among these operations, selects appropriate operations, and computes for problem solving.

- **Grades 6-8 – Benchmark:** adds, subtracts, multiplies, and divides whole numbers, decimals, and fractions, including mixed numbers, to solve real-world problems, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator. [MA.A.3.3.3]
- **Grades 9-12 – Benchmark:** adds, subtracts, multiplies, and divides real numbers, including square roots and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator. [MA.A.3.4.3]

Strand: Measurement

Standard 3: The student estimates measurements in real-world problem situations.

- **Grades 6-8** – Benchmark: solves real-world and mathematical problems involving estimates of measurements including length, time, weight/mass, temperature, money, perimeter, area, and volume, in either customary or metric units. [MA.B.3.3.1]
- **Grades 9-12** – Benchmark: solves real-world and mathematical problems involving estimates of measurements, including length, time, weight/mass, temperature, money, perimeter, area, and volume, and estimates the effects of measurement errors on calculations. [MA.B.3.4.1]

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 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** – 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: 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]

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 the environmental consequences of people changing the physical environment in various world locations. [SS.B.2.3.6]
- **Grades 9-12:** No applicable benchmark

Strand: Economics

Standard 1: The student understands how scarcity requires individuals and institutions to make choices about how to use resources.

- **Grades 6-8** – Benchmark: understands the variety of factors necessary to consider when making wise consumer decisions. [SS.D.1.3.3]
- **Grades 9-12** – Benchmark: understands how many financial and nonfinancial factors (e.g., cultural traditions, profit, and risk) motivate consumers, producers, workers, savers, and investors to allocate their scarce resources differently. [SS.D.1.4.1]