

Florida Project Learning Tree Sunshine State Standards linkages for grades PreK-2, 3-5, 6-8, and 9-12: TREES AS HABITATS (#22; pp. 70-71 in *PreK-8 Activity Guide*; pp. 102-104 new edition and #3; pp. 34-35 in *Introductory Handbook for the Secondary Modules*)

Subject Area: Language Arts

Strand: Writing

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

- **Grades PreK-2:** No applicable benchmark
- **Grades 3-5** – Benchmark: writes notes, comments, and observations that reflect comprehension of content and experiences from a variety of media. [LA.B.2.2.1]
- **Grades 3-5** – Benchmark: writes for a variety of occasions, audiences, and purposes. [LA.B.2.2.3]
- **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 PreK-2:** No applicable benchmark
- **Grades 3-5** – Benchmark: speaks for specific occasions, audiences, and purposes, including conversations, discussions, projects, and informational or imaginative presentations. [LA.C.3.2.3]
- **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: Mathematics

Strand: Data Analysis and Probability

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

- **Grades PreK-2:** No applicable benchmark
- **Grades 3-5 – Benchmark:** solves problems by generating, collecting, organizing, displaying, and analyzing data using histograms, bar graphs, circle graphs, line graphs, pictographs, and charts. [MA.E.1.2.1]
- **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]
- **Grades 9-12 – Benchmark:** interprets data that has been collected, organized, and displayed in charts, tables, and plots. [MA.E.1.4.1]

Subject Area: Science

Strand: The Nature of Matter

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

- **Grades PreK-2 – Benchmark:** knows that objects can be described, classified, and compared by their composition (e.g., wood or metal) and their physical properties (e.g., color, size, and shape). [SC.A.1.1.1]
- **Grades 3-5, Grades 6-8, and Grades 9-12:** No applicable benchmarks

Strand: Processes of Life

Standard 2: The student understands the process and importance of genetic diversity.

- **Grades PreK-2 – Benchmark:** knows that there are many different kinds of living things that live in a variety of environments. [SC.F.2.1.2]
- **Grades 3-5, Grades 6-8, and Grades 9-12:** No applicable benchmarks

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 PreK-2 – Benchmark:** knows that plants and animals are dependent upon each other for survival. [SC.G.1.1.2]
- **Grades PreK-2 – Benchmark:** knows that there are many different plants and animals living in many different kinds of environments (e.g., hot, cold, wet, dry, sunny, and dark). [SC.G.1.1.3]
- **Grades 3-5 – Benchmark:** knows ways that plants, animals, and protists interact. [SC.G.1.2.1]

- **Grades 3-5** – Benchmark: knows that living things compete in a climatic region with other living things and that structural adaptations make them fit for an environment. [SC.G.1.2.2]
- **Grades 6-8** – Benchmark: knows that the interactions of organisms with each other and with the nonliving parts of their environments result in the flow of energy and the cycling of matter throughout the system. [SC.G.1.3.4]
- **Grades 9-12** – Benchmark: knows of the great diversity and interdependence of living things. [SC.G.1.4.1]

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 and Grades 9-12:** No applicable benchmarks

Subject Area: The Arts – Visual Arts

Strand: Creation and Communication

Standard 1: The student creates and communicates a range of subject matter, symbols, and ideas using knowledge of structures and functions of visual arts.

- **Grades PreK-2** – Benchmark: knows a variety of purposes for creating works of art. [VA.B.1.1.3]
- **Grades 3-5, Grades 6-8, and Grades 9-12:** No applicable benchmarks