

Florida Project Learning Tree Sunshine State Standards linkages for grades 6-8 and 9-12: WATCH ON WETLANDS (#71; pp. 258-264 in old edition *PreK-8 Activity Guide*; pp. 303-307 new edition and #7; pp. 54-62 in *Introductory Handbook for the Secondary Modules*)

Subject Area: Language Arts

Strand: Reading

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

- **Grades 6-8** – Benchmark: recognizes logical, ethical, and emotional appeals in texts. [LA.A.2.3.3]
- **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. [LA.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. [LA.A.2.4.4]

Strand: Writing

Standard 1: The student uses writing processes effectively.

- **Grades 6-8** – Benchmark: organizes information before writing according to the type and purpose of writing. [LA.B.1.3.1]
- **Grades 6-8** – Benchmark: drafts and revises writing that: is focused, purposeful, and reflects insight into the writing situation; conveys a sense of completeness and wholeness with adherence to the main idea; has an organizational pattern that provides for a logical progression of ideas; has support that is substantial, specific, relevant, concrete, and/or illustrative; demonstrates a commitment to and an involvement with the subject; has clarity in presentation of ideas; uses creative writing strategies appropriate to the purpose of the paper; demonstrates a command of language (word choice) with freshness of expression; has varied sentence structure and sentences that are complete except when fragments are used purposefully; and has few, if any, convention errors in mechanics, usage, and punctuation. [LA.B.1.3.2]
- **Grades 6-8** – Benchmark: produces final documents that have been edited for: correct spelling; correct punctuation, including commas, colons, and semicolons; correct capitalization; effective sentence structure; correct common usage, including subject/verb agreement, common noun/pronoun agreement, common possessive forms, and with a variety of sentence structure, including parallel structure; and correct formatting. [LA.B.1.3.3]
- **Grades 9-12** – Benchmark: selects and uses appropriate prewriting strategies, such as brainstorming, graphic organizers, and outlines. [LA.B.1.4.1]

- **Grades 9-12** – Benchmark: drafts and revises writing that: is focused, purposeful, and reflects insight into the writing situation; has an organizational pattern that provides for a logical progression of ideas; has effective use of transitional devices that contribute to a sense of completeness; has support that is substantial, specific, relevant, and concrete; demonstrates a commitment to and involvement with the subject; uses creative writing strategies as appropriate to the purposes of the paper; demonstrates a mature command of language with freshness of expression; has varied sentence structure; has few, if any, convention errors in mechanics, usage, punctuation, and spelling. [LA.B.1.4.2]
- **Grades 9-12** – Benchmark: produces final documents that have been edited for: correct spelling; correct punctuation, including commas, colons, and common use of semicolons; correct capitalization; correct sentence formation; correct instances of possessives, subject/verb agreement, instances of noun/pronoun agreement, and the intentional use of fragments for effect; and correct formatting that appeals to readers, including appropriate use of a variety of graphics, tables, charts, and illustrations in both standard and innovative forms. [LA.B.1.4.3]

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 6-8** – Benchmark: selects and uses appropriate formats for writing, including narrative, persuasive, and expository formats, according to the intended audience, purpose, and occasion. [LA.B.2.3.3]
- **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]
- **Grades 9-12** – Benchmark: writes fluently for a variety of occasions, audiences, and purposes, making appropriate choices regarding style, tone, level of detail, and organization. [LA.B.2.4.3]

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

Subject Area: Mathematics

Strand: Measurement

Standard 4: The student selects and uses appropriate units and instruments for measurement to achieve the degree of precision and accuracy required in real-world situations.

- **Grades 6-8** – Benchmark: selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation. [MA.B.4.3.2]
- **Grades 9-12** – Benchmark: selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation. [MA.B.4.4.2]

Strand: Data Analysis and Probability

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

- **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: analyzes real-world data and makes predictions of larger populations by applying formulas to calculate measures of central tendency and dispersion using the sample population data, and using appropriate technology, including calculators and computers. [MA.E.1.4.3]

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 1: The student understands the competitive, interdependent, cyclic nature of living things in the environment.

- **Grades 6-8** – Benchmark: knows that biological adaptations include changes in structures, behaviors, or physiology that enhance reproductive success in a particular environment. [SC.G.1.3.2]
- **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: 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]
- **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: Time, Continuity, and Change (History)

Standard 6: The student understands the history of Florida and its people.

- **Grades 6-8** – Benchmark: knows how the environment of Florida has been modified by the values, traditions, and actions of various groups who have inhabited the state. [SS.A.6.3.3]
- **Grades 9-12:** No applicable benchmark

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** – Benchmark: uses a variety of maps, geographic technologies including geographic information systems (GIS) and satellite-produced imagery, and other advanced graphic representations to depict geographic problems. [SS.B.1.4.1]

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** – Benchmark: understands the global impact of human changes in the physical environment. [SS.B.2.4.4]

Strand: Government and the Citizen (Civics and Government)

Standard 2: The student understands the role of the citizen in American democracy.

- **Grades 6-8:** No applicable benchmark
- **Grades 9-12** – Benchmark: knows the points at which citizens can monitor or influence the process of public policy formation. [SS.C.2.4.7]