

Field Observation Program

Meets the Following Florida Sunshine State Standards

Eighth Grade

Processes that shape the earth

SC.D.1.3.3 Content Standard:

Conditions that exist in one system influence the conditions that exist in other systems.

SC.D.1.3.4 Content Standard:

There are ways in which plants and animals reshape the landscape (e.g., bacteria, fungi, worms, rodents, and other organisms and organic matter to the soil, increasing soil fertility, encouraging plant growth, and strengthening resistance to erosion).

SC.D.2.3.2 Content Standard:

There are positive and negative consequences of human action on the Earth's systems.

Processes of life

SC.F.2.3.3 Content Standard:

Generally organisms in a population live long enough to reproduce because they have survival characteristics.

How living things interact with their environment

SC.G.1.3.4 Content Standard:

The interaction of organisms with each other and with the non-living parts of their environments result in the flow of energy and the cycling of matter throughout the system.

SC.G.2.3.4 Content Standard:

Humans are a part of an ecosystem and their activities may deliberately or inadvertently alter the equilibrium in ecosystems.

Nature of Science

SC.H.1.3.4 Content Standard:

Accurate record keeping, openness, and replication are essential to maintaining an investigator's credibility with other scientists and society.

SC.H.2.3.1 Content Standard:

Patterns exist within and across systems.

SC.H.3.3.1 Content Standard:

Science ethics demand that scientists must not knowingly subject co-workers, students, the neighborhood, or the community to health or property risks.

SC.H.3.3.2 Content Standard:

Special care must be taken in using animals in scientific research.

Language Arts

Reading

LA.A.1.3.1 Content Standard:

Uses background knowledge of the subject and text structure knowledge to make complex predictions about content, purpose, and organization of the reading selection.

LA.A.1.3.2 Content Standard:

Uses a variety of strategies to analyze words and text, draw conclusions, use context and word structure clues, and recognize organizational patterns.

LA.A.1.3.3 Content Standard:

Demonstrates consistent and effective use of interpersonal and academic vocabularies in reading, writing, listening, and speaking.

LA.A.1.3.4 Content Standard:

Uses strategies to clarify meaning, such as rereading, note taking, summarizing, outlining, and writing a grade-level appropriate report.

LA.A.2.3.1 Content Standard:

Determines the main idea or essential message in a text and identifies details and facts and patterns of organization.

LA.A.2.3.5 Content Standard:

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.2.3.6 Content Standard:

Uses a variety of reference materials, including indexes, magazines, newspapers, and journals, and tools, including card catalogs and computer catalogs to gather information for research topics.

LA.A.2.3.7 Content Standard:

Synthesizes and separates collected information into useful components using a variety of techniques, such as source cards, note cards, spreadsheets, and outlines.

Writing

LA.B.1.3.1 Content Standard:

Organizes information before writing according to the type and purpose of writing according to the type and purpose of writing.

LA.B.1.3.2 Content Standard:

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.1.3.3 Content Standard:

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 structures, including parallel structure; and correct formatting.

LA.B.2.3.1 Content Standard:

Writes text, notes, outlines, comments, and observations that demonstrate comprehension of content and experiences from a variety of media.

LA.B.2.3.4 Content Standard:

Uses electronic technology including databases and software to gather information and communicate new knowledge.

Listening

LA.C.1.3.1 Content Standard:

Listens and uses information gained for a variety of purposes, such as gaining information from interviews, following directions, and pursuing a personal interest.

LA.C.2.1.1 Content Standard:

Determines the main idea in a nonprint communication.