

SYNOPSIS OF PROGRAM

Students pre-Kindergarten through grade 3 will learn about the marsh environment, its use in the past and the plants and animals that live there.

Correlation with South Carolina Standards

SOCIAL STUDIES

Table 1: The Knowledge Dimension

A. Factual Knowledge

Aa. Terminology: marsh, mortar, pestle, pluff mud, phosphate

Ab. Specific details and elements

Phosphate comes from the ground and can be ground into fertilizer.

The marsh supports life.

Things decay and replenish in the marsh.

There is a natural life cycle.

A plantation was self sufficient.

B. Conceptual Knowledge:

Ba. Knowledge of theories, models, and structures

Growth and decay

The marsh supports life.

SCIENCE

Kindergarten

Standard K-1: The student will demonstrate an understanding of scientific inquiry, including the processes, skills, and mathematical thinking necessary to conduct a simple scientific investigation.

Indicators

K-1.1 Identify observed objects or events by using the senses.

K-1.3 Predict and explain information or events based on observation or previous experience.

K-1.4 Compare objects by using nonstandard units of measurement.

Standard K-2: The student will demonstrate an understanding of the characteristics of organisms.

Indicators

K-2.1 Recognize what organisms need to stay alive (including air, water, food, and shelter).

K-2.2 Identify examples of organisms and nonliving things.

K-2.3 Match partners with their offspring to show that plants and animals closely resemble their parents.

K-2.4 Compare individual examples of a particular type of plant or animal to determine that there are differences among individuals.

K-2.5 Recognize that all organisms go through stages of growth and change called life cycles.

Standard K-4: The student will demonstrate an understanding of seasonal weather changes.

Indicator:

K-4.3 Summarize ways that the seasons affect plants and animals.

Grade 1

Standard 1-2: The student will demonstrate an understanding of the special characteristics and needs of plants that allow them to survive in their own distinct environments.

Indicators

1-2.1 Recall the basic needs of plants (including air, water, nutrients, space, and light) for energy and growth.

1-2.5 Explain how distinct environments throughout the world support the life of different types of plants.
1-2.6 Identify characteristics of plants (including types of stems, roots, leaves, flowers, and seeds) that help them survive in their own distinct environments.

Standard 1-4: The student will demonstrate an understanding of the properties of Earth materials.

Indicator

1-4.1 Recognize the composition of Earth (including rocks, sand, soil, and water).

Grade 2

Standard 2-1: The student will demonstrate an understanding of scientific inquiry, including the processes, skills, and mathematical thinking necessary to conduct a simple scientific investigation.

Indicators

2-1.3 Represent and communicate simple data and explanations through drawing, ...and pictographs.

2-1.4 Infer explanations regarding scientific observations and experiences.

Standard 2-2: The student will demonstrate an understanding of the needs and characteristics of animals as they interact in their own distinct environments.

Indicators

2-2.1 Recall the basic needs of animals (including air, water, food, and shelter) for energy, growth, and protection.

2-2.2 Classify animals (including mammals, birds, amphibians, reptiles, fish, and insects) according to their physical characteristics.

2-2.3 Explain how distinct environments throughout the world support the life of different types of animals.

2-2.4 Summarize the interdependence between animals and plants as sources of food and shelter.

2-2.5 Illustrate the various life cycles of animals (including birth and the stages of development).

Grade 3

Standard 3-2: The student will demonstrate an understanding of the structures, characteristics, and adaptations of organisms that allow them to function and survive within their habitats.

Indicators

3-2.1 Illustrate the life cycles of seed plants and various animals and summarize how they grow and are adapted to conditions within their habitats.

3-2.2 Explain how physical and behavioral adaptations allow organisms to survive (including hibernation, defense, locomotion, movement, food obtainment, and camouflage for animals and seed dispersal, color, and response to light for plants).

3-2.3 Recall the characteristics of an organism's habitat that allow the organism to survive there.

3-2.4 Explain how changes in the habitats of plants and animals affect either survival.

3-2.5 Summarize the organization of simple food chains (including the roles of producers, consumers, and decomposers).

ENGLISH LANGUAGE ARTS

Kindergarten

Standard K-C1 The student will use speaking skills to participate in large and small groups in both formal and informal situations.

K-C1.3 Demonstrate the ability to take turns in conversations and stay on topic.

K-C1.4 Continue responding in complete sentences.

K-C1.5 Demonstrate the ability to participate in conversations and discussions by responding appropriately.

Standard KC2 The student will use listening skills to comprehend and analyze information he or she receives in both formal and informal situations.

K-C2.1 Demonstrate the ability to follow one- and two-step oral directions.

K-C2.3 Demonstrate the ability to listen for meaning in conversations and discussions.

K-C2.4 Demonstrate the ability to focus attention on the person who is speaking listen politely without interrupting.

K-C2.7 Begin listening for main ideas.

Standard K-C3 The student will comprehend and analyze information he or she receives from nonprint resources.

K-C3.3 Continue making connections between material from nonprint sources and his or her prior knowledge, other sources, and the world.

Grade 1

Standard 1-C1 The student will use speaking skills to participate in large and small groups in both formal and informal situations.

1-C1.3 Demonstrate the ability to respond in complete sentences.

1-C1.4 Demonstrate the ability to participate in conversations and discussions by responding appropriately.

Standard 1-C2 The student will use listening skills to comprehend and analyze information he or she receives in both formal and informal situations.

1-C2.1 Demonstrate the ability to follow one- and two-step oral directions.

1-C2.4 Demonstrate the ability to listen for meaning in conversations and discussions.

1-C2.5 Demonstrate the ability to focus attention on the person who is speaking and listen politely without interrupting.

1-C2.8 Demonstrate the ability to listen for main ideas.

Standard 1-C3 The student will comprehend and analyze information he or she receives from nonprint sources.

1-C3.3 Demonstrate the ability to make connections between material from nonprint sources and his or her prior knowledge, other sources, and the world.

Grade 2

Standard 2-C1 The student will use speaking skills to participate in large and small groups in both formal and informal situations.

2-C1.3 Demonstrate the ability to respond in complete sentences.

2-C1.4 Demonstrate the ability to participate in conversations and discussions by responding appropriately.

Standard 2-C2 The student will use listening skills to comprehend and analyze information he or she receives in both formal and informal situations.

2-C2.1 Demonstrate the ability to follow multi-step oral directions.

2-C2.3 Demonstrate the ability to listen for meaning in conversations and discussions.

2-C2.4 Demonstrate the ability to focus attention on the person who is speaking, and listen politely without interrupting.

2-C2.6 Demonstrate the ability to listen for main ideas.

Standard 2-C3 The student will comprehend and analyze information he or she receives from nonprint sources.

2-C3.4 Demonstrate the ability to make connections between material from nonprint sources and his or her prior knowledge, other sources and the world.

Grade 3

Standard 3-C1 The student will use speaking skills to participate in large and small groups in both formal and informal situations.

3-C1.3 Demonstrate the ability to respond in complete sentences.

3-C1.4 Demonstrate the ability to participate in conversations and discussions by responding appropriately.

Standard 3-C2 The student will use listening skills to comprehend and analyze information he or she receives in both formal and informal situations.

3-C2.2 Demonstrate the ability to listen for meaning in conversations and discussions.

3-C2.3 Demonstrate the ability to focus attention on a person who is speaking, and listen politely without interrupting.

3.C2.5 Demonstrate the ability to listen for main ideas.

Standard 3-C3 The student will comprehend and analyze information he or she receives from nonprint sources.

3-C3.5 Demonstrate the ability to make connections between material from nonprint sources and his or her prior knowledge, other sources, and the world.

VISUAL ARTS

PreK-K, 1, 2

I. Understanding and Applying Media, Techniques, and Processes

- a. identify differences among media, techniques, and processes used in the visual arts
- b. use a variety of media, techniques, and processes to communicate ideas, experiences, and stories through their artwork
- c. use art materials and tools in a safe and responsible manner

III. Understanding the Visual Arts in Relation to History and Cultures

- a. create artworks that express their personal experiences
- b. describe their personal responses to various subjects, symbols, and ideas in artworks

Grade 3

I. Understanding and Applying Media, Techniques, and Processes

- a. identify differences among media, techniques, and processes used in the visual arts
- b. use a variety of media, techniques, and processes to communicate ideas, experiences, and stories through their artwork
- c. use art materials and tools in a safe and responsible manner