

Lakewold Gardens Deep Discovery Video Series Curriculum Standards

Deep Discovery Episode 3 Development & Native Habitat

- Explore Nature and Art through Guided Observation.
- Theme: How Population Growth and Climate Change Impacts Ecosystems in Western Washington
- Subthemes – History of the Pacific Northwest, Railroads and Population Growth, Promoting PNW Resources & Art, Human Impacts on Environment, Sounds and Nature, Musical Instruments and Natural Resources, Carbon Cycle, Ecosystems – Prairie & Oak, Temperate Rainforest, Historic Range, Native American lands, plants, uses, Plant Identification, What Plants & Animals need to survive, Development and Climate Change, What people (students) can do to help solve problems.

Washington Visual Arts Standards

(Art Connections included in video – Landscape Artists – Idealized WEST, plant journal and rubbings)

Visual Arts (VA) Anchor Standard 2 – Organize and develop artistic ideas and work.

Performance Standard - Creating

- VA:Cr2.3.3 - a. Individually or collaboratively construct representations, diagrams, or maps of places that are part of everyday life.

Visual Arts (VA) Anchor Standard 3 – Refine and complete artistic work.

Performance Standard - Creating

- VA:Cr3.1.3 - Elaborate visual information by adding details in an artwork to enhance emerging meaning.

Visual Arts (VA) Anchor Standard 7 – Perceive and analyze artistic work.

Performance Standard - Responding

- VA:Re7.1.3 - Speculate about processes an artist uses to create a work of art.
- VA:Re7.2.3 - Determine messages communicated by an image.

Visual Arts (VA) Anchor Standard 11 - Relate artistic ideas and works with societal, cultural, and historical context to deepen understanding.

Performance Standard - Connecting

- VA:Cn11.1.3 - Recognize that responses to art change depending on knowledge of the time and place in which it was made

Washington Music Standards

(Music Activity included in video -Sound and Instrument Materials)

Music (MU) Anchor Standard 11 - Relate artistic ideas and works with societal, cultural, and historical context to deepen understanding.

Performance Standard - Connecting

- MU:Cn11.1.3- Demonstrate understanding of relationships between music and the other arts, other disciplines, varied contexts, and daily life.

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Environmental & Sustainability Education (ESE)

ESE Standard 1: Ecological, Social, and Economic Systems. Students develop knowledge of the interconnections and interdependency of ecological, social, and economic systems. They demonstrate understanding of how the health of these systems determines the sustainability of natural and human communities at local, regional, national, and global levels.

ESE Standard 2: The Natural and Built Environment. Students engage in inquiry and systems thinking and use information gained through learning experiences in, about, and for the environment to understand the structure, components, and processes of natural and human-built environments.

ESE Standard 3: Sustainability and Civic Responsibility. Students develop and apply the knowledge, perspective, vision, skills, and habits of mind necessary to make personal and collective decisions and take actions that promote sustainability.

Social Studies Learning Standards

Social Studies Skills

SSS3: Deliberates public issues.

- Knows that there are many ideas, issues, and conflicts going on in the world around one and can listen in order to understand the different points of view and use one's own voice to enact change.
- SSS3.3.1 Engage others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideal

Geography

G2 - Understands human interaction with the environment.

- G2.3.1 Explain how the environment affects cultural groups and how groups affect the environment.
- G2.3.2 Examine the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.
- G2.3.3 Compare the traditions, beliefs, and values of cultural groups in North America.

Economics

E2: Understands the components of an economic system.

- E2.3.2 Identify examples of the variety of resources (human capital, physical capital, and natural resources) that are used to produce goods and services

Since Time Immemorial (STI): Tribal Sovereignty in Washington State

- Pathway 1: Stories and Histories of our Place - Learn about the natural history, climate and geography of this place. (K-3)
- Essential Questions:
 - How does physical geography affect Northwest Tribes' culture, economy, and where they choose to settle and trade? Grades 2/3
 - What are the ways in which Tribes respond to the threats and outside pressure to extinguish their cultures and independence? Grades 2/3

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Curriculum Standards

- Learning Goals:
 - Learn about the cultural traditions of the people who came before us, specifically in this region. (K-3)
 - Learn about human means of communication prior to the written word and the development of other technologies. (K-3)
 - Learn about the natural history, climate and geography of this place. (K-3)

Next Generation Science Standards (NGSS)

Life Science

- 3-LS3-2. Use evidence to support the explanation that traits can be influenced by the environment.
- 3-LS4-3. Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.
- 3-LS4-4. Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.

Earth and Space Science

- 3-ESS2-1. Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.
- 3-ESS2-2. Obtain and combine information to describe climates in different regions of the world

Engineering Design

- 3-5-ETS1-1. Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.
- 3-5-ETS1-2. Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.