

Protecting the Wetlands—A Matter of Survival

Science GLEs

Grade 5 GLEs:

Populations and Ecosystems

- 26. Identify and describe ecosystems of local importance (LS-M-C3)
- 28. Explain and give examples of predator/prey relationships (LS-M-C4)

Grade 6 GLEs:

Science and the Environment

- 47. Illustrate how various technologies influence resource use in an ecosystem (e.g., forestry management, soil conservation, fishery improvement) (SE-M-A8)

Grade 7 GLEs:

Populations and Ecosystems:

- 27. Identify the various relationships among plants and animals (e.g., mutualistic, parasitic, producer/consumer) (LS-M-C4)
- 29. Predict the impact changes in a species' population have on an ecosystem (LS-M-C4)

Adaptations of Organisms

- 31. Describe and evaluate the impact of introducing nonnative species into an ecosystem (LS-M-D1)
- 32. Describe changes that can occur in various ecosystems and relate the changes to the ability of an organism to survive (LS-M-D2)
- 34. Explain how environmental factors impact survival of a population (LS-M-D2)

Science and the Environment

- 35. Identify resources humans derive from ecosystems (SE-M-A1)
- 39. Analyze the consequences of human activities on ecosystems (SE-M-A4)

Grade 8 GLEs:

Science and the Environment

- 53. Distinguish among several examples of erosion (e.g., stream bank, topsoil, coastal) and describe common preventive measures (SE-M-A10)

Grade 11/12 GLEs: Environmental Science

Science and the Environment

Ecological Systems and Interactions:

- 8. Explain how species in an ecosystem interact and link in a complex web (SE-H-A7) (SE-H-A10)
- 10. Analyze the effect of an invasive species on the biodiversity within ecosystems (SE-H-A9)

Resources and Resource Management

- 16. Evaluate the effectiveness of natural resource management in Louisiana (SE-H-B4) (SE-H-B5)

Environmental Awareness:

- 20. Relate environmental quality to quality of life (SE-H-C2)

Personal Choices and Responsible Actions

- 27. Describe how accountability toward the environment affects sustainability (SE-H-D5)