

Louisiana Grade Level Expectations

Grade 6 Science

Science and the Environment

- 45. Describe methods for sustaining renewable resources (SE-M-A6)
- 46. Identify ways people can reuse, recycle, and reduce the use of resources to improve and protect the quality of life (SE-M-A6)
- 47. Illustrate how various technologies influence resource use in an ecosystem (e.g., forestry management, soil conservation, fishery improvement) (SE-M-A8)

Grade 7 Science

Adaptation of Organisms

- 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)
- 43. Identify and analyze the environmental impact of humans' use of technology (e.g., energy production, agriculture, transportation, human habitation) (SE-M-A8)

Grade 8 Science

Earth and Space Science

Structure of Earth

- 19. Determine the results of constructive and destructive forces upon landform development with the aid of geologic maps of Louisiana (ESS-M-A7)
- 20. Describe how humans' actions and natural processes have modified coastal regions in Louisiana and other locations (ESS-M-A8)

Earth History

35. Describe how processes seen today are similar to those in the past (e.g., weathering, erosion, lithospheric plate movement) (ESS-M-B3)

Science and the Environment

51. Analyze the consequences of human activities on global Earth systems (SE-M-A4)

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

Grade 8 Social Studies

Places and Regions

7. Explain how or why specific regions are changing as a result of physical phenomena (e.g., changes in the coastal wetlands) (G-1B-M3)

8. Identify and describe factors that cause a Louisiana region to change (e.g., natural occurrences, disasters, migration) (G-1B-M3)

Physical and Human Systems

11. Explain why humans settled and formed societies in specific regions or why immigrant groups (e.g., Acadians) settled in specific areas of Louisiana (G-1C-M3)

13. Describe factors that contribute to economic interdependence at the local, national, and global level, as related to Louisiana's past and present (G-1C-M6)

Environment and Society

14. Analyze, evaluate, and predict consequences of environmental modifications on Louisiana landforms, natural resources, and plant or animal life (G-1D-M1)

15. Analyze the benefits and challenges of the Louisiana physical environments on its inhabitants (e.g., flooding, soil, climate conducive to growing certain plants) (G-1D-M2)

Economics

Fundamental Economic Concepts

- 42. Analyze situations involving scarcity (limited resources) at the individual, group, and societal levels to determine the need for choices or what is gained/lost by a decision (E-1A-M1)
- 43. Explain how effective economic decisions (e.g., determining the best level of consumption) require comparing the additional costs of alternatives with additional benefits (E-1A-M2)
- 48. Characterize and analyze the use of productive resources in an economic system (E-1A-M6)
- 51. Use economic concepts (e.g., scarcity, opportunity cost) to explain historic and contemporary events and developments in Louisiana (E-1A-M9)

Louisiana History

- 78. Describe and analyze the impact of Louisiana's geographic features on historic events, settlement patterns, economic development, etc (H-1D-M4)
- 79. Explain how Louisiana's natural resources have shaped its history (e.g., petroleum) (H-1D-M4)

Grade 9 Core Course: Economics (Free Enterprise)

Economics

Fundamentals Economics Concepts

- 5. Explain how the scarcity of natural resources leads to economic interdependence (E-1A-H1)

Individuals, Households, Businesses, and Governments

- 38. Evaluate the impact of policies related to the use of resources (e.g., water use regulations, policies on scarce natural resources) (E-1B-H3)

Science and the Environment (Recommended for Grades 11–12)

Ecological Systems and Interactions

- 6. Analyze the consequences of changes in selected divisions of the biosphere (e.g., ozone depletion, global warming, acid rain) (SE-H-A5) (SE-H-A7)
- 8. Explain how species in an ecosystem interact and link in a complex web (SE-HA7) (SE-H-A10)

12. Give examples and describe the effect of pollutants on selected populations (SEH-A11)

Resources and Resource Management

16. Evaluate the effectiveness of natural resource management in Louisiana (SE-HB4)
(SE-H-B5)

17. Analyze data to determine when reuse, recycling, and recovery are applicable
(SE-H-B5)

Environmental Awareness and Protection

19. Determine the interrelationships of clean water, land, and air to the success of organisms in a given population (SE-H-C1)

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

21. Analyze the effect of common social, economic, technological, and political considerations on environmental policy (SE-H-C3)

22. Analyze the risk-benefit ratio for selected environmental situations (SE-H-C4)

Personal Choices and Responsible Actions

26. Determine local actions that can affect the global environment (SE-H-D4)

27. Describe how accountability toward the environment affects sustainability (SE-HD5)