



Theme: Water (Grades 9-12)

Nevada State Standards

English Language Arts

- 3.12.3 Analyze a theme based on evidence.
- 3.12.7 Analyze the influence of historical events and culture.
- 3.12.8 Make and revise predictions based on evidence.
- 3.12.9 Make connections to self, other text, and/or world.
- 4.12.3 Analyze a theme based on evidence.
- 4.12.5 Make connections to self, other text, and/or world.
- 4.12.6 Make and revise predictions based on evidence.
- 4.12.7 Read and follow directions to complete tasks or procedures.
- 5.12.1 Use prewriting strategies to plan written work.
- 6.12.7 Write a variety of communications in appropriate formats.
- 7.12.1 Listen for a variety of purposes including: gaining information, being entertained and understanding directions.
- 7.12.2 Listen to and evaluate oral communications for content, delivery, point of view, ideas, purpose, and value.
- 7.12.3 Expand vocabulary through listening.
- 7.12.5 Actively listen to oral communications.
- 8.12.2 Use precise language to describe and elicit feelings, experiences, observations and ideas.
- 8.12.4 Participate in conversations to solve problems by identifying, synthesizing and evaluating data.

Science

- N.12.A.5 Students know models and modeling can be used to identify and predict cause-effect relationships.
- N.12.B.1 Students know science, technology, and society influence one another in both positive and negative ways.
- N.12.B.2 Students know consumption patterns, conservation efforts, and cultural or social practices in countries have varying environmental impacts.
- E.12.A Students understand heat and energy transfer in and out of the atmosphere and influence weather and climate.
- E.12.A.1 Students know the Sun is the major source of Earth's energy, and provides the energy driving Earth's weather and climate.

- E.12.A.2 Students know the composition of Earth’s atmosphere has changed in the past and is changing today.
- E.12.A.3 Students understand the role of the atmosphere in Earth’s greenhouse effect.
- E.12.A.4 Students know convection and radiation play important roles in moving heat energy in the Earth system.

Social Studies

Geography

- 6.(9-12).1 Determine how relationships between humans and the physical environment lead to the development of and connections among places and regions.
- 6.(9-12).2 Explain why characteristics of a place change.
- 6.(9-12).3 Apply the concept of region to organize and study a geographic issue.
- 6.(9-12).4 Analyze selected historical issues, demographics, and questions using the geographic concept of regions.
- 8.(9-12).1 Analyze how changes in the physical environment can increase or diminish its capacity to support human activity.
- 8.(9-12).2 Describe the ways in which technology has affected the human capacity to modify the physical environment and evaluate possible regional and global impact.
- 8.(9-12).3 Develop possible responses to changes caused by human modification of the physical environment.
- 8.(9-12).4 Analyze human perception and reaction to natural hazards including use, distribution, and importance of resources.
- 8.(9-12).5 Analyze patterns of use, the changing distribution, and relative importance of Earth’s resources.

History

- 4.(9.12).22 Describe how political and economic alliances affect peoples and countries.
- 4.(9.12).23 Describe how global issues such as human rights, the environment, regional conflicts, and health issues affect nations differently.