



## Theme: Sustainability (Grades 6- 8)

### Nevada State Standards

#### English Language Arts

- 3.6.3 Describe a theme based on evidence.
- 3.6.8 Make and revise predictions based on evidence.
- 3.6.9 Make connections to self, other text, and/or world.
- 4.6.5 Make connections to self, other text, and/or world.
- 4.6.6 Make and revise predictions based on evidence.
- 4.6.7 Read and follow directions to complete tasks or procedures.
- 7.6.1 Listen for a variety of purposes including, gaining information, being entertained and understanding directions.
- 7.6.3 Expand vocabulary through listening.
- 7.6.5 Actively listen to oral communications.
- 8.6.2 Use precise language to describe feelings, experiences, observations and ideas.
- 8.6.4 Contribute to conversations and discussions about a given topic.
- 3.7.3 Describe a theme based on evidence.
- 3.7.8 Make and revise predictions based on evidence.
- 3.7.9 Make connections to self, other text, and/or world.
- 4.7.5 Make connections to self, other text, and/or world.
- 4.7.6 Make and revise predictions based on evidence.
- 4.7.7 Read and follow directions to complete tasks or procedures.
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- 7.7.3 Expand vocabulary through listening.
- 7.7.5 Actively listen to oral communications.
- 8.7.2 Use precise language to describe feelings, experiences, observations and ideas.
- 8.7.4 Provide constructive feedback when participating in conversations and discussions.
- 3.8.3 Describe a theme based on evidence.
- 3.8.8 Make and revise predictions based on evidence.
- 3.8.9 Make connections to self, other text, and/or world.
- 4.8.5 Make connections to self, other text, and/or world.
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- 8.8.2 Use precise language to describe feelings, experiences, observations and ideas.
- 8.8.4 Provide constructive feedback using established criteria.

## Mathematics

- 4.7.2 Make scale drawings using ratios and proportions.
- 4.7.4 Make a two-dimensional drawing of a three-dimensional figure.
- 5.7.6 Interpolate and extrapolate from data to make prediction for a given set of data.
- 5.8.6 Formulate reasonable inferences and predictions through interpolation and extrapolation of data to solve practical problems.

## Science

- N.8.A.1 Students know how to identify and critically evaluate information in data, tables, and graphs.
- N.8.A.2 Students know how to critically evaluate information to distinguish between fact and opinion.
- N.8.A.3 Students know different explanations can be given for the same evidence.
- N.8.A.5 Students know how to use appropriate technology and laboratory procedures safely for observing, measuring, recording, and analyzing data.
- N.8.B.1 Students understand that consequences of technologies can cause resource depletion and environmental degradation, but technology can also increase resource availability, mitigate environmental degradation, and make new resources economical.
- N.8.B.2 Students know scientific knowledge is revised through a process of incorporating new evidence gained through on-going investigation and collaborative discussion.
- E.8.A.2 Students know how the processes involved in the water cycle affect climatic patterns.
- E.8.A.3 Students know the properties that make water an essential component of the earth system.
- E.8.C.7 Students know the characteristics, abundances, and location of renewable and nonrenewable resources found in Nevada.
- L.8.C.3 Students will evaluate how changes in environments can be beneficial or harmful.
- L.8.C.4 Students know inter-related factors affect the number and type of organisms an ecosystem can support.

## **Social Studies**

### *Geography*

- 7.(6-8).2 Describe how movements of people, goods, ideas, and resources have affected events in the past and present.
- 7.(6-8).6 Explain how the physical and human geography of regions influences their allocation of resources.
- 8.(6-8).1 Describe and predict regional and global impact of changes in the physical environment.
- 8.(6-8).3 Describe the changes that result from human modification of the physical environment.
- 8.(6-8).6 Define renewable, nonrenewable, and human resources.
- 8.(6-8).8 Evaluate different viewpoints regarding a resource.