

Wyoming Project Learning Tree

Correlation Key for Grades 9-12 Wyoming Content and Performance Standards Language Arts Mathematics Science Social Studies

Introduction: The purpose of this document is to provide Wyoming educators who use the *Project Learning Tree Secondary Environmental Educational Curriculum* with a reference guide on how PLT's activities correlate to the Wyoming Content and Performance Standards for grades 9-12. Educators may use PLT activities to teach or assess mastery of skills in all content areas.

Key to symbols and abbreviations:

- * **Concept is a main focus of the activity or teaches to the standard.**
- o **Concept is part of the focus of the activity and supports the standard.**
- n/c **No correlation**
- ST **Special Topic**
- LA **Language Arts**
- MA **Mathematics**
- SC **Science**
- SS **Social Studies**

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For more information on Wyoming Project Learning Tree, visit the website www.wyomingplt.org or contact Cheryl Selby, WY-PLT Coordinator at wyoplt@yahoo.com*

**Wyoming Project Learning Tree
Correlation Key for Grades 9-12
All Subjects**

LANGUAGE ARTS, Grades 9-12

LA 1. READING:

Students use the reading process to demonstrate understanding of literary and informational texts.

LA 11.1.1: Students use the reading process to apply a variety of comprehension strategies before, during and after reading.

Exploring Environmental Issues: Focus on Forests

2	Case Study: Old-Growth Forests	o
3	Tough Choices	o
6	Squirrels vs. Scopes	o

Exploring Environmental Issues: Focus on Risk

ST 1	Electromagnetic Fields	o
ST 2	Chlorine: Looking at Tradeoffs	o

Exploring Environmental Issues: In the Places We Live.

2	Community Character	o
3	Mapping Your Community Through Time	o
4	Neighborhood Design	o
7	Far Reaching Decisions	o
8	Regional Community Issues: The Ogallala Aquifer	o

Exploring Environmental Issues: Municipal Solid Waste

4	Composting	o
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LA 11.1.2: Students demonstrate an understanding of literary texts.

n/c

LA 11.1.3: Students demonstrate an understanding of informational texts.

Exploring Environmental Issues: Focus on Forests

2	Case Study: Old-Growth Forests	o
3	Tough Choices	o
6	Squirrels vs. Scopes	o

Exploring Environmental issues: Focus on Risk

ST 1	Electromagnetic Fields	o
ST 2	Chlorine: Looking at Tradeoffs	o

LA 11.1.3: (continued)

<i>Exploring Environmental Issues: In the Places We Live.</i>		
2	Community Character	0
3	Mapping Your Community Through Time	0
4	Neighborhood Design	0
7	Far Reaching Decisions	0
8	Regional Community Issues: The Ogallala Aquifer	0
<i>Exploring Environmental Issues: Municipal Solid Waste</i>		
4	Composting	0

LA 2. WRITING:

Students use the writing process and use appropriate strategies to write a variety of expressive and expository pieces.

LA 11.2.1: Students apply writing skills to plan, draft, revise, and publish writing for intended audiences.

<i>Exploring Environmental Issues: Focus on Forests</i>		
2	Case Study: Old-Growth Forests	0
<i>Exploring Environmental Issues: Focus on Risk</i>		
5	Communicating Risk	0
ST 1	Electromagnetic Fields	0
<i>Exploring Environmental Issues: In the Places We Live.</i>		
3	Mapping Your Community Through Time	0
<i>Exploring Environmental Issues: Municipal Solid Waste</i>		
2	Source Reduction	0
8	Success Stories	0

LA 11.2.2: Students use appropriate strategies to write a variety of expressive and expository pieces.

<i>Exploring Environmental Issues: Focus on Forests</i>		
2	Case Study: Old-Growth Forests	0
<i>Exploring Environmental Issues: In the Places We Live.</i>		
2	Community Character	0
3	Mapping Your Community Through Time	0
7	Far Reaching Decisions	0

LA 3. SPEAKING AND LISTENING:

Students use listening and speaking skills for a variety of purposes and audiences.

LA 11.3.1: Students speak for a variety of purposes....

Exploring Environmental Issues: Focus on Forests

- 2 Case Study: Old-Growth Forests 0
- 3 Tough Choices 0

Exploring Environmental Issues: Focus on Risk

- 1 What is Risk? 0
- 2 Things Aren't Always What They Seem. 0
- 4 Risk Assessment: Tools of the Trade 0
- 5 Communicating Risk 0
- 6 Weighing the Options: A Look at Tradeoffs 0
- 7 Decision Making 0
- ST 1 Electromagnetic Fields 0
- ST 2 Chlorine: Looking at Tradeoffs 0

Exploring Environmental Issues: In the Places We Live.

- 2 Community Character 0
- 3 Mapping Your Community Through Time 0
- 4 Neighborhood Design 0
- 6 A Vision for the Future 0
- 7 Far Reaching Decisions 0
- 8 Regional Community Issues: The Ogallala Aquifer 0

Exploring Environmental Issues: Municipal Solid Waste

- 1 Introduction to MSW: The Waste Stream 0
- 2 Source Reduction 0
- 5 Waste-to-Energy 0
- 8 Success Stories 0

LA 11.3.2: Students use others' works for models for effective speaking.

n/c

LA 11.3.3: Students use strategies to organize formal presentations...

Exploring Environmental Issues: Focus on Risk

- 1 What is Risk? 0
- ST 1 Electromagnetic Fields 0
- ST 2 Chlorine: Looking at Tradeoffs 0

Exploring Environmental Issues: In the Places We Live.

- 1 Personal Places 0
- 2 Community Character 0
- 3 Mapping Your Community Through Time 0
- 7 Far Reaching Decisions 0

LA 11.3.3: (continued)

Exploring Environmental Issues: Municipal Solid Waste

2	Source Reduction	0
8	Success Stories	0

LA 11.3.4: Students use strategies to make persuasive presentations....

Exploring Environmental Issues: Focus on Risk

4	Risk Assessment: Tools of the Trade	0
6	Weighing the Options: A Look at Tradeoffs	0
ST 1	Electromagnetic Fields	0

Exploring Environmental Issues: In the Places We Live.

2	Community Character	0
7	Far Reaching Decisions	0
8	Regional Community Issues: The Ogallala Aquifer	0

Exploring Environmental Issues: Municipal Solid Waste

2	Source Reduction	0
5	Waste-to-Energy	0

LA 11.3.5: Students present oral interpretations of literature.

n/c

LA 11.3.6: Students use effective delivery skills... appropriate to audience and purpose.

Exploring Environmental Issues: Focus on Risk

1	What is Risk?	0
2	Things Aren't Always What They Seem.	0
4	Risk Assessment: Tools of the Trade	0
5	Communicating Risk	0
6	Weighing the Options: A Look at Tradeoffs	0
7	Decision Making	0
ST 1	Electromagnetic Fields	0
ST 2	Chlorine: Looking at Tradeoffs	0

Exploring Environmental Issues: In the Places We Live.

3	Mapping Your Community Through Time	0
6	A Vision for the Future	0
7	Far Reaching Decisions	0
8	Regional Community Issues: The Ogallala Aquifer	0

Exploring Environmental Issues: Municipal Solid Waste

5	Waste-to-Energy	0
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LA 11.3.7: Students use visual aids or technology...to support presentations.

Exploring Environmental issues: Focus on Risk

ST 2 Chlorine: Looking at Tradeoffs 0

Exploring Environmental Issues: In the Places We Live.

1 Personal Places 0

2 Community Character 0

3 Mapping Your Community Through Time 0

4 Neighborhood Design 0

6 A Vision for the Future 0

7 Far Reaching Decisions 0

8 Regional Community Issues: The Ogallala Aquifer 0

Exploring Environmental Issues: Municipal Solid Waste

5 Waste-to-Energy 0

LA 11.3.8: Students use strategies to contribute to group discussions....

Exploring Environmental Issues: Focus on Forests

2 Case Study: Old-Growth Forests 0

3 Tough Choices 0

Exploring Environmental Issues: Focus on Risk

1 What is Risk? 0

2 Things Aren't Always What They Seem. 0

4 Risk Assessment: Tools of the Trade 0

5 Communicating Risk 0

6 Weighing the Options: A Look at Tradeoffs 0

7 Decision Making 0

8 Taking Action: Reducing Risk.... *

ST 1 Electromagnetic Fields 0

ST 2 Chlorine: Looking at Tradeoffs 0

Exploring Environmental Issues: In the Places We Live.

1 Personal Places 0

2 Community Character 0

3 Mapping Your Community Through Time 0

4 Neighborhood Design 0

5 Green Space 0

6 A Vision for the Future 0

7 Far Reaching Decisions 0

8 Regional Community Issues: The Ogallala Aquifer 0

Exploring Environmental Issues: Municipal Solid Waste

1 Introduction to MSW: The Waste Stream 0

4 Composting 0

8 Success Stories 0

LA 11.3.9: Students listen and respond to listener feedback....

Exploring Environmental Issues: Focus on Forests

3 Tough Choices 0

Exploring Environmental Issues: Focus on Risk

1 What is Risk? 0

2 Things Aren't Always What They Seem. 0

4 Risk Assessment: Tools of the Trade 0

5 Communicating Risk 0

6 Weighing the Options: A Look at Tradeoffs 0

7 Decision Making 0

8 Taking Action: Reducing Risk.... 0

ST 1 Electromagnetic Fields 0

ST 2 Chlorine: Looking at Tradeoffs 0

Exploring Environmental Issues: In the Places We Live.

2 Community Character 0

3 Mapping Your Community Through Time 0

4 Neighborhood Design 0

6 A Vision for the Future 0

7 Far Reaching Decisions 0

8 Regional Community Issues: The Ogallala Aquifer 0

MATHEMATICS, Grades 9-12

MA 1. NUMBER OPERATIONS AND CONCEPTS:

Students use numbers, number sense, and number relationships in a problem-solving situation.

MA 11.1.1: Students represent and apply real numbers in a variety of forms.

Exploring Environmental Issues: Focus on Forests

4 Who Owns America's Forests? o

Exploring Environmental Issues: Focus on Risk

3 Chances Are.... o

Exploring Environmental Issues: Municipal Solid Waste

1 Introduction to MSW: The Waste Stream o

3 Recycling and Economics o

MA 11.1.2: Students apply the structure and properties of the real number system.

n/c

MA 11.1.3: Students explain their choice of estimation and problem-solving strategies and justify results of solutions in problem-solving situations involving real numbers.

n/c

MA 2. GEOMETRY:

Students apply geometric concepts, properties, and relationships in a problem-solving situation.

MA 11.2.1: Students use transformations, congruency, symmetry, similarity, perpendicularity, parallelism, and the Pythagorean Theorem to solve problems.

MA 11.2.2: Students communicate, using mathematical language....

MA 11.2.3: Students communicate reasoning used in identifying geometric relationships in problem-solving situations.

MA 11.2.4: Students solve problems involving the coordinate plane such as the distance between two points, the midpoint, and slope.

MA 11.2.5: Students connect geometry with other mathematical topics.

n/c

MA 3. MEASUREMENT:

Students use a variety of tools and techniques of measurement in a problem-solving situation.

MA 11.3.1: Students apply estimation and measurement using the appropriate methods and units to solve problems involving length, weight/mass, area, surface area, volume, and angle measure.

Exploring Environmental Issues: In the Places We Live.

5 Green Space o

Exploring Environmental Issues: Municipal Solid Waste

1 Introduction to MSW: The Waste Stream o

3 Recycling and Economics o

MA 11.3.2: Students demonstrate understanding of both metric and US customary systems.

n/c

MA 11.3.3: Students identify and apply scale, ratios and proportions in solving measurement problems.

Exploring Environmental Issues: Focus on Forests

4 Who Owns America's Forests? o

Exploring Environmental Issues: Municipal Solid Waste

1 Introduction to MSW: The Waste Stream o

3 Recycling and Economics o

MA 11.3.4: Students solve problems of angle measure including those involving polygons or parallel lines cut by a transversal.

MA 11.3.5: Students solve indirect measurement problems.

n/c

MA 4. ALGEBRA:

Students use algebraic methods to investigate, model, and interpret patterns and functions involving numbers, shapes, data, and graphs in a problem-solving situation.

MA 11.4.1: Students use algebraic concepts, symbols and skills to represent and solve real-world problems.

MA 11.4.2: Students write, model, and evaluate expressions, functions, equations, and inequalities.

MA 11.4.3: Students graph linear equations and interpret the results in solving algebraic problems.

MA 11.4.4: Students connect algebra with other mathematical topics.

n/c

MA 5. DATA ANALYSIS AND PROBABILITY:

Students use data analysis and probability to analyze given situations and the results of experiments.

MA 11.5.1: Students apply knowledge of mean, median, mode and range to interpret and evaluate information and data.

Exploring Environmental Issues: Focus on Forests

1 What's a Forest to You? o

Exploring Environmental Issues: Focus on Risk

3 Chances Are.... o

MA 11.5.2: Students draw reasonable inferences from statistical data and/or correlation/best fit line to predict outcomes.

Exploring Environmental Issues: Focus on Forests

1 What's a Forest to You? o

MA 11.5.2: (continued)

Exploring Environmental Issues: Focus on Risk

1 What is Risk? o

3 Chances Are.... o

7 Decision Making o

Exploring Environmental Issues: Municipal Solid Waste

1 Introduction to MSW: The Waste Stream o

3 Recycling and Economics o

MA 11.5.3: Students communicate about the likelihood of events using concepts from probability: sample space, evaluate simple probabilities, evaluate experimental vs. theoretical.

Exploring Environmental Issues: Focus on Risk

3 Chances Are.... o

7 Decision Making o

Exploring Environmental Issues: Municipal Solid Waste

1 Introduction to MSW: The Waste Stream o

3 Recycling and Economics o

MA 11.5.4: Students determine, collect, organize and analyze relevant data needed to make conclusions.

Exploring Environmental Issues: Focus on Forests

1 What's a Forest to You? o

MA 11.5.4: (continued)

Exploring Environmental Issues: Focus on Risk

1	What is Risk?	0
3	Chances Are....	0
8	Taking Action: Reducing Risk....	0

Exploring Environmental Issues: Municipal Solid Waste

1	Introduction to MSW: The Waste Stream	0
3	Recycling and Economics	0
4	Composting	0
7	Where Does Your Garbage Go	0
8	Success Stories	0

SCIENCE, Grades 9-12

SC 1. CONCEPTS AND PROCESSES:

In the context of unifying concepts and processes, students develop an understanding of scientific content through inquiry.

LIFE SYSTEMS

- SC 11.1.1 **The Cell.** Students explain the processes of life, which necessitates an understanding of relationship between structure and function of the cell and cellular differentiation....
- SC 11.1.2: **Molecular Basis of Heredity.** Students demonstrate an understanding that organisms ensure species continuity....
- SC 11.1.3: **Biological Evolution.** Students explain how species evolve over time....

n/c

- SC 11.1.4: **Interdependence of Organisms.** Students investigate the inter-relationships and interdependence of organisms....

Exploring Environmental Issues: Focus on Forests

- | | | |
|---|--------------------------------|---|
| 1 | What's a Forest to You? | o |
| 2 | Case Study: Old-Growth Forests | o |
| 3 | Tough Choices | o |
| 6 | Squirrels vs Scopes | o |

Exploring Environmental Issues: Focus on Risk

- | | | |
|------|---|---|
| 1 | What is Risk? | o |
| 2 | Things Aren't Always What They Seem | o |
| 7 | Decision Making | o |
| ST 1 | Electromagnetic Fields | o |
| ST 3 | Plastics, Risk/Benefit Analysis and Environmental Legislation | o |

Exploring Environmental Issues: In the Places We Live

- | | | |
|---|---|---|
| 7 | Far Reaching Decisions | o |
| 8 | Regional Community Issues: The Ogallala Aquifer | o |

Exploring Environmental Issues: Municipal Solid Waste

- | | | |
|---|---------------------------------------|---|
| 1 | Introduction to MSW: The Waste Stream | o |
| 7 | Where Does Your Garbage Go | o |

- SC 11.1.5: **Matter, Energy, and Organization in Living Systems.** Students describe the need of living systems for a continuous input of energy to maintain chemical and physical stability.
- SC 11.1.6: **Behavior and Adaptations.** Students examine behavior as the sum of responses of an organism to stimuli in its environment.

n/c

EARTH, SPACE AND PHYSICAL SYSTEMS

- SC 11.1.7: **Geochemical Cycles.** Students describe the Earth as a closed system and demonstrate a conceptual understanding of the following systems: geosphere, hydrosphere, atmosphere, and biosphere.
- SC 11.1.8: **Origin and Evolution of the Earth System.** Students investigate geologic time through comparing rock sequences, the fossil record, and decay rates of radioactive isotopes.
- SC 11.1.9: **Origin and Evolution of the Universe.** Students examine evidence for the Big Bang Theory and recognize the immense time scale involved in comparison of human-perceived time.

n/c

- SC 11.1.10: **Structure and Properties of Matter.** Students describe the atomic structure of matter including subatomic particles, their properties, and interactions.

Exploring Environmental issues: Focus on Risk

ST 2 Chlorine: Looking at Trade-offs o

- SC 11.1.11: **Chemical Reactions.** Students recognize that chemical reactions take place all around us.

Exploring Environmental Issues: Municipal Solid Waste

4 Composting *

- SC 11.1.12: **Conservation of Energy and Increase in Disorder.** Students demonstrate an understanding of the laws of conservation of mass and energy within the context of physical and chemical changes. They realize the tendency for systems to increase in disorder.

n/c

- SC 11.1.13: **Energy and Matter.** Students demonstrate an understanding of types of energy, energy transfer and transformations, and the relationship between energy and matter.

Exploring Environmental issues: Focus on Risk

ST 1 Electromagnetic Fields o

Exploring Environmental Issues: Municipal Solid Waste

4 Composting o

5 Waste-to-Energy o

SC 11.1.14: Force and Motion. Students develop a conceptual understanding of Newton's Laws of Motion, gravity, electricity, and magnetism.

Exploring Environmental issues: Focus on Risk

ST 1 Electromagnetic Fields 0

SC 2. SCIENCE AS INQUIRY:

Students demonstrate knowledge, skills, and habits of mind necessary to safely perform scientific inquiry.

SC 11.2.1: Students research answers to science questions.

Exploring Environmental Issues: Focus on Forests

1 What's a Forest to You? 0

2 Case Study: Old-Growth Forests *

3 Tough Choices 0

4 Who Owns America's Forests? 0

Exploring Environmental Issues: Focus on Risk

3 Chances Are.... 0

4 Risk Assessment: Tools of the Trade 0

5 Communicating Risk 0

7 Decision Making 0

8 Taking Action: Reducing Risk.... *

ST 1 Electromagnetic Fields 0

ST 3 Plastics, Risk/Benefit Analysis and Environmental Legislation 0

Exploring Environmental Issues: Municipal Solid Waste

1 Introduction to MSW: The Waste Stream *

2 Source Reduction 0

3 Recycling and Economics 0

4 Composting *

5 Waste-to-Energy 0

6 Landfills 0

7 Where Does Your Garbage Go 0

8 Success Stories 0

SC 11.2.2: Students use inquiry to conduct simple scientific investigations.

Exploring Environmental Issues: Focus on Forests

1 What's a Forest to You? 0

SC 11.2.2: (continued)

Exploring Environmental Issues: Focus on Risk

3	Chances Are....	0
4	Risk Assessment: Tools of the Trade	0
5	Communicating Risk	0
8	Taking Action: Reducing Risk....	*
ST 1	Electromagnetic Field	0
ST 3	Plastics, Risk/Benefit Analysis and Environmental Legislation	0

Exploring Environmental Issues: Municipal Solid Waste

1	Introduction to MSW: The Waste Stream	0
3	Recycling and Economics	*
4	Composting	*
6	Landfills	0
7	Where Does Your Garbage Go	0
8	Success Stories	0

SC 11.2.3: Students clearly and accurately communicate the result of their own work as well as information from other sources.

Exploring Environmental Issues: Focus on Forests

1	What's a Forest to You?	0
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Exploring Environmental Issues: Focus on Risk

3	Chances Are....	0
4	Risk Assessment: Tools of the Trade	0
5	Communicating Risk	0
8	Taking Action: Reducing Risk....	0
ST 1	Electromagnetic Fields	0

Exploring Environmental Issues: Municipal Solid Waste

1	Introduction to MSW: The Waste Stream	0
2	Source Reduction	0

SC 11.2.4: Students investigate the relationship between science and technology and the role of technological design in meeting human needs.

Exploring Environmental Issues: Focus on Forests

1	What's a Forest to You?	0
2	Case Study: Old-Growth Forests	0
8	Take Action	0

Exploring Environmental Issues: Focus on Risk

4	Risk Assessment: Tools of the Trade	0
5	Communicating Risk	0
6	Weighing the Options: A Look at Tradeoffs	0
7	Decision Making	0

SC 11.2.4 (continued)

Exploring Environmental Issues: Focus on Risk

- ST 1 Electromagnetic Fields *
- ST 2 Chlorine: Looking at Trade-offs *
- ST 3 Plastics, Risk/Benefit Analysis.... *

Exploring Environmental Issues: Municipal Solid Waste

- 1 Introduction to MSW: The Waste Stream 0
- 2 Source Reduction 0
- 4 Composting *
- 5 Waste-to-Energy 0
- 6 Landfills 0
- 8 Success Stories 0

SC 11.2.5: Students properly use appropriate scientific and safety equipment, recognize hazards and safety symbols and observe standard safety procedures.

Exploring Environmental Issues: Municipal Solid Waste

- 1 Introduction to MSW: The Waste Stream 0

Exploring Environmental issues: Focus on Risk

- ST 3 Plastics, Risk/Benefit Analysis and Environmental Legislation 0

SC 3. HISTORY AND NATURE OF SCIENCE IN PERSONAL/SOCIAL DECISIONS:

Students recognize the nature of science, its history, and its connections to personal, social, economic, and political decisions.

SC 11.3.1: Students examine the nature and history of science.

Exploring Environmental Issues: Focus on Forests

- 3 Tough Choices 0

Exploring Environmental Issues: Focus on Risk

- 5 Communicating Risk 0

SC 11.3.1: (continued)

Exploring Environmental Issues: In the Places We Live

- 3 Mapping Your Community through Time 0

Exploring Environmental Issues: Municipal Solid Waste

- 1 Introduction to MSW: The Waste Stream *

SC 11.3.2: Students examine how scientific information is used to make decisions.

Exploring Environmental Issues: Focus on Forests

3 Tough Choices 0

Exploring Environmental Issues: Focus on Risk

5 Communicating Risk 0

6 Weighing the Options: A Look at Tradeoffs 0

ST 2 Chlorine: Looking at Trade-offs 0

ST 3 Plastics, Risk/Benefit Analysis and Environmental Legislation 0

Exploring Environmental Issues: In the Places We Live

3 Mapping Your Community Through Time 0

5 Green Space 0

7 Far Reaching Decisions 0

8 Regional Community Issues: The Ogallala Aquifer *

Exploring Environmental Issues: Municipal Solid Waste

1 Introduction to MSW: The Waste Stream *

2 Source Reduction 0

3 Recycling and Economics 0

4 Composting 0

5 Waste-to-Energy *

8 Success Stories 0

SOCIAL STUDIES, Grades 9-12

SS 1. CITIZENSHIP/GOVERNMENT/DEMOCRACY:

Students demonstrate how structures of power, authority, and governance have developed historically and continue to evolve.

SS 11.1.1: Students describe unique freedoms, rights, and responsibilities of living in a democratic society and explain their interrelationships.

n/c

SS 11.1.2: Students explain and/or demonstrate how to participate in the political processes and express personal beliefs/convictions.

Exploring Environmental Issues: Focus on Forests

2	Case Study: Old-Growth Forests	o
3	Tough Choices	o
4	Who Owns America's Forests?	o
5	Balancing America's Forests	o
6	Squirrels vs Scopes	o
8	Take Action	*

Exploring Environmental issues: Focus on Risk

8	Taking Action: Reducing Risk....	o
ST 1	Electromagnetic Fields	o
ST 2	Chlorine: Looking at Tradeoffs	o
ST 3	Plastics, Risk/Benefit Analysis and Environmental Legislation	o

Exploring Environmental Issues: In the Places We Live

8	Regional Community Issues: The Ogallala Aquifer	o
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Exploring Environmental Issues: Municipal Solid Waste

5	Waste-to-Energy	*
6	Landfills	o
8	Success Stories	o

SS 11.1.3: Students explain the historical development of the U.S. Constitution and how it has shaped the U.S. and Wyoming governmental systems.

SS 11.1.4: Students demonstrate an understanding of the major distinguishing characteristics of the United States and Wyoming Constitutions.

SS 11.1.5: Students demonstrate an understanding of the U.S. civil and criminal legal systems and distinguish differences between those systems.

n/c

SS 2. CULTURE/CULTURAL DIVERSITY:

Students demonstrate an understanding of different cultures and how these cultures have contributed and continue to contribute to the world in which they live.

SS 11.2.1: Students explain how various cultural influences impact society.

Exploring Environmental Issues: Focus on Forests

- 2 Case Study: Old-Growth Forests o
- 3 Tough Choices o
- 7 Words to Live By o

Exploring Environmental Issues: In the Places We Live

- 8 Regional Community Issues: The Ogallala Aquifer o

Exploring Environmental Issues: Municipal Solid Waste

- 1 Introduction to MSW: The Waste Stream o
- 6 Landfills o

SS 11.2.2: Students communicate how shared cultural experiences influence peoples' perceptions of prominent historical figures, groups, institutions, and world events.

Exploring Environmental Issues: Focus on Forests

- 7 Words to Live By o

SS 3. PRODUCTION/DISTRIBUTION/CONSUMPTION:

Students demonstrate an understanding of economic principles and concepts and describe the influence of economic factors on individuals and societies.

SS 11.3.1: Students explain how different economic systems are organized for production, distribution and consumption of goods and services.

Exploring Environmental Issues: Focus on Forests

- 2 Case Study: Old-Growth Forests o
- 5 Balancing America's Forests o

Exploring Environmental Issues: Municipal Solid Waste

- 3 Recycling and Economics o
- 8 Success Stories o

SS 11.3.2: Students formulate solutions to economic problems.

Exploring Environmental Issues: Focus on Forests

- 3 Tough Choices o

Exploring Environmental Issues: Focus on Risk

- 6 Weighing the Options: A Look at Tradeoffs o

SS 11.3.2: (continued)

Exploring Environmental Issues: Municipal Solid Waste

2	Source Reduction	0
3	Recycling and Economics	0
5	Waste-to-Energy	0
8	Success Stories	0

SS 11.3.3: Students describe the impacts of global economic interdependence.

Exploring Environmental issues: Focus on Risk

ST 1	Electromagnetic Fields.	0
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Exploring Environmental Issues: In the Places We Live

7	Far Reaching Decisions	*
8	Regional Community Issues: The Ogallala Aquifer	0

SS 11.3.4: Students demonstrate an understanding of economic principles that influence individual financial planning.

Exploring Environmental Issues: Focus on Forests

5	Balancing America's Forests	0
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SS 4. TIME, CONTINUITY AND CHANGE:

Students demonstrate an understanding of the people, events, problems, ideas, and cultures that were significant in the history of our community, state, nation, and world.

SS 11.4.1: Students analyze the interactions among individuals and groups and their impact on significant historical events.

Exploring Environmental Issues: Focus on Forests

2	Case Study: Old-Growth Forests	0
3	Tough Choices	0
6	Squirrels vs Scopes	0

Exploring Environmental Issues: In the Places We Live

3	Mapping Your Community through Time	0
4	Neighborhood Design	0

Exploring Environmental Issues: Municipal Solid Waste

5	Waste-to-Energy	*
6	Landfills	0
7	Where Does Your Garbage Go	0

SS 11.4.2: Students analyze current events to better understand the world in which they live.

Exploring Environmental Issues: Focus on Forests

2 Case Study: Old-Growth Forests 0

3 Tough Choices 0

Exploring Environmental Issues: In the Places We Live

4 Neighborhood Design 0

5 Green Space 0

6 A Vision for the Future 0

7 Far Reaching Decisions 0

Exploring Environmental Issues: Municipal Solid Waste

2 Source Reduction 0

SS 11.4.3: Students evaluate the impact of technology and how it has shaped history and influenced the modern world.

Exploring Environmental Issues: Focus on Forests

2 Case Study: Old-Growth Forests 0

Exploring Environmental issues: Focus on Risk

ST 1 Electromagnetic Fields 0

ST 3 Plastics, Risk/Benefit Analysis and Environmental Legislation *

Exploring Environmental Issues: In the Places We Live

3 Mapping Your Community through Time 0

4 Neighborhood Design 0

5 Green Space 0

7 Far Reaching Decisions *

8 Regional Community Issues: The Ogallala Aquifer 0

Exploring Environmental Issues: Municipal Solid Waste

1 Introduction to MSW: The Waste Stream 0

2 Source Reduction 0

3 Recycling and Economics 0

4 Composting *

5 Waste-to-Energy 0

7 Where Does Your Garbage Go 0

SS 11.4.4: Students explain how past events impact the present and the future.

Exploring Environmental Issues: Focus on Forests

2 Case Study: Old-Growth Forests 0

3 Tough Choices 0

6 Squirrels vs. Scopes 0

SS 11.4.4: (continued)

Exploring Environmental Issues: In the Places We Live

- 3 Mapping Your Community Through Time 0
- 4 Neighborhood Design 0
- 5 Green Space 0
- 8 Regional Community Issues: The Ogallala Aquifer 0

Exploring Environmental Issues: Municipal Solid Waste

- 6 Landfills 0
- 7 Where Does Your Garbage Go 0
- 8 Success Stories 0

SS 5. PEOPLE, PLACES AND ENVIRONMENTS:

Students demonstrate an understanding of interrelationships among people, places, and environments.

SS 11.5.1: Students interpret charts, maps and graphs to answer questions dealing with people, places, events or environments.

Exploring Environmental Issues: Focus on Forests

- 2 Case Study: Old-Growth Forests 0
- 4 Who Owns America's Forests? *

Exploring Environmental Issues: Focus on Risk

- 2 Things Aren't Always What They Seem. 0
- 5 Communicating Risk 0
- 7 Decision Making 0
- ST 3 Plastics, Risk/Benefit Analysis and Environmental Legislation 0

Exploring Environmental Issues: In the Places We Live

- 1 Personal Places 0
- 2 Community Character 0
- 3 Mapping Your Community Through Time 0
- 4 Neighborhood Design 0
- 5 Green Space *
- 6 A Vision for the Future 0
- 7 Far Reaching Decisions 0

Exploring Environmental Issues: Municipal Solid Waste

- 1 Introduction to MSW: The Waste Stream 0
- 2 Source Reduction 0
- 3 Recycling and Economics 0

SS 11.5.2: Students analyze how physical characteristics of the earth and human interactions with the environment have affected the development of societies, cultures and individuals.

Exploring Environmental Issues: Focus on Forests

- 2 Case Study: Old-Growth Forests 0
- 7 Words to Live By 0

Exploring Environmental Issues: Focus on Risk

- 5 Communicating Risk 0
- ST 2 Chlorine: Looking at Tradeoffs 0
- ST 3 Plastics, Risk/Benefit Analysis and Environmental Legislation *

Exploring Environmental Issues: In the Places We Live

- 1 Personal Places 0
- 3 Mapping Your Community Through Time *
- 4 Neighborhood Design 0
- 5 Green Space 0
- 6 A Vision for the Future 0
- 7 Far Reaching Decisions 0
- 8 Regional Community Issues: The Ogallala Aquifer 0

Exploring Environmental Issues: Municipal Solid Waste

- 1 Introduction to MSW: The Waste Stream 0
- 7 Where Does Your Garbage Go 0
- 8 Success Stories 0

SS 11.5.3: Students demonstrate an ability to organize and process information about people, places and environments.

Exploring Environmental Issues: Focus on Forests

- 1 What's a Forest to You? 0
- 2 Case Study: Old-Growth Forests 0
- 3 Tough Choices 0
- 4 Who Owns America's Forests? *
- 5 Balancing America's Forests 0
- 6 Squirrels vs Scopes 0
- 7 Words to Live By 0
- 8 Take Action 0

Exploring Environmental Issues: Focus on Risk

- 1 What is Risk? 0
- 2 Things Aren't Always What They Seem. 0
- 5 Communicating Risk 0
- 7 Decision Making 0
- 8 Taking Action: Reducing Risk.... *
- ST 3 Plastics, Risk/Benefit Analysis and Environmental Legislation *

SS 11.5.3 (continued)

Exploring Environmental Issues: In the Places We Live

- | | | |
|---|---|---|
| 1 | Personal Places | 0 |
| 2 | Community Character | 0 |
| 3 | Mapping Your Community Through Time | * |
| 4 | Neighborhood Design | 0 |
| 5 | Green Space | * |
| 6 | A Vision for the Future | * |
| 7 | Far Reaching Decisions | * |
| 8 | Regional Community Issues: The Ogallala Aquifer | * |

Exploring Environmental Issues: Municipal Solid Waste

- | | | |
|---|---------------------------------------|---|
| 1 | Introduction to MSW: The Waste Stream | 0 |
| 3 | Recycling and Economics | 0 |
| 4 | Composting | 0 |
| 5 | Waste-to-Energy | 0 |
| 6 | Landfills | 0 |
| 7 | Where Does Your Garbage Go | 0 |
| 8 | Success Stories | 0 |