

PLT: Municipal Solid Waste Correlations to Utah Core Curriculum Grade 9-12

Health Education

Standard 1: (Grades 7-8) Students develop skills and processes that contribute to the development of a healthy self.

Objective 1: Determine the influence of **behavioral choices** on mental, social, emotional, physical, and spiritual **health**. *TK and PD

Activity 8. Success Stories and Personal Choices

Objective 2: Apply **decision-making** skills to address an issue. *PD

Activity 5. Waste-to-Energy

Standard 1: (Grades 9-12) Students develop skills and processes that contribute to the development of a healthy self.

Objective 4: Develop a **decision-making** process to resolve a dilemma.

Activity 5. Waste-to-Energy

Activity 8. Success Stories and Personal Choices

Standard 5: (Grades 7-8) Students assess how individual behavior affects personal and community health and safety.

Objective 1: Determine an individual's role and **responsibilities in creating a safe and caring community**.

Activity 5. Waste-to-Energy

Activity 8. Success Stories and Personal Choices

Objective 2: Practice assertive **communication, problem-solving, and conflict-management** skills.

Activity 5. Waste-to-Energy

Standard 5: (Grades 9-12) Students determine how individual and group and behaviors impact personal and community health and safety.

Objective 1: Demonstrate ability to **manage conflict peacefully and safely**. *PD

Activity 5. Waste-to-Energy

Activity 8. Success Stories and Personal Choices

Objective 4: Analyze the process of creating a **safe and caring environment** for citizens.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 5. Waste-to-Energy

If you have any additions or comments about these correlations, please contact USEE at (801) 328-1549.

Standard 7: (Levels 7-8) Students evaluate basic health information needed to advocate for personal, peer, and family health.

Objective 1: Evaluate the reliability of **health information and services** based on established criteria.

Activity 2. Source Reduction

Activity 5. Waste-to-Energy

Objective 2: Create an **advocacy plan** to address a health-related need.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 5. Waste-to-Energy

Activity 8. Success Stories and Personal Choices

Standard 7: (Levels 9-12) Students evaluate health information needed to advocate for personal, peer, family, community and environmental health.

Objective 1: Determine how **fads and trends may influence health.**

Activity 1. The Waste Stream

Objective 2: Create and implement an advocacy plan to address an unmet health need.

Activity 2. Source Reduction

Activity 5. Waste-to-Energy

Activity 8. Success Stories and Personal Choices

Language Arts

Seventh Grade Language Arts Core

Standard 1 (Reading): Students will use vocabulary development and an understanding of text elements and structures to comprehend literary and informational grade level text.

Objective 1 (Word Analysis, Vocabulary Development): Determine word meaning through word parts, definitions, and context clues.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 3. Recycling and Economics

Activity 4. Composting

Activity 5. Waste-to-Energy

Activity 6. Landfills

Objective 2 (Comprehension of Informational Text): Comprehend and evaluate informational text (i.e., web pages, newspapers, magazines, encyclopedias, maps, schedules).

Activity 1. The Waste Stream

Activity 5. Waste-to-Energy

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

If you have any additions or comments about these correlations, please contact USEE at (801) 328-1549.

Standard 2 (Writing): Students will write informational and literary text to reflect on and recreate experiences, report observations, and persuade others.

Objective 1 (Writing to Learn): Compare multiple ideas and perspectives to extend thinking through writing.

Activity 1. The Waste Stream

Activity 4. Composting

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

Objective 2 (Extended Writing): Write to identify and reflect on feelings to recreate experiences. (Emphasize autobiographical or narrative essays. Students should use the entire writing process to produce at least one extended piece per term, not necessarily limited to the type of writing emphasized at individual grade level.)

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 4. Composting

Activity 8. Success Stories and Personal Choices

Standard 3 (Inquiry/Research/Oral Presentation): Students will understand the process of seeking and giving information in conversations, group discussions, written reports, and oral presentations.

Objective 1 (Processes of Inquiry): Use the process of inquiry to formulate questions and engage in gathering information.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 3. Recycling and Economics

Activity 4. Composting

Activity 5. Waste-to-Energy

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

Objective 2 (Written Communication of Inquiry): Write to analyze multiple points of view.

Activity 2. Source Reduction

Activity 4. Composting

Activity 8. Success Stories and Personal Choices

Objective 3 (Oral Communication of Inquiry): Conduct interviews to support inquiry.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 5. Waste-to-Energy

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

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Eighth Grade Language Arts Core

Standard 1 (Reading): Students will use vocabulary development and an understanding of text elements and structures to comprehend literary and informational grade level text.

Objective 1 (Word Analysis, Vocabulary Development): Determine word meaning through word parts, definitions, and context clues.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 3. Recycling and Economics

Activity 4. Composting

Activity 5. Waste-to-Energy

Activity 6. Landfills

Objective 2 (Comprehension of Informational Text): Comprehend and evaluate informational text (i.e., textbooks, biographies/autobiographies, persuasive essays, letters, graphs, charts).

Activity 3. Recycling and Economics

Activity 5. Waste-to-Energy

Activity 6. Landfills

Activity 7. Where Does Your Garbage Go?

Standard 2 (Writing): Students will write informational and literary text to reflect on and recreate experiences, report observations, and persuade others.

Objective 1 (Writing to Learn): Evaluate information, interpret ideas, and demonstrate thinking through writing.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 4. Composting

Activity 8. Success Stories and Personal Choices

Objective 2 (Extended Writing): Write to identify and reflect on feelings to recreate experiences. (Emphasize autobiographical or narrative essays. Students should use the entire writing process to produce at least one extended piece per term, not necessarily limited to the type of writing emphasized at individual grade level.)

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 4. Composting

Standard 3 (Inquiry/Research/Oral Presentation): Students will understand the process of seeking and giving information in conversations, group discussions, written reports, and oral presentations.

Objective 1 (Processes of Inquiry): Use the process of inquiry to focus thinking toward understanding an idea or concept.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 4.** Composting
- Activity 5.** Waste-to-Energy
- Activity 6.** Landfills
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Objective 2 (Written Communication of Inquiry): Write to demonstrate understanding of an idea or concept.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 4.** Composting
- Activity 8.** Success Stories and Personal Choices

Objective 3 (Oral Communication of Inquiry): Participate in and report on small group learning activities.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 4.** Composting
- Activity 5.** Waste-to-Energy
- Activity 6.** Landfills
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Ninth Grade Language Arts Core

Standard 1 (Reading): Students will use vocabulary development and an understanding of text elements and structures to comprehend literary and informational grade level text.

Objective 1 (Word Analysis, Vocabulary Development): Determine word meaning through word parts, definitions, and context clues.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 4.** Composting
- Activity 5.** Waste-to-Energy
- Activity 6.** Landfills

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Objective 2 (Comprehension of Informational Text): Comprehend and evaluate informational text (i.e., web pages, newspapers, magazines, encyclopedias, maps, schedules).

Activity 1. The Waste Stream

Activity 3. Recycling and Economics

Activity 5. Waste-to-Energy

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

Standard 2 (Writing): Students will write informational and literary text to reflect on and recreate experiences, report observations, and persuade others.

Objective 1 (Writing to Learn): Compare multiple ideas and perspectives to extend thinking through writing.

Activity 1. The Waste Stream

Activity 8. Success Stories and Personal Choices

Objective 2 (Extended Writing): Write to identify and reflect on feelings to recreate experiences. (Emphasize autobiographical or narrative essays. Students should use the entire writing process to produce at least one extended piece per term, not necessarily limited to the type of writing emphasized at individual grade level.)

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 8. Success Stories and Personal Choices

Standard 3 (Inquiry/Research/Oral Presentation): Students will understand the process of seeking and giving information in conversations, group discussions, written reports, and oral presentations.

Objective 1 (Processes of Inquiry): Use the process of inquiry to focus thinking toward understanding an idea or concept.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 5. Waste-to-Energy

Activity 6. Landfills

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

Objective 2 (Written Communication of Inquiry): Write to demonstrate understanding of an idea or concept.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 8. Success Stories and Personal Choices

If you have any additions or comments about these correlations, please contact USEE at (801) 328-1549.

Objective 3 (Oral Communication of Inquiry): Participate in and report on small group learning activities.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 5.** Waste-to-Energy
- Activity 6.** Landfills
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Tenth Grade Language Arts Core

Standard 1 (Reading): Students will use vocabulary development and an understanding of text elements and structures to comprehend literary and informational grade level text.

Objective 1 (Word Analysis, Vocabulary Development): Determine word meaning through word parts, definitions, and context clues.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 4.** Composting
- Activity 5.** Waste-to-Energy
- Activity 6.** Landfills

Objective 2 (Comprehension of Informational Text): Comprehend and evaluate informational text (i.e., web pages, newspapers, magazines, encyclopedias, maps, schedules).

- Activity 1.** The Waste Stream
- Activity 3.** Recycling and Economics
- Activity 5.** Waste-to-Energy
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Standard 2 (Writing): Students will write informational and literary text to reflect on and recreate experiences, report observations, and persuade others.

Objective 1 (Writing to Learn): Interpret and analyze ideas and perspectives to clarify thinking through writing.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 4.** Composting
- Activity 8.** Success Stories and Personal Choices

Objective 2 (Extended Writing): Write to persuade others. (Emphasize persuasive compositions. Students should use the entire writing process to produce at least one extended piece per term, not necessarily limited to the type of writing emphasized at individual grade level.)

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 8. Success Stories and Personal Choices

Standard 3 (Inquiry/Research/Oral Presentation): Students will understand the process of seeking and giving information in conversations, group discussions, written reports, and oral presentations.

Objective 1 (Processes of Inquiry): Use the process of inquiry to examine multiple points of view.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 5. Waste-to-Energy

Activity 6. Landfills

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

Objective 2 (Written Communication of Inquiry): Write to analyze multiple points of view.

Activity 2. Source Reduction

Activity 8. Success Stories and Personal Choices

Objective 3 (Oral Communication of Inquiry): Conduct interviews to support inquiry.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 3. Recycling and Economics

Activity 5. Waste-to-Energy

Activity 6. Landfills

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

Eleventh Grade Language Arts Core

Standard 1 (Reading): Students will use vocabulary development and an understanding of text elements and structures to comprehend literary and informational grade level text.

Objective 1 (Word Analysis, Vocabulary Development): Determine word meaning through word parts, definitions, and context clues.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 3. Recycling and Economics

Activity 4. Composting

Activity 5. Waste-to-Energy

If you have any additions or comments about these correlations, please contact USEE at (801) 328-1549.

Activity 6. Landfills

Activity 8. Success Stories and Personal Choices

Objective 2 (Comprehension of Informational Text): Comprehend and evaluate informational text (i.e., web pages, newspapers, magazines, encyclopedias, maps, schedules).

Activity 1. The Waste Stream

Activity 5. Waste-to-Energy

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

Standard 2 (Writing): Students will write informational and literary text to reflect on and recreate experiences, report observations, and persuade others.

Objective 1 (Writing to Learn): Interpret and analyze ideas and perspectives to clarify thinking through writing.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 4. Composting

Activity 8. Success Stories and Personal Choices

Objective 2 (Extended Writing): Write to analyze literary text and explain informational text. (Emphasize expository writing. Students should use the entire writing process to produce at least one extended piece per term, not necessarily limited to the type of writing emphasized at individual grade levels.)

Activity 2. Source Reduction

Standard 3 (Inquiry/Research/Oral Presentation): Students will understand the process of seeking and giving information in conversations, group discussions, written reports, and oral presentations.

Objective 1 (Processes of Inquiry): Use the process of inquiry to problem-solve and deepen understanding.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 3. Recycling and Economics

Activity 4. Composting

Activity 5. Waste-to-Energy

Activity 6. Landfills

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

Objective 2 (Written Communication of Inquiry): Write to synthesize information to solve a problem or deepen understanding.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 4. Composting

Activity 8. Success Stories and Personal Choices

If you have any additions or comments about these correlations, please contact USEE at (801) 328-1549.

Objective 3 (Oral Communication of Inquiry): Plan and present orally using techniques appropriate to audience and purpose.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 4.** Composting
- Activity 5.** Waste-to-Energy
- Activity 6.** Landfills
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Twelfth Grade Language Arts Core

Standard 1 (Reading): Students will use vocabulary development and an understanding of text elements and structures to comprehend literary and informational grade level text.

Objective 1 (Word Analysis, Vocabulary Development): Determine word meaning through word parts, definitions, and context clues.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 4.** Composting
- Activity 5.** Waste-to-Energy
- Activity 6.** Landfills

Objective 2 (Comprehension of Informational Text): Comprehend and evaluate informational text (i.e., commentary, interviews, primary documents, speeches, essays).

- Activity 1.** The Waste Stream
- Activity 3.** Recycling and Economics
- Activity 5.** Waste-to-Energy
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Standard 2 (Writing): Students will write informational and literary text to reflect on and recreate experiences, report observations, and persuade others.

Objective 1 (Writing to Learn): Analyze and synthesize ideas and information to refine thinking through writing.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 8.** Success Stories and Personal Choices

Standard 3 (Inquiry/Research/Oral Presentation): Students will understand the process of seeking and giving information in conversations, group discussions, written reports, and oral presentations.

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Objective 1 (Processes of Inquiry): Use the process of inquiry to explore, compile, and report research.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 4.** Composting
- Activity 5.** Waste-to-Energy
- Activity 6.** Landfills
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Objective 2 (Written Communication of Inquiry): Write to evaluate and report research results.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 4.** Composting
- Activity 8.** Success Stories and Personal Choices

Objective 3 (Oral Communication of Inquiry): Make oral presentations of research findings using visual media.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 4.** Composting
- Activity 5.** Waste-to-Energy
- Activity 6.** Landfills
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Library Media

Standard 1: Students will define a task and identify information needed.

Objective 1: Define an information problem.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 5.** Waste-to-Energy
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Objective 2: Identify the information needed.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 5.** Waste-to-Energy
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

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Standard 2: Students will identify, evaluate and select resources.

Objective 1: Determine a wide range of resources.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 5.** Waste-to-Energy
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Objective 2: Select the best resources.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 5.** Waste-to-Energy
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Standard 3: Students will locate resources and access information within resources.

Objective 1: Locate identified resources.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 5.** Waste-to-Energy
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Objective 2: Access information within resources.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 5.** Waste-to-Energy
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Standard 4: Students will engage and extract information.

Objective 1: Engage information.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 5.** Waste-to-Energy
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Objective 2: Extract information.

Activity 5. Waste-to-Energy

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

Standard 5: Students will organize, synthesize and present information.

Objective 1: Organize information from multiple resources.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 5. Waste-to-Energy

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

Objective 2: Present the result.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 5. Waste-to-Energy

Activity 7. Where Does Your Garbage Go?

Activity 8. Success Stories and Personal Choices

Standard 6: Students will evaluate the process and the product.

Objective 1: Judge the process for efficiency and effectiveness.

Activity 5. Waste-to-Energy

Objective 2: Judge the product for effectiveness.

Activity 5. Waste-to-Energy

Objective 3: Judge use of time in the library media center.

Activity 5. Waste-to-Energy

Science:

Earth Systems

Standard 2: Students will understand that the features of Earth's evolving environment affect living systems, and that life on Earth is unique in the solar system.

Objective 2: Analyze how ecosystems differ from each other due to abiotic and biotic factors.

Activity 4. Composting

Standard 4: Students will understand that water cycles through and between reservoirs in the hydrosphere and affects the other spheres of the Earth system.

Objective 1: Explain the water cycle in terms of its reservoirs, the movement between reservoirs, and the energy to move water. Evaluate the importance of freshwater to the biosphere.

Activity 6. Landfills

If you have any additions or comments about these correlations, please contact USEE at (801) 328-1549.

Standard 5: Students will understand that Earth's atmosphere interacts with and is altered by the lithosphere, hydrosphere, and biosphere.

Objective 1: Describe how matter in the atmosphere cycles through other Earth systems.

Activity 2. Source Reduction

Activity 4. Composting

Activity 5. Waste-to-Energy

Activity 6. Landfills

Objective 2: Trace ways in which the atmosphere has been altered by living systems and has itself strongly affected living systems over the course of Earth's history.

Activity 2. Source Reduction

Biology

Standard 1: Students will understand that living organisms interact with one another and their environment.

Objective 1: Summarize how energy flows through an ecosystem.

Activity 1. The Waste Stream

Objective 2: Explain relationships between matter cycles and organisms.

Activity 1. The Waste Stream

Activity 4. Composting

Activity 6. Landfills

Objective 3: Describe how interactions among organisms and their environment help shape ecosystems.

Activity 1. The Waste Stream

Physics

Standard 4: Students will understand transfer and conservation of energy.

Objective 2: Describe conservation of energy in terms of systems.

Activity 5. Waste-to-Energy

Objective 3: Describe common energy transformations and the effect on availability of energy.

Activity 5. Waste-to-Energy

Social Studies:

Utah Studies

Standard 1: Students will understand the interaction between Utah's geography and its inhabitants.

If you have any additions or comments about these correlations, please contact USEE at (801) 328-1549.

Objective 1: Investigate the relationship between physical geography and Utah's settlement, land use, and economy.

Activity 1. The Waste Stream

Activity 6. Landfills

Objective 2: Examine the interrelationship between Utah's climate, location, landforms, and life.

Activity 6. Landfills

Objective 3: Assess how natural resources sustain and enhance people's lives.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 4. Composting

Activity 6. Landfills

Objective 4: Examine how people affect the geography of Utah.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 5. Waste-to-Energy

Activity 6. Landfills

Activity 7. Where Does Your Garbage Go?

Standard 3: Students will understand the relationship between government and the people of Utah.

Objective 3: Assess the rights and responsibilities of citizenship.

Activity 5. Waste-to-Energy

Standard 6: Students will understand the impact of major contemporary events that concern the land and people of Utah.

Objective 1: Identify and investigate major contemporary events that affect individuals, institutions, and society.

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 3. Recycling and Economics

Activity 5. Waste-to-Energy

Activity 6. Landfills

Activity 7. Where Does Your Garbage Go?

United States History 1

Standard 1: Students will interpret the role of geography in shaping United States history.

Objective 1: Determine how geography affected the development of the United States.

Activity 1. The Waste Stream

If you have any additions or comments about these correlations, please contact USEE at (801) 328-1549.

Standard 2: Students will investigate the relationship between events of different time periods.

Objective 2: Analyze how contemporary concerns and events affect and are affected by history.

Activity 1. The Waste Stream

Activity 7. Where Does Your Garbage Go?

Geography for Life

Standard 1: Students will understand the world in spatial terms.

Objective 1: Use maps and other geographic tools to acquire information from a spatial perspective.

Activity 5. Waste-to-Energy

Activity 6. Landfills

Activity 7. Where Does Your Garbage Go?

Objective 3: Analyze the spatial organization of people, places and environments on the earth's surface.

Activity 5. Waste-to-Energy

Activity 6. Landfills

Activity 7. Where Does Your Garbage Go?

Standard 2: Students will understand the human and physical characteristics of places and regions.

Objective 1: Interpret place by its human and physical characteristics.

Activity 1. The Waste Stream

Activity 6. Landfills

Objective 3: Evaluate how culture and experience influence the way people live in places and regions

Activity 8. Success Stories and Personal Choices

Standard 3: Students will understand how physical processes shape the earth's surface.

Objective 1: Examine the physical processes that shape the earth's surface.

Activity 6. Landfills

Objective 2: Assess the characteristics and locations of ecosystems.

Activity 6. Landfills

Standard 4: Students will understand how human activities shape the earth's surface.

Objective 1: Analyze the characteristics, distribution, and migration of human populations on the earth's surface.

Activity 1. The Waste Stream

Activity 6. Landfills

Activity 7. Where Does Your Garbage Go?

If you have any additions or comments about these correlations, please contact USEE at (801) 328-1549.

Standard 5: Students will understand the interaction of physical and human systems.

Objective 1: Explore how humans change the environment and how the environment changes humans.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 5.** Waste-to-Energy
- Activity 6.** Landfills
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Objective 2: Assess the importance of natural and human resources.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 4.** Composting
- Activity 5.** Waste-to-Energy
- Activity 6.** Landfills
- Activity 7.** Where Does Your Garbage Go?
- Activity 8.** Success Stories and Personal Choices

Standard 6: Students will use geographic knowledge to connect to today's world.

Objective 1: Apply geographic concepts to interpret the past.

- Activity 1.** The Waste Stream
- Activity 7.** Where Does Your Garbage Go?

Objective 2: Apply geographic concepts to interpret the present and plan for the future.

- Activity 1.** The Waste Stream
- Activity 2.** Source Reduction
- Activity 3.** Recycling and Economics
- Activity 5.** Waste-to-Energy
- Activity 7.** Where Does Your Garbage Go?

United States History 2

Standard 2: Students will understand how the growth of industry changed the United States.

Objective 1: Assess how transportation, communication, and marketing improvements and innovations transformed the American economy in the late 19th and early 20th centuries.

- Activity 2.** Source Reduction?
- Activity 7.** Where Does Your Garbage Go?

Objective 4: Investigate the challenges presented to urban inhabitants.

- Activity 1.** The Waste Stream
- Activity 5.** Waste-to-Energy
- Activity 7.** Where Does Your Garbage Go?

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Standard 10: The students will understand economic and political changes in contemporary America.

Objective 1: Analyze the economy of the contemporary United States.

Activity 3. Recycling and Economics

United States Government and Citizenship

Standard 4: Students will understand the responsibilities of citizens in the US.

Objective 2: Investigate ways in which responsible citizens take part in civic life.

Activity 3. Recycling and Economics

Activity 5. Waste-to-Energy

Activity 8. Success Stories and Personal Choices

Objective 3: Assess methods for respectfully dealing with differences.

Activity 5. Waste-to-Energy

Activity 8. Success Stories and Personal Choices

Standard 5: Students will understand basic economic principles and how they influence everyday life.

Objective 1: Explore major economic systems.

Activity 2. Source Reduction

Activity 3. Recycling and Economics

Objective 2: Determine how supply and demand affect the availability of goods and services.

Activity 3. Recycling and Economics

Activity 5. Waste-to-Energy

Educational Technology

Standard 2: Make informed choices among technology systems, resources, and services. (1, 2)

Activity 3. Recycling and Economics

Activity 5. Waste-to-Energy

Activity 7. Where Does Your Garbage Go?

Standard 4: Demonstrate and advocate legal and ethical behaviors among peers, family, and community regarding the use of technology and information. (2)

Activity 2. Source Reduction

Activity 5. Waste-to-Energy

Standard 5: Use technology tools and resources for managing and communicating personal/professional information (e.g., finances, schedules, addresses, purchases, correspondence). (3, 4)

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Activity 3. Recycling and Economics

Standard 6: Evaluate technology-based options, including distance and distributed education, for lifelong learning. (5)

Activity 7. Where Does Your Garbage Go?

Standard 7: Routinely and efficiently use on-line information resources to meet needs for collaboration, research, publications, communications, and productivity. (4, 5, 6)

Activity 1. The Waste Stream

Activity 2. Source Reduction

Activity 5. Waste-to-Energy

Activity 7. Where Does Your Garbage Go?

Standard 8: Select and apply technology tools for research, information analysis, problem solving, and decision-making in content learning.

Activity 1. The Waste Stream

Activity 5. Waste-to-Energy

Activity 7. Where Does Your Garbage Go?

Standard 9: Investigate and apply expert systems, intelligent agents, and simulations in real world situations. (3, 5, 6)

Activity 3. Recycling and Economics

Activity 5. Waste-to-Energy

Activity 6. Landfills

Activity 7. Where Does Your Garbage Go?

Standard 10: Collaborate with peers, experts, and others to contribute to a content-related knowledge base by using technology to compile, synthesize, produce, and disseminate information, models, and other creative works.

Activity 1. The Waste Stream

Activity 5. Waste-to-Energy

Activity 6. Landfills

Activity 7. Where Does Your Garbage Go?

Math

Activity 1. The Waste Stream

Activity 3. Recycling and Economics

Activity 4. Composting

Activity 5. Waste-to-Energy?

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Activities and the Subjects, Standards and Objectives With Which They Correlate.

Key: 7.1 = Standard 7, Objective 1 () = grade level

Activity	Health Education	Language Arts	Library Media	Earth Systems	Biology	Geography for Life	Gov't and Citizenship	Educational Tech
Activity 1. The Waste System	5.4 7.1 7.5	1.1(all) 1.2 (all) 2.1(all) 2.2(7,8,9,10) 3.1(all) 3.2(8,9,11,12) 3.3(all)	1.1 1.2 2.1 2.2 3.1 3.2 4.1 5.1		1.1 1.2 1.3	2.1 4.1 5.1 5.2 6.1 6.2		7 8 10
Activity 2. Source Reduction	5.4 7.1 7.2	1.1(all) 2.1(8,10,11,12) 2.2(7,8,9,10,11) 3.1(all) 3.2(all) 3.3(all)	1.1 1.2 2.1 2.2 3.1 3.2 4.1 5.1	5.1 5.2		5.1 5.2 6.2	5.1	4 7
Activity 3. Recycling and Economics		1.1(all) 1.2(8,9,10,12) 3.1(7,8,11,12) 3.3(8,9,10,11,12)	1.1 1.2 2.1 2.2 3.1 3.2			6.2	4.2 5.1 5.2	2 5 9
Activity 4. Composting		1.1(all) 2.1(7,8,10,11) 2.2(7, 3.1(7,8,11,12) 3.2(7,8,11,12) 3.3(8,11,12)		2.2 5.1	1.2	5.2		
Activity 5. Waste-to- Energy	1.2 1.4 5.1 5.2 5.4 7.1 7.2	1.1(all) 1.2(all) 3.1(all) 3.2(7) 3.3(all)	1.1 1.2 2.1 2.2 3.1 3.2 4.1 4.2 5.1 6.1 6.2 6.3	5.1		1.1 1.3 5.1 5.2 6.2	4.2 4.3 5.2	2 4 7 8 9 10
Activity 6.		1.1(all)		4.1	1.2	1.1		9

If you have any additions or comments about these correlations, please contact USEE at (801) 328-1549.

Landfills		1.2(8) 3.1(all) 3.3(8,9,10,11,12)		5.1		1.3 2.1 3.1 3.2 4.1 5.1 5.2		10
Activity 7. Where Does Your Garbage Go?		1.2(7,8,9,10,12) 2.1(7,11) 3.1(all) 3.2(7) 3.3(all)	1.1 1.2 2.1 2.2 3.1 3.2 4.1 4.2 5.1			1.1 1.3 4.1 5.1 5.2 6.1 6.2		2 6 7 8 9 10
Activity 8. Success Stories and Personal Choices	1.1 1.4 5.1 7.2	1.2(7,9,10,11,12) 2.1(7,9,10,11,12) 2.2(all) 3.1(all) 3.2(all) 3.3(all)	1.1 1.2 2.1 2.2 3.1 3.2 4.1 4.2 5.1 5.2			2.3 5.1 5.2	4.2 4.3	

Activity	Physics	Utah Studies	United States History 1	United States History 2	Math
Activity 1. The Waste System		1.1 1.3 1.4 6.1	1.1 2.2	2.4	√
Activity 2. Source Reduction		1.3 1.4 6.1		2.1	
Activity 3. Recycling and Economics		6.1		10.1	√
Activity 4. Composting		1.3			√
Activity 5. Waste-to-Energy	4.2 4.3	1.4 3.3 6.1		2.4	√
Activity 6. Landfills		1.1 1.2 1.3 1.4			

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		6.1			
Activity 7. Where Does Your Garbage Go?		1.4 6.1	2.2	2.1 2.4	

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