

Wyoming Project Learning Tree

Correlation Key for Grades 5-8 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 Pre-K - 8 Environmental Educational Activity Guide* (2006 edition) with a reference guide in how PLT's activities correlate to the Wyoming Content and Performance Standards for grades 5-8. 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*

LANGUAGE ARTS, Grades 5-8

LA 1. READING:

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

LA 8.1.1: Students use the reading process to apply a variety of comprehension strategies before, during and after reading.

5	Poet Tree	*	3-8
7	Habitat Pen Pals	o	3-6
8	Forest of S.T. Shrew	o	1-6
13	We All Need Trees	o	K-6
17	People of the Forest	o	5-8
18	Tale of the Sun	o	K-6
26	Dynamic Duos	o	5-8
33	Forest Consequences	o	6-8
35	Loving It Too Much	o	6-8
49	Tropical Treehouse	o	K-8
59	Power of Print	o	3-8
80	Nothing Succeeds Like Succession	o	3-6
86	Our Changing World	o	5-8
89	Trees for Many Reasons	o	2-8
90	The Native Way	o	4-8
91	In the Good Old Days	o	4-8
92	A Look at Lifestyles	o	5-8

LA 8.1.2: Students read and interpret a variety of literary texts.

5	Poet Tree	*	3-8
8	Forest of S.T. Shrew	o	1-6
17	People of the Forest	o	5-8
80	Nothing Succeeds Like Succession	o	3-6
89	Trees for Many Reasons	o	2-8
90	The Native Way	o	4-8
92	A Look at Lifestyles	o	5-8

LA 8.1.3: Students read and demonstrate understanding of informational texts.

11	Can It Be Real?	o	4-8
12	Invasive Species	o	5-8
13	We All Need Trees	o	K-6
14	Renewable or Not	o	4-8
17	People of the Forest	o	5-8
19	Viewpoints on the Line	o	6-8
26	Dynamic Duos	o	5-8

LA 8.1.3: (continued)

33	Forest Consequences	o	6-8
35	Loving It Too Much	o	6-8
39	Energy Sleuths	o	K-8
49	Tropical Treehouse	o	K-8
56	We Can Work It Out	o	5-8
58	There Ought to Be a Law	o	3-8
59	Power of Print	o	3-8
60	Publicize It	o	5-8
71	Watch on Wetlands	o	7-8
76	Tree Cookies	o	1-8
77	Trees in Trouble	o	1-8
79	Tree Life Cycle	o	K-6
82	Resource-Go-Round	o	4-8
84	The Global Climate	o	6-8
86	Our Changing World	o	5-8
88	Life on the Edge	o	4-8
91	In the Good Old Days	o	4-8
92	A Look at Lifestyles	o	5-8
93	Paper Civilization	o	4-8
95	Did You Notice?	o	K-8

LA 2. WRITING:

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

LA 8.2.1: Students apply writing skills to plan, draft, revise, and publish writing for intended audiences.

2	Get in Touch with Trees	*	5-6
5	Poet Tree	*	3-8
7	Habitat Pen Pals	o	3-6
8	Forest of S.T. Shrew	o	1-6
9	Planet Diversity	o	4-6
11	Can It Be Real?	o	4-8
17	People of the Forest	*	5-8
21	Adopt a Tree	o	K-8
44	Water Wonders	o	4-8
49	Tropical Treehouse	o	K-8
55	I'd Like to Visit a Place Where....	o	K-8
59	Power of Print	*	3-8
60	Publicize It	o	5-8
71	Watch on Wetlands	o	7-8
91	In the Good Old Days	o	4-8

LA 8.2.2: Students use appropriate strategies to write a variety of expressive and expository pieces.

5	Poet Tree	*	3-8
7	Habitat Pen Pals	o	3-6
8	Forest of S.T. Shrew	o	1-6
9	Planet Diversity	o	4-6
17	People of the Forest	o	5-8
55	I'd Like to Visit a Place Where....	o	K-8
59	Power of Print	*	3-8
71	Watch on Wetlands	o	7-8

LA 3. SPEAKING AND LISTENING:

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

LA 8.3.1: Students speak on a focused topic with clear organization, substantial content, and audience awareness.

5	Poet Tree	*	3-8
17	People of the Forest	o	5-8
19	Viewpoints on the Line	o	6-8
33	Forest Consequences	o	6-8
47	Are Vacant Lots Vacant?	o	K-8
56	We Can Work It Out	o	5-8
59	Power of Print	*	3-8
71	Watch on Wetlands	o	7-8
86	Our Changing World	o	5-8

LA 8.3.2: Students use effective delivery skills (volume, eye contact, posture, poise gestures, enunciation and reflection) appropriate to audience and purpose.

5	Poet Tree	*	3-8
11	Can It Be Real?	o	4-8
19	Viewpoints on the Line	o	6-8
17	People of the Forest	o	5-8
33	Forest Consequences	o	6-8
47	Are Vacant Lots Vacant?	o	K-8
56	We Can Work It Out	o	5-8
59	Power of Print	o	3-8
86	Our Changing World	o	5-8

LA 8.3.3: Students use multi-media to support presentations when appropriate.

5	Poet Tree	o	3-8
9	Planet Diversity	o	4-6
17	People of the Forest	o	5-8
39	Energy Sleuths	o	K-8
47	Are Vacant Lots Vacant?	o	K-8
86	Our Changing World	o	5-8
88	Life on the Edge	o	4-8
91	In the Good Old Days	o	4-8

LA 8.3.4: Students use strategies to present oral interpretations of literature.

5	Poet Tree	*	3-8
89	Trees for Many Reasons	o	2-8

LA 8.3.5: Students use strategies to contribute to group discussions, including building upon previous comments.

* The majority of PLT activities give students opportunities to practice this skill.

LA 8.3.6: Students take notes and give relevant, appropriate feedback to speakers in formal and informal settings.

9	Planet Diversity	o	4-6
17	People of the Forest	o	5-8
56	We Can Work It Out	o	5-8
59	Power of Print	o	3-8

LA 8.3.7: Students understand and analyze techniques used in various media such as propaganda, images, and symbols central to a particular message, and visual techniques used to influence opinions, decision-making, and cultural perceptions.

59	Power of Print	*	3-8
88	Life on the Edge	o	4-8

MATH, Grades 5-8

MA 1. NUMBER OPERATIONS AND CONCEPTS:

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

MA 8.1.1: Students represent and apply numbers in a variety of equivalent forms (such as changing from percent to decimal to fraction, etc.) and in a problem-solving context.

84	The Global Climate	o	6-8
85	In the Drivers Seat	o	5-8

MA 8.1.2: Students extend understanding and use of basic arithmetic operations on rational numbers.

50	400-Acre Wood	*	7-8
66	Germinating Giants	o	4-6
67	How Big is Your Tree	o	K-8
70	Soil Stories	o	5-8
73	Waste Watchers	o	4-8
84	The Global Climate	o	6-8
85	In the Drivers Seat	o	5-8

MA 8.1.3: Students explain their choice of estimation and problem-solving strategies and justify results of solutions in problem-solving situations involving rational numbers.

28	Air Plants	o	3-6
38	Every Drop Counts	o	4-8
66	Germinating Giants	o	4-6
67	How Big is Your Tree	o	K-8
73	Waste Watchers	o	4-8

MA 8.1.4: Students understand properties of operations with rational numbers.

66	Germinating Giants	o	4-6
67	How Big is Your Tree	o	K-8
73	Waste Watchers	o	4-8

MA 2. GEOMETRY:

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

- MA 8.2.1: Students classify and describe one-, two-, and three-dimensional geometric objects including: lines, rays, segments, and angles....**
- MA 8.2.2: Students make conjectures about geometric objects....**
- MA 8.2.3: Students use geometric formulas including the Pythagorean Theorem.**
- MA 8.2.4: Students communicate in reasoning used in identifying geometric relationships in problem-solving situations appropriate to grade level.**
- MA 8.2.5: Students represent geometric figures using a rectangular coordinate plane.**

n/c

MA 3. MEASUREMENT:

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

- MA 8.3.1: Students apply estimation and measurement of weight/mass to content problems and convert within U.S. customary and within metric units (mg, g, kg).**

70	Soil Stories	*	5-8
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- MA 8.3.2: Students apply estimation and measurement of capacity/volume to content problems and convert within metric units (ml,l).**

38	Every Drop Counts	o	4-8
70	Soil Stories	*	5-8

- MA 8.3.3: Students select and use appropriate methods, tools, and units to solve problems involving angle measure, perimeter, circumference, area (including circle), and volume of rectangular solids.**

66	Germinating Giants	o	4-6
67	How Big is Your Tree	*	K-8

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 8.4.1: Students translate word phrases, which involve the four basic operations, to mathematical expressions.

67 How Big is Your Tree o K-8

MA 8.4.2: Students solve one- and two-step linear equations each with an integer coefficient and integer solutions.

MA 8.4.3: Students evaluate algebraic expressions and formulas given integer values for variables.

MA 8.4.4: Using simple linear equations, students create a table, and graph the solutions on the coordinate system.

n/c

MA 5. DATA ANALYSIS AND PROBABILITY:

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

MA 8.5.1: Students systematically collect, organize, describe, analyze and represent data using tables, charts, diagrams, and graphs.

4	Sounds Around	*	6-8
9	Planet Diversity	*	4-6
12	Invasive Species	o	5-8
16	Pass the Plants	o	K-8
25	Birds and Worms	*	K-6
29	Rain Reasons	*	6-8
37	Reduce, Reuse, Recycle	o	1-6
38	Every Drop Counts	*	4-8
41	How Plants Grow	*	4-8
47	Are Vacant Lots Vacant?	*	K-8
48	Field Forest and Stream	o	1-8
66	Germinating Giants	o	4-6
67	How Big is Your Tree	o	K-8
73	Waste Watchers	o	4-8
77	Trees in Trouble	o	1-8
80	Nothing Succeeds Like Succession	o	3-6
81	Living with Fire	o	K-8
84	The Global Climate	*	6-8

MA 8.5.2: Students calculate mean, median, mode and range for data sets and use in real-world setting appropriate to grade level.

25	Birds and Worms	o	K-6
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MA 8.5.3: Students predict, compare and calculate probable outcomes of experiments or simulations.

25	Birds and Worms	o	K-6
29	Rain Reasons	*	6-8
38	Every Drop Counts	*	4-8
41	How Plants Grow	*	4-8
70	Soil Stories	o	5-8
73	Waste Watchers	o	4-8

MA 8.5.4: Students communicate about the likelihood of events using concepts from probability such as impossible, equally likely and certain, appropriate to grade level.

4	Sounds Around	*	6-8
84	The Global Climate	o	6-8

SCIENCE, Grades 5-8

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 8.1.1: Levels of Organization in Living Systems: Students model the cell as the basic unit of a living system. They realize that all functions that sustain life act within a cell and cells differentiate into specialized cells, tissues, organs, and organ systems.

28	Air Plants	o	3-6
41	How Plants Grow	*	4-8
42	Shades of Green	o	2-8
43	Have Seeds Will Travel	*	K-8
61	The Closer You Look	o	K-6
63	Tree Factory	o	K-6
68	Name that Tree	o	2-8

SC 8.1.2: Reproduction and Heredity: Students describe reproduction as a characteristic of all living systems, which is essential to the continuation of species, and identify and interpret traits, patterns of inheritance, and the interaction between genetics and environment.

41	How Plants Grow	o	4-8
43	Have Seeds Will Travel	o	K-8
66	Germinating Giants	o	4-6

SC 8.1.3: Evolution as a Theory: Students explain evolution as a theory and apply the theory to the diversity of species, which results from natural selection and the acquisition of unique characteristics through biological adaptation.

n/c

SC 8.1.4: Diversity of Organisms: Students investigate the interconnectedness of organisms, identifying similarity and diversity of organisms through a classification system of hierarchical relationships and structural adaptation.

2	Get in Touch with Trees	o	5-6
3	Peppermint Beetle	*	5-6
4	Sounds Around	*	6-8
5	Poet Tree	*	3-8

SC 8.1.4: (continued)

7	Habitat Pen Pals	*	3-6
8	Forest of S.T. Shrew	*	1-6
9	Planet Diversity	o	4-6
10	Charting Diversity	o	4-8
11	Can It Be Real?	o	4-8
12	Invasive Species	*	5-8
18	Tale of the Sun	o	K-6
21	Adopt a Tree	o	K-8
22	Trees as Habitats	*	K-8
23	Fallen Log	*	4-8
25	Birds and Worms	o	K-6
45	Web of Life	*	4-8
46	School Yard Safari	*	K-5
48	Field Forest and Stream	o	1-8

SC 8.1.5: Behavior and Adaptation: Students recognize behavior as a response of an organism to an internal or environmental stimulus and connect the characteristics and behaviors of an organism to biological adaptation.

3	Peppermint Beetle	*	5-6
4	Sounds Around	*	6-8
10	Charting Diversity	o	4-8
11	Can It Be Real?	o	4-8
12	Invasive Species	o	5-8
25	Birds and Worms	*	K-6
41	How Plants Grow	*	4-8
42	Shades of Green	o	2-8
43	Have Seeds Will Travel	o	K-8
84	The Global Climate	o	6-8
88	Life on the Edge	o	4-8

SC 8.1.6: Interrelationships of Populations & Ecosystems: Students illustrate populations of organisms and their interconnectedness within an ecosystem, identifying relationships among producers, consumers and decomposers.

4	Sounds Around	*	6-8
12	Invasive Species	o	5-8
13	We All Need Trees	o	K-6
18	Tale of the Sun	o	K-6
20	Environmental Exchange Box	*	K-8
21	Adopt a Tree	o	K-8
22	Trees as Habitats	*	K-8

SC 8.1.6: (continued)

23	Fallen Log	*	4-8
24	Nature's Recyclers	*	1-6
25	Birds and Worms	*	K-6
26	Dynamic Duos	o	5-8
28	Air Plants	o	3-6
29	Rain Reasons	*	6-8
30	Three Cheers for Trees	o	1-6
32	Forest of Many Uses	o	1-8
33	Forest Consequences	o	6-8
37	Reduce, Reuse, Recycle	o	1-6
45	Web of Life	*	4-8
46	School Yard Safari	*	K-5
47	Are Vacant Lots Vacant?	o	K-8
49	Tropical Treehouse	o	K-8
50	400-Acre Wood	o	7-8
71	Watch on Wetlands	o	7-8
77	Trees in Trouble	o	1-8
79	Tree Life Cycle	o	K-6
80	Nothing Succeeds Like Succession	o	3-6
84	The Global Climate	*	6-8
88	Life on the Edge	o	4-8

EARTH, SPACE, AND PHYSICAL SYSTEMS

SC 8.1.7: The Earth in the Solar System: Students describe Earth as the third planet in the Solar System and understand the effects of the sun as a major source of energy gravitational forces, and motion of objects....

SC 8.1.8: The Structure of the Earth System: Students examine the structure of the Earth, identifying layers of the Earth, considering plate movement and its effects, and recognizing landforms resulting from constructive and destructive forces.

SC 8.1.9: The Earth's History: Students systematize the Earth's history in terms of geologic evidence, comparing past and present Earth processes and identifying catastrophic events and fossil evidence.

n/c

SC 8.1.10: The Structure and Properties of Matter: Students identify characteristic properties of matter such as density, solubility, and boiling point and understand that elements are the basic components of matter

44	Water Wonders	o	4-8
84	The Global Climate	o	6-8

SC 8.1.11: Physical and Chemical Changes in Matter: Students evaluate chemical and physical changes, recognizing that chemical change forms compounds with different properties and that physical change alters the appearance but not the composition of a substance.

23	Fallen Log	o	4-8
44	Water Wonders	o	4-8
52	A Look at Aluminum	o	5-8
84	The Global Climate	o	6-8

SC 8.1.12: Forms and Uses of Energy: Students investigate energy as a property of substances in a variety of forms with a range of uses.

39	Energy Sleuths	*	K-8
53	On the Move	o	K-8
73	Waste Watchers	o	4-8
85	In the Drivers Seat	o	5-8

SC 8.1.13: Conservation of Matter and Energy: Students identify supporting evidence to explain conservation of matter and energy, indicating that matter or energy cannot be created or destroyed but is transferred from one object to another.

14	Renewable or Not	o	4-8
52	A Look at Aluminum	o	5-8
53	On the Move	o	K-8
73	Waste Watchers	o	4-8

SC 8.1.14: Effects of Motions and Forces: Students describe motion of an object by position, direction, and speed, and identify the effects of force and inertia on an object.

n/c

SC 2. SCIENCE AS INQUIRY:

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

SC 8.2.1: Students research scientific information and present findings through appropriate means.

2	Get in Touch with Trees	o	5-6
3	Peppermint Beetle	o	5-6
4	Sounds Around	*	6-8
7	Habitat Pen Pals	*	3-6

SC 8.2.1: (continued)

10	Charting Diversity	o	4-8
11	Can It Be Real?	o	4-8
12	Invasive Species	o	5-8
13	We All Need Trees	o	K-6
14	Renewable or Not	o	4-8
15	A Few of My Favorite Things	o	4-8
16	Pass the Plants	o	K-8
17	People of the Forest	o	5-8
20	Environmental Exchange Box	o	K-8
21	Adopt a Tree	o	K-8
22	Trees as Habitats	*	K-8
23	Fallen Log	o	4-8
24	Nature's Recyclers	o	1-6
25	Birds and Worms	o	K-6
32	Forest of Many Uses	o	1-8
33	Forest Consequences	o	6-8
39	Energy Sleuths	*	K-8
41	How Plants Grow	*	4-8
42	Shades of Green	o	2-8
45	Web of Life	o	4-8
70	Soil Stories	o	5-8
71	Watch on Wetlands	o	7-8
72	Air We Breathe	o	6-8
73	Waste Watchers	o	4-8
76	Tree Cookies	o	1-8
77	Trees in Trouble	o	1-8
81	Living with Fire	o	K-8
82	Resource-Go-Round	o	4-8
85	In the Drivers Seat	*	5-8
86	Our Changing World	o	5-8
92	A Look at Lifestyles	*	5-8

SC 8.2.2: Students use inquiry to conduct scientific investigations.

4	Sounds Around-Part B	*	6-8
9	Planet Diversity	o	4-6
21	Adopt a Tree	o	K-8
22	Trees as Habitats	*	K-8
24	Nature's Recyclers	*	1-6
25	Birds and Worms	o	K-6
29	Rain Reasons	*	6-8
41	How Plants Grow	*	4-8
42	Shades of Green	o	2-8
70	Soil Stories	o	5-8

SC 8.2.2: (continued)

71	Watch on Wetlands	o	7-8
72	Air We Breathe	o	6-8
73	Waste Watchers	o	4-8
76	Tree Cookies	o	1-8
77	Trees in Trouble	o	1-8
80	Nothing Succeeds Like Succession	*	3-6
81	Living with Fire	o	K-8

SC 8.2.3: Students clearly and accurately communicate the result of their own work, as well as information obtained from other sources.

9	Planet Diversity	o	4-6
12	Invasive Species	o	5-8
22	Trees as Habitats	*	K-8
24	Nature's Recyclers	*	1-6
25	Birds and Worms	o	K-6
71	Watch on Wetlands	o	7-8
72	Air We Breathe	o	6-8
84	The Global Climate	o	6-8

SC 8.2.4: Students recognize the relationship between science and technology in meeting human needs.

13	We All Need Trees	*	K-6
34	Who Works In This Forest	*	3-6
35	Loving It Too Much	o	6-8
36	Pollution Search	o	K-6
37	Reduce, Reuse, Recycle	o	1-6
39	Energy Sleuths	o	K-8
51	Make Your Own Paper	o	1-8
52	A Look at Aluminum	o	5-8
53	On the Move	o	K-8
72	Air We Breathe	o	6-8
82	Resource-Go-Round	o	4-8
86	Our Changing World	o	5-8
93	Paper Civilization	o	4-8

SC 8.2.5 Students properly use scientific and safety equipment, recognize hazards and safety symbols, and observe standard safety procedures.

9	Planet Diversity	o	4-6
71	Watch on Wetlands	o	7-8
72	Air We Breathe	o	6-8

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. Historically, scientific events have had significant impacts on our cultural heritage.

SC 8.3.1: Students explore the nature and history of science. (A) Students explore how scientific knowledge changes and grows over time, and impacts personal and social decisions. (B) Students explore the historical use of scientific information to make personal and social decision.

12	Invasive Species	o	5-8
18	Tale of the Sun	o	K-6
91	In the Good Old Days	*	4-8

SC 8.3.2: Students explore how scientific information is used to make decisions. (A) The role of science in solving personal, local and national problems. (B) Interdisciplinary connections to other subject areas and careers in science or technical fields. (C) Origins and conservation of natural resources including Wyoming examples.

4	Sounds Around-Part B	*	6-8
12	Invasive Species	*	5-8
13	We All Need Trees	o	K-6
14	Renewable or Not	*	4-8
15	A Few of My Favorite Things	o	4-8
16	Pass the Plants	o	K-8
19	Viewpoints on the Line	o	6-8
20	Environmental Exchange Box	o	K-8
28	Air Plants	o	3-6
30	Three Cheers for Trees	o	1-6
32	Forest of Many Uses	*	1-8
33	Forest Consequences	o	6-8
34	Who Works In This Forest	*	3-6
35	Loving It Too Much	*	6-8
36	Pollution Search	o	K-6
37	Reduce, Reuse, Recycle	o	1-6
38	Every Drop Counts	*	4-8
39	Energy Sleuths	o	K-8
49	Tropical Treehouse	o	K-8
50	400-Acre Wood	o	7-8
52	A Look At Aluminum	o	5-8
53	On the Move	o	K-8
54	I'd Like to Visit a Place Where....	o	K-8
60	Publicize It	o	5-8

SC 8.3.2: (continued)

69	Forest for the Trees	o	4-8
70	Soil Stories	o	5-8
71	Watch on Wetlands	o	7-8
72	Air We Breathe	o	6-8
73	Waste Watchers	o	4-8
81	Living with Fire	o	K-8
82	Resource-Go-Round	o	4-8
83	Peek at Packaging	o	5-8
84	The Global Climate	*	6-8
85	In the Drivers Seat	o	5-8
86	Our Changing World	o	5-8
89	Trees for Many Reasons	o	2-8
91	In the Good Old Days	o	4-8

SOCIAL STUDIES, Grades 5-8

SS 1. CITIZENSHIP, GOVERNMENT/DEMOCRACY:

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

SS 8.1.1: Students identify the rights, duties and responsibilities of a U.S. Citizen.

37	Reduce, Reuse, Recycle	o	1-6
57	Democracy in Action	o	5-8
58	There Ought to Be a Law	o	3-8
96	Improve Your Place	o	5-8

SS 8.1.2: Students understand the historical perspective and issues involved in the development of the U.S. Constitution.

SS 8.1.3: Students recognize the basic principles of the U.S. Constitution, Bill of Rights, and other amendments and are able to identify those principles in real-life scenarios.

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 8.2.1: Students explain how family systems, religion, language, literature, and the arts contribute to the development of cultures.

n/c

SS 8.2.2: Students describe cultural diversity and the interdependence of cultures.

5	Poet Tree	o	3-8
16	Pass the Plants	o	K-8
17	People of the Forest	o	5-8
18	Tale of the Sun	o	K-8
20	Environmental Exchange Box	*	K-8
59	Power of Print	o	3-8
90	The Native Way	o	4-8
92	A Look at Lifestyles	o	5-8

SS 3. PRODUCTION, DISTRIBUTION AND CONSUMPTION:
Students demonstrate an understanding of economic principles and concepts and describe the influence of economic factors on societies.

SS 8.3.1: Students communicate how economic considerations influence personal, local, state, national, and international decision-making.

19	Viewpoints on the Line	*	6-8
20	Environmental Exchange Box	o	K-8
33	Forest Consequences	o	6-8
50	400-Acre Wood	o	7-8
55	Planning the Ideal Community	o	1-8
56	We Can Work It Out	o	5-8

SS 8.3.2: Students describe the systems of exchange of past and present.

n/c

SS 8.3.3: Students recognize basic concepts of economic systems.

19	Viewpoints on the Line	o	6-8
34	Who Works In This Forest	o	3-6
50	400-Acre Wood	o	7-8
55	Planning the Ideal Community	o	1-8
56	We Can Work It Out	o	5-8

SS 4. TME, 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 8.4.1: Students identify people, events, problems, conflicts and ideas and explain their historical significance.

35	Loving It Too Much	o	6-8
90	The Native Way	o	4-8
93	Paper Civilization	o	4-8
95	Did You Notice?	o	K-8

SS 8.4.2: Students discuss current events to better understand the world in which they live.

19	Viewpoints on the Line	o	6-8
35	Loving It Too Much	o	6-8
36	Pollution Search	*	K-6

SS 8.4.2: (continued)

37	Reduce, Reuse, Recycle	o	1-6
38	Every Drop Counts	o	4-8
55	Planning the Ideal Community	o	1-8
56	We Can Work It Out	o	5-8

SS 8.4.3: Students analyze the impact of historical events and people on present conditions, situations, or circumstances.

35	Loving It Too Much	o	6-8
40	Then and Now	o	3-6
91	In the Good Old Days	*	4-8
95	Did You Notice?	o	K-8

SS 5. PEOPLE, PLACES AND ENVIRONMENTS:

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

SS 8.5.1: Students use charts, maps and graphs to answer questions dealing with people, places, events, or environments.

12	Invasive Species	o	5-8
21	Adopt a Tree	o	K-8
29	Rain Reasons	*	6-8
55	Planning the Ideal Community	*	1-8
71	Watch on Wetlands	o	7-8
84	The Global Climate	*	6-8

SS 8.5.2: Students apply the themes of geography to topics being studied.

4	Sounds Around	o	6-8
12	Invasive Species	o	5-8
13	We All Need Trees	o	K-6
17	People of the Forest	o	5-8
18	Tale of the Sun	o	K-6
19	Viewpoints on the Line	o	6-8
20	Environmental Exchange Box	o	K-8
21	Adopt a Tree	o	K-8
22	Trees as Habitats	o	K-8
29	Rain Reasons	*	6-8
30	Three Cheers for Trees	o	1-6
31	Plant a Tree	o	1-8
32	Forest of Many Uses	o	1-8
33	Forest Consequences	o	6-8

SS 8.5.2: (continued)

34	Who Works In This Forest	o	3-6
35	Loving It Too Much	*	6-8
36	Pollution Search	*	K-6
37	Reduce, Reuse, Recycle	*	1-6
38	Every Drop Counts	o	4-8
40	Then and Now	o	3-6
44	Water Wonders	o	4-8
50	400-Acre Wood	o	7-8
53	On the Move	o	K-8
54	I'd Like to Visit a Place Where....	o	K-8
55	Planning the Ideal Community	*	1-8
56	We Can Work it Out	*	5-8
71	Watch on Wetlands	o	7-8
75	Tipi Talk	o	4-8
80	Nothing Succeeds Like Succession	o	3-6
82	Resource-Go-Round	o	4-8
84	The Global Climate	o	6-8
85	In the Drivers Seat	o	5-8
86	Our Changing World	o	5-8
88	Life on the Edge	o	4-8
89	Trees for Many Reasons	o	2-8
94	By the Rivers of Babylon	o	6-8

SS 8.5.3: Students demonstrate an ability to organize and process spatial information; i.e., *You Are Here* maps of various areas.

55	Planning the Ideal Community	*	1-8
71	Watch on Wetlands	o	7-8