

# Wyoming Project Learning Tree

## Correlation Key for Grades K-4 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 K-4. 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
- 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](http://www.wyomingplt.org) or contact Cheryl Selby, WY-PLT Coordinator at [wyoplt@yahoo.com](mailto:wyoplt@yahoo.com)*

## LANGUAGE ARTS, Grades K-4

### LA 1. READING:

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

#### **LA 4.1.1: 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 |
| 18 | Tale of the Sun                  | o | K-6 |
| 49 | Tropical Treehouse               | o | K-8 |
| 80 | Nothing Succeeds Like Succession | o | 3-6 |
| 90 | The Native Way                   | o | 4-8 |
| 91 | In the Good Old Days             | o | 4-8 |

#### **LA 4.1.2: Students demonstrate an understanding of literary texts.**

|    |                                  |   |     |
|----|----------------------------------|---|-----|
| 5  | Poet Tree                        | * | 3-8 |
| 8  | Forest of S.T. Shrew             | o | 1-6 |
| 18 | Tale of the Sun                  | o | K-6 |
| 80 | Nothing Succeeds Like Succession | o | 3-6 |
| 89 | Trees for Many Reasons           | o | 2-8 |
| 90 | The Native Way                   | o | 4-8 |

#### **LA 4.1.3: Students demonstrate an understanding of informational texts.**

|    |                         |   |     |
|----|-------------------------|---|-----|
| 11 | Can It Be Real?         | o | 4-8 |
| 13 | We All Need Trees       | o | K-6 |
| 14 | Renewable or Not        | o | 4-8 |
| 39 | Energy Sleuths          | o | K-8 |
| 49 | Tropical Treehouse      | o | K-8 |
| 58 | There Ought to be a Law | o | 3-8 |
| 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 |
| 88 | Life on the Edge        | o | 4-8 |
| 91 | In the Good Old Days    | o | 4-8 |
| 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 4.2.1: Students apply writing skills to plan, draft, revise, and publish writing.**

|    |                                     |   |     |
|----|-------------------------------------|---|-----|
| 2  | Get in Touch with Trees             | * | K-4 |
| 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 |
| 21 | Adopt a Tree                        | o | K-8 |
| 44 | Water Wonders                       | o | 4-8 |
| 54 | I'd Like to Visit a Place Where.... | o | K-8 |
| 91 | In the Good Old Days                | o | 4-8 |

### **LA 4.2.2: Students 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 |
| 49 | Tropical Treehouse                  | o | K-8 |
| 54 | I'd Like to Visit a Place Where.... | o | K-8 |

## **LA 3. SPEAKING/LISTENING:**

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

### **LA 4.3.1: Students speak on a focused topic with organization volume, posture, pace, eye contact, and relevant gestures.**

|    |                  |   |     |
|----|------------------|---|-----|
| 5  | Poet Tree        | * | 3-8 |
| 9  | Planet Diversity | o | 4-6 |
| 11 | Can It Be Real?  | o | 4-8 |

### **LA 4.3.2: Students use speaking strategies appropriate to different types of presentations.**

|    |                  |   |     |
|----|------------------|---|-----|
| 5  | Poet Tree        | * | 3-8 |
| 9  | Planet Diversity | o | 4-6 |
| 11 | Can It Be Real?  | o | 4-8 |
| 88 | Life on the Edge | o | 4-8 |

**LA 4.3.3: Students understand techniques used in various media such as basic propaganda techniques.**

|    |                      |   |     |
|----|----------------------|---|-----|
| 5  | Poet Tree            | o | 3-8 |
| 88 | Life on the Edge     | o | 4-8 |
| 91 | In the Good Old Days | o | 4-8 |

**LA 4.3.4: Students read aloud their own and others' texts fluently and expressively.**

|   |           |   |     |
|---|-----------|---|-----|
| 5 | Poet Tree | * | 3-8 |
|---|-----------|---|-----|

**LA4.3.5: Students speak and listen in small groups cooperatively.**

|    |                                     |   |     |
|----|-------------------------------------|---|-----|
| 9  | Planet Diversity                    | o | 4-6 |
| 12 | Invasive Species                    | o | 5-8 |
| 13 | We All Need Trees                   | o | K-6 |
| 14 | Renewable or Not                    | o | 4-8 |
| 24 | Nature's Recyclers                  | o | 1-6 |
| 31 | Plant a Tree                        | o | 1-8 |
| 39 | Energy Sleuths                      | o | K-8 |
| 43 | Have Seeds Will Travel              | o | K-8 |
| 44 | Water Wonders                       | o | 4-8 |
| 45 | Web of Life                         | o | 4-8 |
| 47 | Are Vacant Lots Vacant?             | o | K-8 |
| 48 | Field Forest and Stream             | o | 1-8 |
| 49 | Tropical Treehouse                  | o | K-8 |
| 53 | 400-Acre Wood                       | o | K-8 |
| 54 | I'd Like to Visit a Place Where.... | o | K-8 |
| 55 | Planning the Ideal Community        | o | K-8 |
| 58 | There Ought to be a Law             | o | 3-8 |
| 59 | Power of Print                      | o | 3-8 |
| 76 | Tree Cookies                        | o | 1-8 |
| 77 | Trees in Trouble                    | o | 1-8 |
| 79 | Tree Life Cycle                     | o | K-6 |
| 80 | Nothing Succeeds Like Succession    | o | 3-6 |
| 88 | Life on the Edge                    | o | 4-8 |
| 90 | The Native Way                      | o | 4-8 |
| 91 | In the Good Old Days                | o | 4-8 |
| 93 | Paper Civilization                  | o | 4-8 |
| 95 | Did You Notice?                     | o | K-8 |

## MATH, Grades K-4

### **MA 1. NUMBER OPERATIONS AND CONCEPTS:**

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

**MA 4.1.1: Students use the concept of place value to read and write whole numbers up to 999,999 in words, standard, and expanded form.**

**MA 4.1.2: Students compare and order whole numbers.**

**MA 4.1.3: Students use coins and bills to compare the values, make combinations up to \$10.00, and make change...up to \$5.00.**

n/c

**MA 4.1.4: Students demonstrate computational fluency with basic facts....**

28 Air Plants o 3-6

66 Germinating Giants o 4-6

73 Waste Watchers o 4-8

**MA 4.1.5: Students add and subtract to thousands and multiply hundreds by a single digit.**

66 Germinating Giants o 4-6

**MA 4.1.6: Students explain their choice of problem solving strategies and justify their results...in problem solving situations.**

73 Waste Watchers o 4-8

**MA 4.1.7: Students recognize commonly used fractions (halves, thirds, fourths) as parts of a whole using an area model.**

n/c

**MA 4.1.8: Students use estimation strategies to solve problems.**

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 4.3.5:** Students determine area and perimeter of rectangles and squares using models in problem-solving situations.
- MA 4.3.6:** Students use time, in problem-solving situations to: compare relationships among seconds, minutes, and hours; use elapsed time to the nearest minute.

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 4.4.1:** Students recognize, describe, extend, create, and generalize patterns by using manipulatives, numbers, and graphic representations.
- MA 4.4.2:** Students apply knowledge of appropriate grade level patterns when solving problems.
- MA 4.4.3:** Students explain a rule given a pattern or sequence.

n/c

**MA 5. DATA ANALYSIS AND PROBABILITY:**

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

- MA 4.5.1:** Students collect, organize, and compare data in graphs, Venn diagrams, tables, and charts.

|    |                                  |   |     |
|----|----------------------------------|---|-----|
| 9  | Planet Diversity                 | * | 4-6 |
| 16 | Pass the Plants                  | o | K-8 |
| 25 | Birds and Worms                  | * | K-6 |
| 36 | Pollution Search                 | o | K-6 |
| 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          | * | 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 |

**MA 4.5.2: Students communicate conclusions about a set of data by interpreting information using graphs, Venn diagrams, tables, and charts.**

|    |                                  |   |     |
|----|----------------------------------|---|-----|
| 9  | Planet Diversity                 | * | 4-6 |
| 25 | Birds and Worms                  | * | K-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          | * | 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 |

**MA 4.5.3: Students predict, perform, and record results of probability experiments.**

|    |                         |   |     |
|----|-------------------------|---|-----|
| 25 | Birds and Worms         | o | K-6 |
| 38 | Every Drop Counts       | * | 4-8 |
| 41 | How Plants Grow         | * | 4-8 |
| 47 | Are Vacant Lots Vacant? | * | K-8 |
| 73 | Waste Watchers          | o | 4-8 |

**MA 4.5.4: Students predict all possible outcomes of a given situation or event.**

n/c

## SCIENCE, Grades K-4

### 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 4.1.1:** Characteristics of Organisms: Students describe observable characteristics of living things, including structures that serve specific functions and everyday behaviors.

|    |                         |   |     |
|----|-------------------------|---|-----|
| 1  | Shape of Things         | o | K-3 |
| 2  | Get in Touch with Trees | * | K-4 |
| 3  | Peppermint Beetle       | * | K-4 |
| 4  | Sounds Around           | * | 1-6 |
| 5  | Poet Tree               | * | 3-8 |
| 6  | Picture This            | * | K-3 |
| 9  | Planet Diversity        | o | 4-6 |
| 10 | Charting Diversity      | * | 4-8 |
| 11 | Can It Be Real?         | * | 4-8 |
| 16 | Pass the Plants         | o | K-8 |
| 21 | Adopt a Tree            | o | K-8 |
| 22 | Trees As Habitats       | o | K-8 |
| 23 | Fallen Log              | * | 4-8 |
| 24 | Nature's Recyclers      | o | 1-6 |
| 25 | Birds and Worms         | * | K-6 |
| 27 | Every Tree for Itself   | * | K-8 |
| 28 | Air Plants              | o | 3-6 |
| 41 | How Plants Grow         | * | 4-8 |
| 42 | Shades of Green         | * | 2-8 |
| 43 | Have Seeds Will Travel  | * | K-8 |
| 46 | School Yard Safari      | * | K-5 |
| 47 | Are Vacant Lots Vacant? | o | K-8 |
| 49 | Tropical Treehouse      | o | K-8 |
| 61 | The Closer You Look     | * | K-6 |
| 62 | To Be a Tree            | o | K-4 |
| 63 | Tree Factory            | * | K-6 |
| 64 | Looking at Leaves       | o | K-8 |
| 65 | Bursting Buds           | o | K-6 |
| 68 | Name that Tree          | * | 2-8 |
| 76 | Tree Cookies            | o | 1-8 |
| 78 | Signs of Fall           | o | K-6 |

**SC 4.1.2: Life Cycles of Organisms: Students sequence life cycles of living things, and recognize that plants and animals resemble their parents.**

|    |                        |   |     |
|----|------------------------|---|-----|
| 21 | Adopt a Tree           | o | K-8 |
| 41 | How Plants Grow        | * | 4-8 |
| 43 | Have Seeds Will Travel | o | K-8 |
| 65 | Bursting Buds          | o | K-6 |
| 78 | Signs of Fall          | o | K-6 |
| 79 | Tree Life Cycle        | o | K-6 |

**SC 4.1.3: Organisms and Their Environments: Students show connections between living things, their basic needs, and the environments.**

|    |                            |   |     |
|----|----------------------------|---|-----|
| 3  | Peppermint Beetle          | * | K-4 |
| 4  | Sounds Around              | * | 1-6 |
| 6  | Picture This               | * | K-3 |
| 7  | Habitat Pen Pals           | * | 3-6 |
| 8  | Forest of S.T. Shrew       | * | 1-6 |
| 9  | Planet Diversity           | * | 4-6 |
| 10 | Charting Diversity         | * | 4-8 |
| 11 | Can It Be Real?            | * | 4-8 |
| 13 | We All Need Trees          | * | 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 |
| 23 | Fallen Log                 | * | 4-8 |
| 24 | Nature's Recyclers         | * | 1-6 |
| 25 | Birds and Worms            | * | K-6 |
| 27 | Every Tree for Itself      | o | K-8 |
| 30 | Three Cheers for Trees     | o | 1-6 |
| 31 | Plant a Tree               | o | 1-8 |
| 32 | Forest of Many Uses        | o | 1-8 |
| 36 | Pollution Search           | o | K-6 |
| 37 | Reduce, Reuse, Recycle     | o | 1-6 |
| 38 | Every Drop Counts          | o | 4-8 |
| 39 | Energy Sleuths             | o | K-8 |
| 40 | Then and Now               | o | 3-6 |
| 41 | How Plants Grow            | * | 4-8 |
| 42 | Shades of Green            | * | 2-8 |
| 43 | Have Seeds Will Travel     | o | K-8 |
| 45 | Web of Life                | * | 4-8 |
| 46 | School Yard Safari         | * | K-5 |
| 47 | Are Vacant Lots Vacant?    | o | K-8 |
| 48 | Field Forest and Stream    | o | 1-8 |
| 49 | Tropical Treehouse         | o | K-8 |

**SC 4.1.3: (continued)**

|    |                                  |   |     |
|----|----------------------------------|---|-----|
| 66 | Germinating Giants               | o | 4-6 |
| 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 |
| 87 | Earth Manners                    | o | K-4 |
| 88 | Life on the Edge                 | o | 4-8 |

**EARTH, SPACE, AND PHYSICAL SYSTEMS**

**SC 4.1.4: Properties of Earth Materials: Students investigate water, air, rocks, and soils to compare basic properties of earth materials.**

|    |                         |   |     |
|----|-------------------------|---|-----|
| 14 | Renewable or Not        | o | 4-8 |
| 28 | Air Plants              | o | 3-6 |
| 38 | Every Drop Counts       | o | 4-8 |
| 44 | Water Wonders           | * | 4-8 |
| 48 | Field Forest and Stream | * | 1-8 |

**SC 4.1.5: Objects in the Sky: Students describe observable objects in the sky and their patterns of movement.**

n/c

**SC 4.1.6: Changes in Earth and Sky: Students describe observable changes in earth and sky, including rapid and gradual changes to the earth's surface, and daily and seasonal changes in the weather.**

|    |               |   |     |
|----|---------------|---|-----|
| 78 | Signs of Fall | o | K-6 |
|----|---------------|---|-----|

**SC 4.1.7: Properties of Objects: Students classify objects by properties that can be observed, measured, and recorded, including color, shape, size, weight, volume, texture, and temperature.**

|    |                             |   |     |
|----|-----------------------------|---|-----|
| 1  | Shape of Things             | * | K-3 |
| 2  | Get in Touch with Trees     | * | K-4 |
| 4  | Sounds Around               | * | 1-6 |
| 6  | Picture This                | * | K-3 |
| 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 |
| 21 | Adopt a Tree                | o | K-8 |
| 43 | Have Seeds Will Travel      | o | K-8 |

**SC 4.1.7: (continued)**

|    |                      |   |     |
|----|----------------------|---|-----|
| 61 | The Closer You Look  | o | K-6 |
| 64 | Looking at Leaves    | o | K-8 |
| 66 | Germinating Giants   | o | 4-6 |
| 67 | How Big is Your Tree | o | K-8 |

**SC 4.1.8: Changes in States of Matter: Students demonstrate that the processes of heating and cooling can change matter from one state to another.**

|    |                     |   |     |
|----|---------------------|---|-----|
| 44 | Water Wonders       | o | 4-8 |
| 51 | Make Your Own Paper | o | 1-8 |

**SC 4.1.9: Physical Phenomena: Students investigate physical phenomena commonly encountered in daily life, including light, heat, electricity, sound, and magnetism.**

|    |                  |   |     |
|----|------------------|---|-----|
| 4  | Sounds Around    | * | 1-6 |
| 81 | Living with Fire | o | K-8 |

**SC 4.1.10: Position and Motion of Objects: Students demonstrate that pushing and pulling can change the position and motion of objects.**

n/c

**SC 2. SCIENCE AS INQUIRY: Students demonstrate knowledge, skills, and habits of mind necessary to safely perform scientific inquiry.**

**SC 4.2.1: Students research answers to science questions and present findings through appropriate means.**

|    |                             |   |     |
|----|-----------------------------|---|-----|
| 2  | Get in Touch with Trees     | o | K-4 |
| 3  | Peppermint Beetle           | o | K-4 |
| 4  | Sounds Around               | * | 1-6 |
| 7  | Habitat Pen Pals            | * | 3-6 |
| 9  | Planet Diversity            | * | 4-6 |
| 10 | Charting Diversity          | o | 4-8 |
| 11 | Can It Be Real?             | o | 4-8 |
| 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 |
| 20 | Environmental Exchange Box  | o | K-8 |
| 21 | Adopt a Tree                | o | K-8 |
| 22 | Trees as Habitats           | * | K-8 |

**SC 4.2.1: (continued)**

|    |                     |   |     |
|----|---------------------|---|-----|
| 23 | Fallen Log          | o | 4-8 |
| 24 | Nature's Recyclers  | o | 1-6 |
| 25 | Birds and Worms     | * | K-6 |
| 32 | Forest of Many Uses | o | 1-8 |
| 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 |
| 73 | Waste Watchers      | o | 4-8 |
| 76 | Tree Cookies        | o | 1-8 |
| 77 | Trees in Trouble    | * | 1-8 |
| 81 | Living with Fire    | o | K-8 |
| 82 | Resource-Go-Round   | o | 4-8 |

**SC 4.2.2: Students use the inquiry process to conduct simple scientific investigations.**

|    |                                  |   |     |
|----|----------------------------------|---|-----|
| 4  | Sounds Around                    | * | K-6 |
| 9  | Planet Diversity                 | * | 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                  | * | K-6 |
| 41 | How Plants Grow                  | * | 4-8 |
| 42 | Shades of Green                  | o | 2-8 |
| 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 4.2.3: Students identify and use appropriate scientific equipment.**

|   |                  |   |     |
|---|------------------|---|-----|
| 9 | Planet Diversity | o | 4-6 |
|---|------------------|---|-----|

**SC 4.2.4: Students properly use safety equipment and recognize hazards and safety symbols while practicing standard safety procedures.**

|   |                  |   |     |
|---|------------------|---|-----|
| 9 | Planet Diversity | o | 4-6 |
|---|------------------|---|-----|

**SC 3. HISTORY AND NATURE OF SCIENCE IN PERSONAL AND 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 4.3.1: Students recognize the nature and history of science. (A) Discuss how scientific ideas change over time. (B) Describe contributions of scientists.**

|    |                      |   |     |
|----|----------------------|---|-----|
| 18 | Tale of the Sun      | o | K-6 |
| 91 | In the Good Old Days | * | 4-8 |

**SC 4.3.2: Students recognize how scientific information is used to make decisions. (A) Identify and describe local science issues, such as environmental hazards or resource management. (B) Suggest feasible solutions and personal action plans to address an identified issue.**

|    |                                     |   |     |
|----|-------------------------------------|---|-----|
| 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 |
| 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 |
| 34 | Who Works In This Forest            | * | 3-6 |
| 36 | Pollution Search                    | * | K-6 |
| 37 | Reduce, Reuse, Recycle              | * | 1-6 |
| 38 | Every Drop Counts                   | * | 4-8 |
| 39 | Energy Sleuths                      | o | K-8 |
| 49 | Tropical Treehouse                  | o | K-8 |
| 53 | On the Move                         | o | K-8 |
| 54 | I'd Like to Visit a Place Where.... | o | K-8 |
| 69 | Forest for the Trees                | o | 4-8 |
| 73 | Waste Watchers                      | o | 4-8 |
| 81 | Living with Fire                    | o | K-8 |
| 82 | Resource-Go-Round                   | o | 4-8 |
| 87 | Earth Manners                       | o | K-4 |
| 89 | Trees for Many Reasons              | o | 2-8 |
| 91 | In the Good Old Days                | o | 4-8 |

## SOCIAL STUDIES, Grades K-4

### **SS 1. CITIZENSHIP/GOVERNMENT/DEMOCRACY:**

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

#### **SS 4.1.1: Students describe and apply rights and responsibilities of citizenship.**

|    |                         |   |     |
|----|-------------------------|---|-----|
| 37 | Reduce, Reuse, Recycle  | o | 1-6 |
| 58 | There Ought to be a Law | o | 3-8 |
| 87 | Earth Manners           | o | K-4 |

#### **SS.4.1.2: Students explain how rules and laws affect families, school, communities and states.**

|    |                         |   |     |
|----|-------------------------|---|-----|
| 58 | There Ought to be a Law | o | 3-8 |
|----|-------------------------|---|-----|

### **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 4.2.1: Students describe how human needs and concerns (i.e., freedom, justice, and responsibility) are addressed within cultures.**

|    |                            |   |     |
|----|----------------------------|---|-----|
| 16 | Pass the Plants            | o | K-8 |
| 18 | Tale of the Sun            | o | K-6 |
| 20 | Environmental Exchange Box | * | K-8 |
| 90 | The Native Way             | o | 4-8 |

#### **SS 4.2.2: Students explain how culture is reflected in literature and the arts.**

|   |           |   |     |
|---|-----------|---|-----|
| 5 | Poet Tree | o | 3-8 |
|---|-----------|---|-----|

### **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 4.3.1: Students describe the importance of major resources, industries, and economic development of the local community and Wyoming.**

|    |                              |   |     |
|----|------------------------------|---|-----|
| 20 | Environmental Exchange Box   | o | K-8 |
| 55 | Planning the Ideal Community | o | 1-8 |

**SS 4.3.2: Students describe different ways people earn a living in the local community and in Wyoming.**

|    |                              |   |     |
|----|------------------------------|---|-----|
| 34 | Who Works In This Forest     | o | 3-6 |
| 55 | Planning the Ideal Community | o | 1-8 |

**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 4.4.1: Students identify significant local, state, and national persons, holidays, and symbols.**

n/c

**SS 4.4.2: Students discuss and describe how current events influence individuals, communities, state, country and/or world.**

|    |                              |   |     |
|----|------------------------------|---|-----|
| 36 | Pollution Search             | * | K-6 |
| 37 | Reduce, Reuse, Recycle       | o | 1-6 |
| 38 | Every Drop Counts            | o | 4-8 |
| 55 | Planning the Ideal Community | o | 1-8 |
| 95 | Did You Notice?              | o | K-8 |

**SS 4.4.3: Students describe the chronology of exploration, immigration and settlement of Wyoming.**

|    |                 |   |     |
|----|-----------------|---|-----|
| 40 | Then and Now    | o | 3-6 |
| 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 4.5.1: Students use physical maps, political maps, and globes to identify locations using scale, cardinal & intermediate directions, legends, keys, and symbols.**

|    |                                  |   |     |
|----|----------------------------------|---|-----|
| 21 | Adopt a Tree                     | o | K-8 |
| 55 | Planning the Ideal Community     | * | 1-8 |
| 74 | People, Places, Things           | o | K-3 |
| 80 | Nothing Succeeds Like Succession | o | 3-6 |
| 82 | Resource-Go-Round                | * | 4-8 |

**SS 4.5.2: Students identify their relative location in terms of home, school, neighborhood, community, county, state, country and continent.**

|    |                              |   |     |
|----|------------------------------|---|-----|
| 55 | Planning the Ideal Community | * | 1-8 |
| 74 | People, Places, Things       | o | K-3 |

**SS 4.5.3: Students locate major landmarks, landforms and areas/regions in the community and in Wyoming.**

|    |                        |   |     |
|----|------------------------|---|-----|
| 40 | Then and Now           | o | 3-6 |
| 74 | People, Places, Things | o | K-3 |

**SS 4.5.4: Students describe relationships among people and places, and the environmental context in which they take place.**

|    |                            |   |     |
|----|----------------------------|---|-----|
| 5  | Poet Tree                  | o | 3-8 |
| 13 | We All Need Trees          | o | K-6 |
| 18 | Tale of the Sun            | o | K-6 |
| 20 | Environmental Exchange Box | o | K-8 |
| 22 | Trees as Habitats          | o | K-8 |
| 30 | Three Cheers for Trees     | o | 1-6 |
| 31 | Plant a Tree               | o | 1-8 |
| 32 | Forest of Many Uses        | o | 1-8 |
| 34 | Who Works In This Forest   | * | 3-6 |
| 36 | Pollution Search           | * | K-6 |
| 37 | Reduce, Reuse, Recycle     | * | 1-6 |
| 38 | Every Drop Counts          | o | 4-8 |
| 44 | Water Wonders              | o | 4-8 |
| 74 | People, Places, Things     | * | K-3 |
| 75 | Tipi Talk                  | o | 4-8 |
| 88 | Life on the Edge           | o | 4-8 |
| 89 | Trees for Many Reasons     | o | 2-8 |