

Correlation between Project Learning Tree  
Activities and the NAAEE Excellence in EE—  
Guidelines for Learning:  
Grades (5-8)

Indexed by Environmental Education Standard (theme and performance expectation)

**CURRICULUM STANDARDS FOR ENVIRONMENTAL EDUCATION**  
**PLT ACTIVITIES- PreK-8 Activity Guide**

<b>Strand 1- Questioning and Analysis Skills</b>	<b>PLT Conceptual Framework Theme</b>	<b>PLT Activity # and Title</b>	<b>Grade(s)</b>	
<b>A) Questioning</b> —Learners are able to develop, focus, and explain questions that help them learn about the environment and do environmental investigations.	Diversity	9-Planet of Plenty ☉	5-6	
		10-Charting Diversity ☉	5-8	
		12-Tree Treasures ☉	5-6	
		14-Renewable or Not? ☉	5-8	
		15-A Few of My Favorite Things ☉	5-8	
		19-Values on the Line ☉	6-8	
		20-Environmental Exchange Box ☉	5-8	
	Interrelationships	23-The Fallen Log ☉	5-8	
		24-Nature’s Recyclers ☉	5-6	
		26-Dynamic Duos ☉	5-8	
		28-Air Plants ☉	5-6	
		29-Rain Reasons ☉	6-8	
		33-Forest Consequences ☉	6-8	
		34-Who Works in the Forest? ☉	5-6	
		35-Loving It Too Much ☉	6-8	
		36-Pollution Search ☉	5-8	
		39-Energy Sleuths ☉	6-8	
		40-Then and Now •	5-8	
		Systems	41-How Plants Grow ☉	5-8
			42-Sunlight and Shades of Green ☉	5-8
	43-Have Seeds, Will Travel ☉		5-8	
	44-Water Wonders ☉		5-8	
	45-Web of Life ☉		5-8	
	47-Are Vacant Lots Vacant? ☉		5-8	
	48-Field, Forest, and Stream ☉		5-8	
	49-Tropical Treehouse Part B ☉		5-8	
	50-400 Acre Wood ☉		7-8	
	53-On the Move ☉		5-8	
	54-I’d Like to Visit a Place Where...☉		5-8	
	58-There Ought to Be a Law ☉		5-8	
	59-Power of Print ☉		6-8	

**Key to Symbols:**

- = The NAAEE guideline is a main part of the PLT activity.
- ☉ = The NAAEE guideline is part of the focus of the PLT activity
- = The NAAEE guideline is addressed in the PLT activity.

Strand 1- Questioning and Analysis Skills	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
	Structure and Scale	63-Tree Factory ☉ 67-How Big is Your Tree? ☉ 70-Soil Stories ☉ 72-Air We Breathe ☉	5-6 5-8 5-8 6-8
	Patterns of Change	78-Signs of Fall ☉ 84-A Peek at Packaging ☉ 86-Our Changing World ☉ 92-A Look at Lifestyles ☉	5-6 5-8 5-8 5-8
<b>B) Designing investigations</b> —Learners are able to design environmental investigations to answer particular questions—often their own questions.			
	Diversity	14-Renewable or Not? ☉ 16-Pass the Plants, Please ☉	5-8 5-8
	Interrelationships	22-Trees as Habitats ☉ 23-The Fallen Log ☉ 24-Nature’s Recyclers ☉ 28-Air Plants ☉ 29-Rain Reasons ☉ 33-Forest Consequences ☉ 35-Loving It Too Much ☉ 36-Pollution Search ☉ 38-Every Drop Counts ☉ 39-Energy Sleuths ☉ 40-Then and Now •	3-4 5-8 5-6 5-6 6-8 6-8 6-8 5-8 5-8 6-8 6-8 5-8
	Systems	41-How Plants Grow • 42-Sunlight and Shades of Green ☉ 43-Have Seeds, Will Travel ☉ 44-Water Wonders ☉ 45-Web of Life ☉ 47-Are Vacant Lots Vacant? ☉ 48-Field, Forest, and Stream ☉ 49-Tropical Treehouse Part B ☉ 50-400 Acre Wood ☉ 51-Make Your Own Paper ☉	5-8 5-8 5-8 5-8 5-8 5-8 5-8 5-8 7-8 5-8
	Structure and Scale	63-Tree Factory ☉ 66-Germinating Giants ☉ 67-How Big is Your Tree? ☉ 68-Name That Tree ☉ 70-Soil Stories ☉ 71-Watch on Wetlands ☉ 72-Air We Breathe ☉ 73-Waste Watchers ☉	5-6 5-6 5-8 5-8 5-8 7-8 6-8 5-8

**Strand 1-  
Questioning and Analysis Skills**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

Patterns of Change

76-Tree Cookies ☉	5-8
77-Trees in Trouble ☉	5-8
78-Signs of Fall ☉	5-6
79-Tree Lifecycle ☉	5-6
80-Nothing Succeeds Like Succession ☉	5-6
81-Living With Fire ☉	5-8
82-Resource-Go-Round ☉	5-8
84-A Peek at Packaging ☉	5-8
85-Air to Drive ☉	5-8
86-Our Changing World ☉	5-8
91-In the Good Old Days ☉	5-8
92-A Look at Lifestyles ☉	5-8
96-Improve Your Place ☉	5-8

**C) Collecting information**—Learners are able to locate and collect reliable information about the environment or environmental topics using a variety of methods and sources.

Diversity

3-The Peppermint Beetle ☉	5-6
4-Sounds Around ☉	5-8
7-Habitat Pen Pals •	5-6
9-Planet of Plenty •	5-6
10-Charting Diversity •	5-8
11-Can It Be Real? •	5-8
13-We All Need Trees •	5-6
14-Renewable or Not? •	5-8
16-Pass the Plants, Please •	5-8
17-People of the Forest ☉	5-8

Interrelationships

22-Trees as Habitats •	5-8
23-The Fallen Log •	5-8
24-Nature’s Recyclers •	5-6
28-Air Plants •	5-6
29-Rain Reasons •	6-8
33-Forest Consequences •	6-8
35-Loving It Too Much •	6-8
36-Pollution Search •	5-8
38-Every Drop Counts •	5-8
39-Energy Sleuths •	6-8
40-Then and Now •	5-8

Systems

41-How Plants Grow •	5-8
42-Sunlight and Shades of Green •	5-8
43-Have Seeds, Will Travel •	5-8
44-Water Wonders •	5-8
45-Web of Life •	5-8
47-Are Vacant Lots Vacant? •	5-8
48-Field, Forest, and Stream •	5-8

<b>Strand 1- Questioning and Analysis Skills</b>	<b>PLT Conceptual Framework Theme</b>	<b>PLT Activity # and Title</b>	<b>Grade(s)</b>
	Systems	49-Tropical Treehouse Part B • 50-400 Acre Wood •	5-8 7-8
	Structure and Scale	65-Bursting Buds • 66-Germinating Giants • 67-How Big is Your Tree? • 68-Name That Tree ☉ 70-Soil Stories • 71-Watch on Wetlands • 72-Air We Breathe • 73-Waste Watchers •	5-6 5-6 5-8 5-8 5-8 7-8 6-8 5-8
	Patterns of Change	76-Tree Cookies ☉ 77-Trees in Trouble • 78-Signs of Fall • 79-Tree Lifecycle ☉ 80-Nothing Succeeds Like Succession • 81-Living With Fire • 82-Resource-Go-Round • 84-A Peek at Packaging • 85-Air to Drive • 86-Our Changing World • 88-Life on the Edge ☉ 90-The Native Way ○ 91-In the Good Old Days • 92-A Look at Lifestyles ☉ 94-Where are the Cedars of Lebanon? ○ 95-Did You Notice? ☉ 96-Improve Your Place •	5-8 5-8 5-6 5-6 5-8 5-8 5-8 5-8 5-8 5-8 5-8 5-8 5-8 6-8 5-8 5-8
<b>D) Evaluating accuracy and reliability</b> —Students are able to judge the weaknesses and strengths of the information they are using.	Diversity	12-Tree Treasures ☉ 19-Values on the Line ☉	5-6 6-8
	Interrelationships	39-Energy Sleuths ☉	6-8
	Systems	60-Publicize It! ☉	5-8
	Structure and Scale	73-Waste Watchers •	5-8
	Patterns of Change	84-A Peek at Packaging ☉ 86-Our Changing World ☉ 89-Trees for Many Reasons ☉ 90-The Native Way • 92-A Look at Lifestyles • 94-Where are the Cedars of Lebanon? ☉ 96-Improve Your Place •	5-8 5-8 5-8 5-8 5-8 6-8 5-8

Strand 1- Questioning and Analysis Skills	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
<b>E) Organizing information</b> —Learners are able to classify and order data, and to organize and display information in ways that help analysis and interpretation.			
	Diversity	4-Sounds Around ☉ 7-Habitat Pen Pals • 9-Planet of Plenty • 10-Charting Diversity • 13-We All Need Trees • 16-Pass the Plants, Please • 17-People of the Forest ☉	5-8 5-6 5-6 5-8 5-6 5-8 5-8
	Interrelationships	21-Adopt a Tree • 22-Trees as Habitats • 23-The Fallen Log ☉ 24-Nature’s Recyclers • 36-Pollution Search • 38-Every Drop Counts • 39-Energy Sleuths •	5-8 5-8 5-8 5-6 5-8 5-8 6-8
	Systems	41-How Plants Grow • 43-Have Seeds, Will Travel • 44-Water Wonders • 47-Are Vacant Lots Vacant? • 48-Field, Forest, and Stream • 51-Make Your Own Paper ☉	5-8 5-8 5-8 5-8 5-8 5-8
	Patterns of Change	82-Resource-Go-Round • 92-A Look at Lifestyles ☉	5-8 5-8
<b>F) Working with models and simulations</b> --Learners understand many of the uses and limitations of models.			
	Diversity	14-Renewable or Not? •	5-8
	Interrelationships	25-Birds and Worms • 27-Every Tree For Itself • 30-Three Cheers for Trees •	5-6 5-8 5-6
	Systems	41-How Plants Grow • 43-Have Seeds Will Travel • 44-Water Wonders • 45-Web of Life • 56-We Can Work It Out •	5-8 5-8 5-8 5-8 5-8
	Structure and Scale	69-Forest For The Trees •	5-8
	Patterns of Change	85-Air to Drive •	5-8

**Strand 1-  
Questioning and Analysis Skills**

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**Grade(s)**

**G) Developing proposed explanations**—Learners are able to synthesize their observations and findings into coherent explanations.

Diversity	4-Sounds Around ☉	5-8
	7-Habitat Pen Pals •	5-6
	9-Planet of Plenty ☉	5-6
Interrelationships	21-Adopt a Tree ☉	5-8
	23-The Fallen Log ☉	5-8
	26-Dynamic Duos ☉	5-8
	35-Loving It Too Much •	6-8
Systems	41-How Plants Grow •	5-8
	43-Have Seeds Will Travel ☉	5-8
	44-Water Wonders ☉	5-8
	45-Web of Life ☉	5-8
Structure and Scale	67-How Big is Your Tree? ☉	5-8
	70-Soil Stories ☉	5-8
	73-Waste Watchers ☉	5-8
Patterns of Change	79-Tree Life Cycle ☉	5-6
	80-Nothing Succeeds Like Succession ☉	5-8
	85-Air to Drive ☉	5-8
	91-In the Good Old Days •	5-8

**Strand 2-  
Knowledge of Environmental  
Processes and Systems**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

**Strand 2.1—The Earth as a Physical System**

**A) Processes that shape the Earth**—Learners have a basic understanding of most of the physical processes that shape the Earth. They are able to explore the origin of differences in physical patterns.

Interrelationships	23-The Fallen Log ☉	5-8
	24-Nature’s Recyclers ☉	5-6
	28-Air Plants ○	5-6
	29-Rain Reasons ☉	6-8
	31-Plant a Tree ○	5-8
	38-Every Drop Counts ○	5-8
Systems	44-Water Wonders •	5-8
	48-Field, Forest, and Stream ○	5-8
Structure and Scale	70-Soil Stories •	5-8
	71-Watch on Wetlands ☉	7-8
	72-Air We Breathe ○	
Patterns of Change	80-Nothing Succeeds Like Succession ○	5-8
	81-Living with Fire ☉	5-8
	85-Air to Drive ○	5-8
	86-Our Changing World ☉	5-8
	89-Trees for Many Reasons ☉	5-8

**B) Changes in Matter**—Learners understand the properties of the substances that make up objects or materials found in the environment.

Diversity	12-Tree Treasures ☉	5-8
	13-We All Need Trees ☉	5-6
	16-Pass the Plants Please ○	5-8
Systems	41-How Plants Grow ○	5-8
	42-Sunlight and Shades of Green ○	5-8
	44-Water Wonders •	5-8
	48-Field, Forest and Stream •	5-8
	51-Make Your Own Paper •	5-8
	52-A Look at Aluminum •	5-8
Structure and Scale	61-The Closer You Look •	5-6
Patterns of Change	78-Signs of Fall ○	5-6
	79-Tree Lifecycle •	5-6
	80-Nothing Succeeds Like Succession ○	5-8
	85-Air to Drive○	5-8
	86-Our Changing World○	5-8



**Strand 2-  
Knowledge of Environmental  
Processes and Systems**

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Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

**Strand 2.1—The Earth as a Physical System**

**C) Energy**—Students begin to grasp formal concepts related to energy by focusing on energy transfer and transformations. They are able to make connections among phenomena such as light, heat, magnetism, electricity, and the motion of objects.

Diversity	4-Sounds Around ☉	5-8
	16-Pass the Plants Please ☉	5-8
	18-Tale of the Sun ○	5-6
Interrelationships	24-Nature’s Recyclers ☉	5-6
	28-Air Plants ○	5-6
	29-Rain Reasons ○	6-8
	39-Energy Sleuths ☉	6-8
Systems	41-How Plants Grow ☉	5-8
	42-Sunlight and Shades of Green ☉	5-8
	48-Field, Forest, and Stream ○	5-8
	53-On the Move ○	5-8
Structure and Scale	73-Waste Watchers ○	5-8
Patterns of Change	78-Signs of Fall ☉	5-6
	82-Resource-Go-Round ☉	5-8
	83-Reduce, Reuse, Recycle ○	5-8
	85-Air to Drive ○	5-8

**Strand 2.2—The Living Environment**

**A) Organisms, populations, and communities**—Learners understand that biotic communities are made up of plants and animals that are adapted to live in particular environments.

Diversity	7-Habitat Pen Pals •	5-6
	8-The Forest of S. T. Shrew ☉	5-6
	9-Planet of Plenty ☉	5-6
	11-Can It be Real? •	5-8
	14-Renewable or Not? ○	5-8
	16-Pass the Plants, Please○	5-8
	17-People of the Forest○	5-8
	18-Tale of the Sun ○	5-6

**Strand 2-  
Knowledge of Environmental  
Processes and Systems**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

**Strand 2.2—The Living Environment**

Interrelationships	21-Adopt a Tree ○	5-8
	22-Trees as Habitats ☉	5-8
	23-The Fallen Log •	5-8
	24-Nature’s Recyclers •	5-6
	25-Birds and Worms •	5-6
	26-Dynamic Duos •	5-8
	27-Every Tree For Itself ☉	5-8
	28-Air Plants ☉	5-6
	29-Rain Reasons •	6-8
	39-Energy Sleuths ○	6-8
Systems	41-How Plants Grow ○	5-8
	42-Sunlight and Shades of Green •	5-8
	43-Have Seeds, Will Travel •	5-8
	44-Water Wonders ☉	5-8
	45-Web of Life •	5-8
	46-School Yard Safari ○	5
	47-Are Vacant Lots Vacant? ☉	5-8
	48-Field, Forest, and Stream •	5-8
	49-Tropical Treehouse Part B ☉	5-8
Structure and Scale	61-The Closer You Look ○	5-6
	70-Soil Stories ☉	5-8
	71-Watch on Wetlands ☉	7-8
Patterns of Change	81-Living With Fire ○	5-8
	90-The Native Way ○	5-8
	94-Where Are the Cedars of Lebanon ○	6-8

**B) Heredity and evolution**—Learners have a basic understanding of the importance of genetic heritage.

Diversity	2-Get in Touch with Trees ○	5-6
	3-Peppermint Beetle ☉	5-6
	10-Charting Diversity •	5-8
	11-Can It Be Real? •	5-8
Systems	43-Have Seeds Will Travel ☉	5-8
Structure and Scale	66-Germinating Giants ○	5-6
Patterns of Change	79-Tree Lifecycle ○	5-6
	88-Life On the Edge ○	5-8

**Strand 2-  
Knowledge of Environmental  
Processes and Systems**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

**Strand 2.2—The Living Environment**

**C) Systems and connections**—Learners understand major kinds of interactions among organisms or populations of organisms.

Diversity	7-Habitat Pen Pals •	5-6
	8-Forest of S.T. Shrew •	5-6
	10-Charting Diversity •	5-8
	11-Can It Be Real? •	5-8
Interrelationships	21-Adopt a Tree ☉	5-8
	22-Trees as Habitats •	5-8
	23-The Fallen Log •	5-8
	24-Nature’s Recyclers •	5-6
	25-Birds and Worms •	
	26-Dynamic Duos •	5-8
	27-Every Tree For Itself ☉	5-8
	28-Air Plants •	5-6
	29-Rain Reasons •	6-8
	30-Three Cheers for Trees ○	5-6
	36-Pollution Search ○	5-6
Systems	41-How Plants Grow ☉	5-8
	42-Sunlight and Shades of Green •	5-8
	43-Have Seeds, Will Travel •	5-8
	44-Water Wonders ☉	5-8
	45-Web of Life •	5-8
	46-School Yard Safari ○	5
	47-Are Vacant Lots Vacant? ☉	5-8
	48-Field, Forest, and Stream •	5-8
	49-Tropical Treehouse Part B ☉	5-8
Structure and Scale	61-The Closer You Look ○	5-6
	65-Bursting Buds ☉	5-6
	70-Soil Stories •	5-8
	71-Watch on Wetlands •	7-8
	72-Air We Breathe •	6-8
	75-Tepee Talk ○	
Patterns of Change	76-Tree Cookies ☉	5-8
	77-Trees in Trouble •	5-8
	78-Signs of Fall •	5-6
	79-Tree Lifecycle ☉	5-6
	80-Nothing Succeeds Like Succession •	5-8
	81-Living With Fire •	5-8
	85-Air to Drive ☉	5-8
	86-Our Changing World •	5-8
	88-Life on the Edge •	5-8
	89-Trees for Many Reasons •	5-8
94-Where Are the Cedars of Lebanon ☉	6-8	

Strand 2- Knowledge of Environmental Processes and Systems	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
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**Strand 2.2—The Living Environment**

**D) Flow of matter and energy**—Learners understand how energy and matter flows among the abiotic and biotic components of the environment.

Diversity	4-Sounds Around ☉	5-8	
	7-Habitat Pen Pals •	5-6	
	8-The Forest of S. T. Shrew •	5-6	
	18-Tale of the Sun ☉	5-6	
	20-Environmental Exchange Box ○	5-8	
	Interrelationships	22-Trees as Habitats •	5-8
		23-The Fallen Log ☉	5-8
		24-Nature’s Recyclers •	5-6
		27-Every Tree For Itself •	5-8
		28-Air Plants •	5-6
		29-Rain Reasons •	6-8
		30-Three Cheers for Trees ○	5-6
	Systems	41-How Plants Grow •	5-8
		42-Sunlight and Shades of Green •	5-8
		43-Have Seeds Will Travel •	5-8
		44-Water Wonders ☉	5-8
		45-Web of Life •	5-8
		47-Are Vacant Lots Vacant? •	5-8
		48-Field, Forest, and Stream •	5-8
		49-Tropical Treehouse ☉	5-8
Structure and Scale	61-The Closer You Look ☉	5-6	
	63-Tree Factory ☉	5-6	
	70-Soil Stories ☉	5-8	
Patterns of Change	77-Trees in Trouble ☉	5-8	
	78-Signs of Fall ☉	5-6	
	79-Tree Lifecycle •	5-6	
	80-Nothing Succeeds Like Succession •	5-8	
	85-Air to Drive ☉	5-8	

**Strand 2.3—Humans and Their Societies**

**A) Individuals and groups**—Learners understand that how individuals perceive the environment is influenced in part by individual traits and group membership or affiliation.

Diversity	14-Renewable or Not •	5-8
	17-People of the Forest ☉	5-8
	18-Tale of the Sun •	5-6
	19-Values on the Line •	6-8

Strand 2- Knowledge of Environmental Processes and Systems	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
<b>Strand 2.3—Humans and Their Societies</b>			
	Interrelationships	21-Adopt a Tree ☉ 33-Forest Consequences ☉ 35-Loving it too much ☉ 40-Then And Now ○	5-8 6-8 6-8 5-8
	Systems	49-Tropical Treehouse (part B) ☉ 56-We Can Work It Out • 57-Democracy In Action ☉ 59-Power of Print •	6-8 5-8 5-8 6-8
	Patterns of Change	90-The Native Way • 91-In The Good Old Days • 92-A Look At Lifestyles •	5-8 5-8 5-8
<b>B) Culture</b> —As they become familiar with a wider range of cultures and subcultures, learners gain an understanding of cultural perspectives on the environment and how the environment may, in turn, influence culture.			
	Diversity	5-Poet-Tree ○ 17-People of the Forest • 18-Tale of the Sun • 20-Environmental Exchange Box ☉	5-8 5-8 5-6 5-8
	Systems	49-Tropical Treehouse☉	5-8
	Structure and Scale	75-Tepee Talk ○	5-8
	Patterns of Change	90-The Native Way • 91-In The Good Old Days ☉ 92-A Look At Lifestyles • 94-Where are the Cedars of Lebanon? •	5-8 5-8 5-8 6-8
<b>C) Political and economic systems</b> —Learners become more familiar with political and economic systems and how these systems take the environment into consideration.			
	Diversity	14-Renewable or Not? ☉ 19-Values on the Line ○	5-8 6-8
	Interrelationships	32-A Forest of Many Uses ☉ 33-Forest Consequences • 34-Who Works In This Forest? ☉ 35-Loving it too much • 37-Talking Trash, Not! ○ 38-Every Drop Counts ○ 39-Energy Sleuths •	5-8 6-8 5-6 6-8 5-6 5-8 6-8

**Strand 2-  
Knowledge of Environmental  
Processes and Systems**

**Strand 2.3—Humans and Their Societies**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

Systems	49-Tropical Treehouse (part B) ○	6-8	
	50-400-Acre Wood •	7-8	
	52-A Look At Aluminum ⊙	5-8	
	53-On The Move •	5-8	
	55-Planning The Ideal Community ⊙	6-8	
	56-We Can Work It Out •	5-8	
	57-Democracy In Action •	5-8	
	58-There Ought To Be a Law •	5-8	
	Structure and Scale	69-Forest For The Trees ⊙	5-8
		71-Watch on Wetlands ⊙	7-8
73-Waste Watchers ○		5-8	
Patterns of Change	82-Resouce-Go-Round •	5-8	
	83-Reduce, Reuse, Recycle •	6-8	
	84-A Peek At Packaging ○	5-8	
	88-Life on the Edge ⊙	5-8	
	89-Trees For Many Reasons ⊙	5-8	
	96-Improve Your Place ⊙	5-8	

**D) Global connections**—Learners become familiar with ways in which the world’s environmental, social, economic, cultural, and political systems are linked.

Diversity	7-Habitat Pen Pals •	5-6
	9-Planet Of Plenty •	5-6
	14-Renewable or Not? •	5-8
	20-Environmental Exchange Box •	5-8
Interrelationships	29-Rain Reasons ⊙	6-8
	31-Plant A Tree ○	5-8
	39-Energy Sleuths – enrichment ⊙	6-8
Systems	45-Web of Life ⊙	5-8
	50-400-Acre Wood ⊙	7-8
	52-A Look At Aluminum ⊙	5-8
	53-On the Move •	5-8
	55-Planning The Ideal Community •	6-8
	56-We Can Work It Out ⊙	5-8
	57-Democracy in action ⊙	5-8
Structure and Scale	70-Soil Stories, (part B,C,D) •	5-8
	71-Watch on Wetlands (part D) •	7-8
	73-Waste Watchers ⊙	5-8
	75-Tepee Talk ○	5-8

Strand 2- Knowledge of Environmental Processes and Systems	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
<b>Strand 2.3—Humans and Their Societies</b>			
	Patterns of Change	82-Resource-Go-Round • 85-Air To Drive • 86-Our Changing World • 88-Life on the Edge • 89-Trees For Many Reasons ☉ 94-Where Are The Cedars Of Lebanon? – enrichment •	5-8 5-8 5-8 5-8 5-8 6-8
<b>E) Change and conflict</b> —Learners understand that human systems change over time and that conflicts sometimes arise over differing and changing viewpoints about the environment.	Diversity	14-Renewable or Not? ☉ 19-Values on the Line •	5-8 6-8
	Interrelationships	32-A Forest of Many Uses ☉ 33-Forest Consequences • 35-Loving It Too Much • 40-Then And Now •	5-8 6-8 6-8 5-8
	Systems	49-Tropical Treehouse ☉ 50-400-Acre Wood • 53-On the Move ○ 56-We Can Work It Out • 57-Democracy In Action – enrichment ☉ 58-There Ought To Be A Law ☉ 59-Power of Print ☉	5-8 7-8 5-8 5-8 5-8 5-8 6-8
	Structure and Scale	71-Watch on Wetlands •	7-8
	Patterns of Change	86-Our Changing World • 88-Life on the Edge • 89-Trees For Many Reasons • 90-The Native Way • 91-In The Good Old Days • 92-A Look At Lifestyles • 93-Paper Civilization ○ 94-Where are the Cedars of Lebanon? • 95-Did You Notice? •	5-8 5-8 5-8 5-8 5-8 5-8 5-8 6-8 5-8

**Strand 2-  
Knowledge of Environmental  
Processes and Systems**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

**Strand 2.4—Environment and Society**

**A) Human/environment interactions**—Learners understand that human-caused changes have consequences for the immediate environment as well as for other places and future times.

Diversity	14-Renewable or Not? ☉	5-8
	17-People of the Forest ☉	5-8
	19-Values on the Line ☉	6-8
Interrelationships	30-Three Cheers For Trees ☉	5-6
	31-Plant A Tree ☉	5-8
	32-A Forest of Many Uses ☉	5-8
	33-Forest Consequences •	6-8
	35-Loving It Too Much •	6-8
	36-Pollution Search ☉	5-6
	37-Talking Trash, Not! ☉	5-6
	38-Every Drop Counts •	5-8
	39-Energy Sleuths •	6-8
	40-Then And Now •	5-8
Systems	49-Tropical Treehouse ☉	5-8
	50-400-Acre Wood •	7-8
	52-A Look At Aluminum ○	5-8
	53-On The Move ☉	5-8
	54-I'd Like to Visit A Place Where... ☉	5-8
	55-Planning The Ideal Community ☉	6-8
	56-We Can Work It Out •	5-8
	60-Publicize It! ☉	5-8
Structure and Scale	69-Forest For The Trees ☉	
	71-Watch on Wetlands •	7-8
	73-Waste Watchers •	5-8
Patterns of Change	80-Nothing Succeeds Like Succession ☉	5-8
	81-Living With Fire ☉	5-8
	82-Resource-Go-Round ☉	5-8
	83-Reduce, Reuse, Recycle •	5-8
	85-Air To Drive •	5-8
	86-Our Changing World •	5-8
	88-Life on the Edge ☉	5-8
	90-The Native Way ☉	5-8
	92-A Look At Lifestyles •	5-8
	93-Paper Civilization ○	5-8
	94-Where are the Cedars of Lebanon? •	6-8
	95-Did You Notice? •	5-8



**Strand 2-  
Knowledge of Environmental  
Processes and Systems**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

**Strand 2.4—Environment and Society**

**B) Places**—Learners begin to explore the meaning of both close to home and around the world.

Diversity	7-Habitat Pen Pals ☉ 17-People of the Forest ☉ 20-Environmental Exchange Box •	5-6 5-8 5-8
Interrelationships	29-Rain Reasons ☉ 35-Loving It Too Much • 40-Then And Now •	6-8 6-8 5-8
Systems	46-School Yard Safari ☉ 47-Are Vacant Lots Vacant? ☉ 49-Tropical Treehouse ☉ 53-On The Move ☉ 54-I'd Like To Visit A Place Where...☉ 5-8 55-Planning The Ideal Community •	5 5-8 5-8 5-8 5-8 6-8
Patterns of Change	82-Resource-Go-Round • 86-Our Changing World • 88-Life on the Edge ☉ 90-The Native Way ☉ 96-Improve Your Place ☉	5-8 5-8 5-8 5-8 5-8

**C) Resources**—Learners understand that uneven distribution of resources influences their use and perceived value.

Diversity	12-Tree Treasures ☉ 13-We All Need Trees ☉ 14-Renewable or Not? • 15-A Few Of My Favorite Things • 20-Environmental Exchange Box ○	5-6 5-6 5-8 5-8 5-8
Interrelationship	32-A Forest of Many Uses ☉ 35-Loving It Too Much ☉ 37-Talking Trash, Not! • 38-Every Drop Counts • 39-Energy Sleuths •	5-8 6-8 5-6 5-8 6-8
Systems	49-Tropical Treehouse ☉ 52-A Look At Aluminum • 53-On The Move ○	5-8 5-8 5-8

Strand 2- Knowledge of Environmental Processes and Systems	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
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**Strand 2.4—Environment and Society**

Structure and Scale	69-Forest For The Trees ○	5-8
	73-Waste Watchers ○	5-8
	75-Tepee Talk ○	5-8
Patterns of Change	82-Resource-Go-Round ●	5-8
	83-Reduce, Reuse, Recycle ●	5-8
	85-Air To Drive ⊙	5-8
	89-Trees For Many Reasons ●	5-8
	92-A Look At Lifestyles ⊙	5-8
94-Where are the Cedars of Lebanon? ●	6-8	

**D) Technology**—Learners understand the human ability to shape and control the environment as a function of the capacities for creating knowledge and developing new technologies.

Diversity	12-Tree Treasures ⊙	5-6
	13-We All Need Trees ⊙	5-6
	14-Renewable or Not? ●	5-8
	15-A Few of My Favorite Things ⊙	5-8
Interrelationships	34-Who Works in the Forest ⊙	5-6
	36-Pollution Search ⊙	5-6
	37-Talking Trash, Not! ●	5-6
	38-Every Drop Counts ○	5-8
	39-Energy Sleuths ⊙	6-8
Systems	51-Make Your Own Paper ○	5-8
	52-A Look At Aluminum ○	5-8
	53-On the Move ●	5-8
	55-Planning The Ideal Community ●	6-8
Structure and Scale	69-Forest For The Trees ○	5-8
	71-Watch on Wetlands ⊙	7-8
	72-Air We Breath ●	6-8
	73-Waste Watchers ●	5-8
Patterns of Change	82-Resource-Go-Round ⊙	5-8
	83-Reduce, Reuse, Recycle ⊙	5-8
	85-Air To Drive ●	5-8
	86-Our Changing World ●	5-8
	93-Paper Civilizations ⊙	5-8
	94-Where Are The Cedar of Lebanon? ⊙	6-8
96-Improve Your Place ●	5-8	

**Strand 2-  
Knowledge of Environmental  
Processes and Systems**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

**Strand 2.4—Environment and Society**

**E) Environmental issues**—Learners are familiar with a range of environmental issues at scales that range from local to national to global. They understand that people in other places around the world share many of the issues they are concerned about locally.

Diversity	14-Renewable or Not? ☉	5-8
	19-Values on the Line •	6-8
Interrelationships	33-Forest Consequences ☉	6-8
	35-Loving It too Much •	6-8
	36-Pollution Search •	5-6
	37-Talking Trash, Not! •	5-6
	38-Every Drop Counts ☉	5-8
	39-Energy Sleuths •	6-8
	40-Then And Now ☉	5-8
Systems	49-Tropical Treasures •	5-8
	53-On The Move ☉	5-8
	56-We Can Work It Out •	5-8
	59-Power of Print ☉	6-8
	60-Publicize It! ☉	5-8
Structure and Scale	69-Forest For The Trees ☉	5-8
	71-Watch on Wetlands •	7-8
	72-Air We Breathe •	6-8
	73-Waste Watchers •	5-8
Patterns of Change	81-Living With Fire ○	5-8
	82-Resource-Go-Round ☉	5-8
	83-Reduce, Reuse, Recycle •	5-8
	85-Air To Drive •	5-8
	86-Our Changing World •	5-8
	88-Life on the Edge •	5-8
	90-The Native Way ☉	5-8
96-Improve Your Place •	5-8	

Strand 3- Skills for Understanding and Addressing Environmental Issues	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
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**Strand 3.1 – Skills for Analyzing and Investigating Environmental Issues**

**A) Identifying and investigating issues—Learners are** able to use primary and secondary sources of information, and apply growing research and analytical skills, to investigate environmental issues, beginning in their own community.

Diversity	14-Renewable or Not? ☉	5-8
	15-A Few Of My Favorite Things ☉	5-8
	20-Environmental Exchange Box •	5-8
Interrelationships	31-Plant A Tree ○	5-8
	33-Forest Consequences ○	6-8
	35-Loving It Too Much ○	6-8
	36-Pollution Search •	5-6
	37-Talking Trash, Not! •	5-6
	38-Every Drop Counts •	5-8
	39-Energy Sleuths •	6-8
	40-Then And Now ☉	5-8
Systems	47-Are Vacant Lots Vacant? ☉	5-8
	49-Tropical Treehouse ○	5-8
	53-On the Move •	5-8
	54-I'd Like To Visit A Place Where... • 5-8	
	55-Planning The Ideal Community •	6-8
	56-We Can Work It Out •	5-8
	58-There Ought To Be A Law •	5-8
	59-Power of Print •	6-8
60-Publicize It! ☉	6-8	
Structure and Scale	69-Forest For The Trees ○	5-8
	71-Watch on Wetlands •	7-8
	72-Air We Breathe •	6-8
	73-Waste Watchers •	5-8
Patterns of Change	77-Trees In Trouble ☉	5-8
	83-Reduce, Reuse, Recycle ☉	5-8
	85-Air To Drive •	5-8
	88-Life on the Edge •	5-8
	91-In The Good Old Days ☉	5-8
	94-Where are the Cedars of Lebanon? ☉	6-8
	95-Did You Notice? •	5-8
	96-Improve Your Place •	5-8

**Strand 3-  
Skills for Understanding and  
Addressing Environmental Issues**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

**Strand 3.1 – Skills for Analyzing and Investigating Environmental Issues**

**B) Sorting out the consequences of issues**—Learners are able to apply their knowledge of ecological and human processes and systems to identify the consequences of specific environmental issues.

Diversity	14-Renewable or Not? •	5-8
	15-A Few of My Favorite Things •	5-8
Interrelationships	32-A Forest of Many Uses •	5-8
	33-Forest Consequences •	6-8
	35-Loving It Too Much •	6-8
	36-Pollution Search •	5-6
	37-Talking Trash, Not! •	5-6
	38-Every Drop Counts •	5-8
	39-Energy Sleuths •	6-8
Systems	44-Water Wonders ☉	5-8
	45-Web of Life ☉	5-8
	49-Tropical Treehouse •	5-8
	50-400 Acre Wood •	7-8
	52-A Look At Aluminum •	5-8
	53-On the Move ☉	5-8
	55-Planning The Ideal Community ☉	6-8
	56-We Can Work It Out ☉	5-8
59-Power of Print •	6-8	
Structure and Scale	69-Forest For The Trees •	5-8
	71-Watch on Wetlands •	7-8
	72-Air We Breathe •	6-8
	73-Waste Watchers •	5-8
Patterns of Change	82-Resource-Go-Round ☉	5-8
	83-Reduce, Reuse, Recycle ☉	5-8
	85-Air To Drive •	5-8
	86-Our Changing World •	5-8
	88-Life on the Edge •	5-8
	92-A Look At Lifestyles ☉	5-8
94-Where are the Cedars of Lebanon? ☉	6-8	

**C) Identifying and evaluating alternative solutions and courses of action**—Learners are able to identify and develop action strategies for addressing particular issues.

Interrelationship	31-Plant A Tree☉	5-8
	36-Pollution Search•	5-6
	37-Talking Trash, Not!•	5-6
	38-Every Drop Counts•	5-8
	39-Energy Sleuths☉	6-8

**Strand 3-  
Skills for Understanding and  
Addressing Environmental Issues**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

**Strand 3.1 – Skills for Analyzing and Investigating Environmental Issues**

Systems	54-I'd Like To Visit A Place Where... •	5-8
	57-Democracy In Action ☉	5-8
	59-Power of Print ○	6-8
	60-Publicize It! •	5-8
Structure and Scale	72-Air We Breathe •	6-8
	73-Waste Watchers •	5-8
Patterns of Change	83-Reduce, Reuse, Recycle •	5-8
	86-Our Changing World ☉	5-8
	88-Life on the Edge ☉	5-8
	89-Trees For Many Reasons ○	5-8
	94-Where are the Cedars of Lebanon? ☉	6-8
	96-Improve Your Place •	5-8

**D) Working with flexibility, creativity, and openness—**

Students are able to consider the assumptions and interpretations that influence the conclusions they and other draw about environmental issues.

Diversity	5-Poet-Tree ☉	5-8
	14-Renewable or Not? ☉	5-8
	18-Tale of the Sun ○	5-6
	19-Values on the Line •	6-8
Systems	49-Tropical Treehouse ☉	5-8
	50-400 Acre Wood •	7-8
	54-I'd Like To Visit A Place Where... ☉	5-8
	55-Planning The Ideal Community ☉	6-8
	56-We Can Work It Out •	5-8
	58-There Ought To Be A Law ☉	5-8
Structure and Scale	59-Power of Print •	6-8
Structure and Scale	71-Watch on Wetlands •	7-8
Patterns of Change	86-Our Changing World ☉	5-8
	88-Life on the Edge ☉	5-8
	89-Trees For Many Reasons ○	5-8
	90-The Native Way •	5-8
	91-In The Good Old Days •	5-8
	92-A Look At Lifestyles •	5-8
94-Where are the Cedars of Lebanon? ☉	6-8	

**Strand 3-  
Skills for Understanding and  
Addressing Environmental Issues**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

**Strand 3.2—Decision-Making and Citizenship Skills**

**A) Forming and evaluating personal views**—Students are able to identify, justify, and clarify their views on environmental issues and alternative ways to address them.

Diversity	5-Poet-Tree • 14-Renewable or Not? ☉ 19-Values on the Line •	5-8 5-8 6-8
Interrelationships	32-A Forest of Many Uses • 33-Forest Consequences • 35-Loving It Too Much • 37-Talking Trash, Not!☉ 38-Every Drop Counts ☉ 39-Energy Sleuths ☉ 40-Then And Now •	5-8 6-8 6-8 5-6 5-8 6-8 5-8
Systems	50-400 Acre Wood • 54-I'd Like To Visit A Place Where... • 5-8 55-Planning The Ideal Community ☉ 56-We Can Work It Out ☉ 59-Power of Print •	7-8 5-8 6-8 5-8 6-8
Structure and Scale	69-Forest For The Trees ○	5-8
Patterns of Change	86-Our Changing World ☉ 88-Life on the Edge ☉ 89-Trees For Many Reasons ☉ 92-A Look At Lifestyles • 96-Improve Your Place ☉	5-8 5-8 5-8 5-8 5-8

**B) Evaluating the need for citizen action**—Learners are able to evaluate whether they believe action is needed in particular situations, and decide whether they should be involved.

Diversity	15-A Few Of My Favorite Things ○	5-8
Interrelationships	36-Pollution Search – enrichment • 37-Talking Trash, Not!• 38-Every Drop Counts •	5-6 5-6 5-8
Systems	54-I'd Like To Visit A Place Where... • 5-8 57-Democracy In Action ○ 58-There Ought To Be A Law ☉ 60-Publicize It! •	5-8 5-8 5-8 5-8

**Strand 3-  
Skills for Understanding and  
Addressing Environmental Issues**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

**Strand 3.2—Decision-Making and Citizenship Skills**

Structure and Scale

72-Air We Breathe •  
73-Waste Watchers •

6-8  
5-8

Patterns of Change

83-Reduce, Reuse, Recycle •  
88-Life on the Edge ☉  
96-Improve Your Place •

5-8  
5-8  
5-8

**C) Planning and taking action**—As students begin to see themselves as citizens taking active roles in their communities, they are able to plan for and engage in citizen action at levels appropriate to their maturity and preparation.

Diversity

15-A Few Of My Favorite Things •  
- enrichment

5-8

Interrelationships

31-Plant a Tree •  
36-Pollution Search – enrichment •  
37-Talking Trash, Not! •  
38-Every Drop Counts •

5-8  
5-6  
5-6  
5-8

Systems

47-Are Vacant Lots Vacant? ○  
53-On The Move ☉  
54-I'd Like To Visit A Place Where... • 5-8  
55-Planning The Ideal Community ○  
57-Democracy In Action •  
58-There Ought To Be A Law ☉  
60-Publicize It! •

5-8  
5-8  
5-8  
6-8  
5-8  
5-8  
5-8

Structure and Scale

71-Watch on Wetlands ○  
72-Air We Breathe •  
73-Waste Watchers •

7-8  
6-8  
5-8

Patterns of Change

83-Reduce, Reuse, Recycle •  
88-Life on the Edge ☉  
96-Improve Your Place •

5-8  
5-8  
5-8

**D) Evaluating the results of actions**—Learners are able to analyze the effects of their own actions and actions taken by other individuals and groups.

Interrelationships

31-Plant A Tree •  
33-Forest Consequences •  
35-Loving It Too Much ○  
36-Pollution Search ☉  
37-Talking Trash, Not! •  
38-Every Drop Counts •  
39-Energy Sleuths •

5-8  
6-8  
6-8  
5-6  
5-6  
5-8  
6-8



**Strand 3-  
Skills for Understanding and  
Addressing Environmental Issues**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

**Strand 3.2—Decision-Making and Citizenship Skills**

Systems

50-400 Acre Wood ☉  
54-I'd Like To Visit A Place Where... • 5-8  
55-Planning The Ideal Community ☉  
60-Publicize It! •

7-8  
6-8  
5-8

Structure and Scale

71-Watch on Wetlands ☉  
72-Air We Breathe •  
73-Waste Watchers •

7-8  
6-8  
5-8

Patterns of Change

83-Reduce, Reuse, Recycle ☉  
88-Life on the Edge ☉  
96-Improve Your Place •

5-8  
5-8  
5-8

## Strand 4—Personal and Civic Responsibility

### A) Understanding societal values and principles—

Learners understand that societal values can be both a unifying and a divisive force.

Diversity	14-Renewable or Not? ○ 19-Values on the Line •	5-8 6-8
Interrelationships	32-A Forest of Many Uses ○ 33-Forest Consequences • 35-Loving It Too Much • 40-Then And Now ○	5-8 6-8 6-8 5-8
Systems	49-Tropical Treehouse ○ 50-400 Acre Wood ○ 54-I'd Like to Visit a Place Where...○ 56-We Can Work It Out • 57-Democracy In Action ○ 58-There Ought To Be a Law ○ 59-Power of Print •	5-6 7-8 5-8 5-8 5-8 5-8 7-8
Structure and Scale	71-Watch on Wetlands •	7-8
Patterns of Change	89-Trees for Many Reasons • 90-The Native Way ○ 91-In the Good Old Days ○ 92-A Look at Lifestyles •	5-8 5-8 5-8 5-8

### B) Recognizing citizens' rights and responsibilities—

Learners understand the rights and responsibilities of citizenship and their importance in promoting the resolution of environmental issues.

Diversity	19-Values on the Line ○	6-8
Interrelationships	33-Forest Consequences ○ 36-Pollution Search ○ 38-Every Drop Counts ○	6-8 5-8 5-6
Systems	55-Planning The Ideal Community ○ 56-We Can Work It Out • 57-Democracy In Action • 58-There Ought To Be a Law • 60-Publicize It! ○	6-8 5-8 5-8 5-8 5-8
Structure and Scale	71-Watch on Wetlands ○	7-8
Patterns of Change	83-Reduce, Reuse, Recycle ○ 88-Life on the Edge ○ 96-Improve Your Place •	5-8 5-8 5-8

Strand 4- Personal and Civic Responsibility	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
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**C) Recognizing efficacy**—Learners possess a realistic self-confidence in their effectiveness as citizens.

Diversity	19-Values on the Line ☉	6-8
Interrelationships	31-Plant A Tree ☉ 33-Forest Consequences ☉ 36-Pollution Search – enrichment • 37-Talking Trash, Not! ☉ 38-Every Drop Counts •	5-6 5-6 5-8
Systems	54-I’d Like To Visit A Place Where... • 5-8 56-We Can Work It Out – enrichment • 5-8 57-Democracy In Action • 58-There Ought To Be A Law • 60-Publicize It! •	5-8 5-8 5-8
Structure and Scale	71-Watch on Wetlands ○ 72-Air We Breathe ☉ 73-Waste Watchers ☉	7-8 6-8 5-8
Patterns of Change	83-Reduce, Reuse, Recycle • 88-Life on the Edge ☉ 96-Improve Your Place •	5-8 5-8 5-8

**D) Accepting personal responsibility**—Learners understand that their actions can have broad consequences and that they are responsible for those consequences.

Diversity	13-We All Need Trees ○ 14-Renewable or Not? ○ 15-A Few Of My Favorite Things • - enrichment 19-Values on the Line ☉	5-6 5-8 5-8 6-8
Interrelationships	31-Plant A Tree • 36-Pollution Search – enrichment • 37-Talking Trash, Not! • 38-Every Drop Counts • 39-Energy Sleuths ○	5-8 5-6 5-6 5-8 6-8
Systems	54-I’d Like To Visit A Place Where... • 5-8 57-Democracy In Action • 58-There Ought To Be A Law ☉ 60-Publicize It! •	5-8 5-8 5-8
Structure and Scale	72-Air We Breathe • 73-Waste Watchers •	6-8 5-8

**Strand 4-  
Personal and Civic Responsibility**

**PLT Conceptual  
Framework Theme**

**PLT Activity # and Title**

**Grade(s)**

Patterns of Change

83-Reduce, Reuse, Recycle •

5-8

89-Trees For Many Reasons •

5-8

92-A Look At Lifestyles •

5-8

96-Improve Your Place •

5-8