

Correlation between Project Learning Tree
Activities and the NAAEE Excellence in
EE—Guidelines for Learning:
Early Grades (K-4)

Correlation between Project Learning Tree Activities and the NAAEE Excellence in EE –
Guidelines for Learning: Early Grades (K-4)

Indexed by Environmental Education Standard (theme and performance expectation)

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

Strand 1- Questioning and Analysis Skills	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
A) Questioning- Learners are able to develop questions that help them learn about the environment and do simple investigations.	Diversity	9-Planet of Plenty ☉	4
		10-Charting Diversity ☉	4
		12-Tree Treasures ☉	2-4
		13-We All Need Trees ○	4
		14-Renewable or Not? ☉	4
		20-Environmental Exchange Box ☉	K-4
	Interrelationships	23-The Fallen Log ☉	4
		24-Nature’s Recyclers ☉	1-4
	Systems	42-Sunlight and Shades of Green ☉	2-4
		43-Have Seeds, Will Travel ☉	K-4
		44-Water Wonders ☉	4
		45-Web of Life ☉	4
		48-Field, Forest, and Stream ☉	1-4
		49-Tropical Treehouse ☉	3-4
		53-On the Move ☉	4
	Structure and Scale	63-Tree Factory ☉	3-4
		64-Looking at Leaves ☉	K-4
	Patterns of Change	78-Signs of Fall ○	K-4

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)
B) Designing investigations- Learners are able to design simple investigations.			
	Diversity	11-Can It Be Real? (part B) ☉ 14-Renewable or Not? ☉	4 4
	Interrelationships	21-Adopt a Tree ☉ 22-Trees as Habitats ☉ 23-The Fallen Log ☉ 24-Nature’s Recyclers ☉ 25-Birds and Worms ☉ 27-Every Tree for Itself ☉ 28-Air Plants ☉ 36-Pollution Search ☉ 37-Talking Trash, Not!☉ 38-Every Drop Counts ☉ 40-Then and Now •	K-4 K-4 4 1-4 K-4 K-4 3-4 K-4 1-4 4 3-4
	Systems	41-How Plants Grow • 42-Sunlight and Shades of Green ☉ 43-Have Seeds Will Travel ☉ 44-Water Wonders ☉ 45-Web of Life ☉ 46-School Yard Safari ☉ 47-Are Vacant Lots Vacant? ☉ 48-Field, Forest, and Stream ☉ 51-Make Your Own Paper ☉	K-4 2-4 K-4 4 4 K-4 K-4 1-4 1-4
	Structure and Scale	62-To Be a Tree ☉ 64-Looking at Leaves ☉ 65-Bursting Buds ☉ 66-Germinating Giants ☉ 67-How Big is Your Tree? ☉ 68-Name That Tree ☉	K-4 K-4 K-4 4 K-4 2-4
	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 ☉ 95-Did You Notice? ☉	1-4 1-4 K-4 K-4 3-4 4 4 K-4

Strand 1- Questioning and Analysis Skills	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)	
C) Collecting information- Learners are able to locate and collect information about the environment and environmental topics.	Diversity	3-The Peppermint Beetle ☉	K-4	
		4-Sounds Around ☉	K-4	
		6-Picture This ☉	K-3	
		7-Habitat Pen Pals •	3-4	
		9-Planet of Plenty •	4	
		10-Charting Diversity •	4	
		11-Can It Be Real? ☉	4	
		13-We All Need Trees •	4	
		14-Renewable or Not? ○	4	
		Interrelationships	22-Trees as Habitats •	3-4
			23-The Fallen Log •	4
			24-Nature’s Recyclers •	1-4
			27-Every Tree For Itself •	K-4
			28-Air Plants ☉	3-4
	36-Pollution Search •		K-4	
	37-Talking Trash, Not! ☉		1-4	
	38-Every Drop Counts •		4	
	Systems	40-Then & Now •	3-4	
		41-How Plants Grow •	K-4	
		42-Sunlight and Shades of Green •	2-4	
		43-Have Seeds Will Travel •	K-4	
		44-Water Wonders •	4	
		45-Web of Life •	4	
		46-School Yard Safari •	K-4	
		47-Are Vacant Lots Vacant? •	K-4	
		48-Field, Forest, and Stream •	1-4	
	Structure and Scale	49-Tropical Treehouse •	3-4	
		51-Make Your Own Paper ☉	1-4	
61-The Closer You Look •		K-4		
64-Looking at Leaves •		K-4		
65-Bursting Buds •		K-4		
66-Germinating Giants •		4		
67-How Big is Your Tree? •		K-4		
Patterns of Change	68-Name That Tree •	2-4		
	76-Tree Cookies •	1-4		
	77-Trees in Trouble •	1-4		
	78-Signs of Fall •	K-4		
	80-Nothing Succeeds Like Succession •	3-4		
	81-Living With Fire •	4		
	82-Resource Go Round •	4		
	88-Life on the Edge •	4		
95-Did You Notice? •	K-4			

Strand 1- Questioning and Analysis Skills	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
<p>D) Evaluating accuracy and reliability-Students understand the need to use reliable information to answer their questions. They are familiar with some basic factors to consider in judging the merits of information.</p>	Diversity	4-Sounds Around ☉	K-4
		12-Tree Treasures ☉	2-4
<p>E) Organizing information-Learners are able to describe data and organize information to search for relationships and patterns concerning the environment and environmental topics.</p>	Interrelationships	22-Trees as Habitats •	K-4
		23-The Fallen Log •	4
		24-Nature’s Recyclers •	1-4
	Systems	41-How Plants Grow •	4
		42-Sunlight and Shades of Green •	2-4
		43-Have Seeds Will Travel •	K-4
		44-Water Wonders •	4
		47-Are Vacant Lots Vacant? •	4
	48-Field, Forest, and Stream •	4	
	Structure and Scale	63-Tree Factory ☉	3-4
		64-Looking at Leaves ☉	K-4
		66-Germinating Giants ☉	4
67-How Big is Your Tree •		3-4	
Patterns of Change	68-Name That Tree •	2-4	
	77-Trees in Trouble •	1-4	
	78-Signs of Fall •	K-4	
	79-Tree Lifecycle ☉	3-4	
80- Nothing Succeeds Like Succession •	3-4		
<p>F) Working with models and simulations-Learners understand that relationships, patterns, and processes can be represented by models.</p>	Diversity	3-Peppermint Beetle ○	K-4
		14-Renewable or Not? •	4
	Interrelationships	21-Adopt a Tree •	3-4
		22-Trees as Habitats •	3-4
		23-The Fallen Log •	4
		24-Nature’s Recyclers •	1-4
		25-Birds and Worms •	K-4
		27-Every Tree For Itself •	K-4
		28-Air Plants ☉	3-4

Strand 1- Questioning and Analysis Skills	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
	Interrelationships	37-Talking Trash, Not! ☉ 38-Every Drop Counts •	1-4 4
	Systems	41-How Plants Grow • 42-Sunlight and Shades of Green • 43-Have Seeds Will Travel • 44-Water Wonders • 45-Web of Life ☉ 48-Field, Forest, and Stream ☉	4 2-4 K-4 4 4 1-4
	Structure and Scale	62-To Be a Tree ☉ 63-Tree Factory • 65-Bursting Buds ☉ 69-Forest for the Trees •	K-4 3-4 K-4 4
	Patterns of Change	76-Tree Cookies ☉ 78-Signs of Fall • 79-Tree Lifecycle ☉	1-4 K-4 3-4

G) Developing explanations-Learners can develop simple explanations that address their questions about the environment.

Diversity	14-Renewable or Not? •	4
Interrelationships	21-Adopt a Tree • 22-Trees as Habitats • 23-Fallen Logs • 24-Nature's Recyclers • 27-Every Tree for Itself • 28-Air Plants •	K-4 3-4 4 1-4 K-4 3-4
Systems	41-How Plants Grow • 42-Sunlight and Shades of Green • 43-Have Seeds Will Travel • 44-Water Wonders • 45-Web of Life • 48-Field, Forest, and Stream • 54-I'd Like to Visit a Place Where...(part B) ☉	4 2-4 K-4 4 4 4 4
Structure and Scale	63-Tree Factory ☉	3-4
Patterns of Change	76-Tree Cookies ○ 77-Trees in Trouble ☉ 78-Signs of Fall • 81-Living With Fire •	1-4 1-4 K-4 4

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

**PLT Conceptual
Framework Theme**

PLT Activity # and Title

Grade(s)

2.1—The Earth as a Physical System

A) Processes that shape the Earth-Learners are able to identify changes and differences in the physical environment.

Interrelationships	21-Adopt a Tree ☉	3-4
	23-The Fallen Log •	4
	24-Nature’s Recyclers •	1-4
	28-Air Plants ☉	3-4
	38-Every Drop Counts •	4
Systems	41-How Plants Grow •	4
	42-Sunlight and Shades of Green •	2-4
	44-Water Wonders •	4
	45-Web of Life •	4
	46-School Yard Safari ☉	K-4
	48-Field, Forest, and Stream •	4
Structure and Scale	61-The Closer You Look ○	K-4
	65-Bursting Buds ○	K-4
Patterns of Change	76-Tree Cookies •	3-4
	77-Trees in Trouble •	1-4
	78-Signs of Fall •	K-4
	80-Nothing Succeeds Like Succession •	3-4
	81-Living With Fire ☉	4
	95-Did You Notice? •	K-4

B) Changes in matter-Learners are able to identify basic characteristics of and changes in matter.

Diversity	12-Tree Treasures ☉	2-4
	13-We All Need Trees ☉	4
Interrelationships	21-Adopt a Tree ☉	3-4
	23-The Fallen Log •	4
	24-Nature’s Recyclers •	1-4
Systems	41-How Plants Grow •	4
	42-Sunlight and Shades of Green •	2-4
	45-Web of Life ☉	4
	51-Make Your Own Paper •	1-4
Structure and Scale	61-The Closer You Look ○	K-4
	63-Tree Factory •	3-4
	64-Looking at Leaves ☉	K-4
	65-Bursting Buds ☉	K-4
	66-Germinating Giants ☉	4

Strand 2- Knowledge of Environmental Process and Systems	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
2.1—The Earth as a Physical System	Patterns of Change	76-Tree Cookies ☉	1-4
		77-Trees in Trouble •	1-4
		78-Signs of Fall •	K-4
		79-Tree Lifecycle •	3-4
		80-Nothing Succeeds Like Succession •	3-4
		81-Living With Fire •	4
		C) Energy -While they may have little understanding of formal concepts associated with energy, learners are familiar with the basic behavior of some different forms of energy.	Diversity
14-Renewable or Not?☉	3-4		
15-A Few of My Favorite Things ☉	4		
18-Tale of the Sun ☉	K-4		
Interrelationships	24-Nature’s Recyclers •		1-4
	36-Pollution Search ☉		2-4
Systems	53-On the Move •		4
Structure and Scale	63-Tree Factory ☉		3-4
Patterns of Change	78-Signs of Fall ☉		K-4
	79-Tree Lifecycle •		3-4
	82-Resource-Go-Round ☉		4
	83-Reduce, Reuse, Recycle ☉		4
Strand 2.2—The Living Environment	Diversity		1-Shape of Things ☉
		2-Get in Touch with Trees ☉	K-4
		3-Peppermint Beetle •	K-4
		6-Picture This! ☉	K-3
		7-Habitat Pen Pals •	3-4
		8-The Forest of S.T. Shrew •	1-4
		9-Planet of Plenty •	4
		10-Charting Diversity •	4
		11-Can it Be Real? •	4

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

**PLT Conceptual
Framework Theme**

PLT Activity # and Title

Grade(s)

Strand 2.2—The Living Environment

Interrelationships	<ul style="list-style-type: none"> 21-Adopt a Tree ☉ 22-Trees as Habitats • 23-The Fallen Log • 24-Nature’s Recyclers • 25-Birds and Worms • 27-Every Tree for Itself • 28-Air Plants• 	<ul style="list-style-type: none"> 3-4 3-4 4 1-4 K-4 K-4 3-4
Systems	<ul style="list-style-type: none"> 41-How Plants Grow • 42-Sunlight and Shades of Green • 43-Have Seeds Will Travel • 45-Web of Life • 46-School Yard Safari • 47-Are Vacant Lots Vacant? • 48-Field, Forest, and Stream ☉ 49-Tropical Treehouse • 	<ul style="list-style-type: none"> 4 2-4 K-4 4 K-4 4 4 3-4
Structure and Scale	<ul style="list-style-type: none"> 61-The Closer You Look • 62-To Be a Tree • 64-Looking at Leaves • 66-Germinating Giants • 67-How Big is Your Tree? (variation)☉ 68-Name that Tree • 	<ul style="list-style-type: none"> K-4 K-4 K-4 4 K-4 2-4
Patterns of Change	<ul style="list-style-type: none"> 79-Tree Lifecycle • 80-Nothing Succeeds Like Succession • 87-Earth Manners ○ 88-Life on the Edge • 89-Trees for Many Reasons • 95-Did You Notice? ☉ 	<ul style="list-style-type: none"> 3-4 3-4 K-4 4 2-4 K-4

B) Heredity and evolution-Learners understand that plants and animals have different characteristics and that many of the characteristics are inherited.

Diversity	<ul style="list-style-type: none"> 3-Peppermint Beatte ☉ 6-Picture This • 10-Charting Diversity ☉ 11-Can It Be Real? ☉ 	<ul style="list-style-type: none"> K-4 K-3 4 4
Interrelationships	<ul style="list-style-type: none"> 23-The Fallen Log ☉ 	<ul style="list-style-type: none"> 4
Systems	<ul style="list-style-type: none"> 43-Have Seeds Will Travel • 45-Web of Life • 	<ul style="list-style-type: none"> K-4 4
Structure and Scale	<ul style="list-style-type: none"> 64-Looking at Leaves • 68-Name that Tree • 	<ul style="list-style-type: none"> K-4 2-4

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Grade(s)

Strand 2.2—The Living Environment

Patterns of Change

80-Nothing Succeeds Like Succession ○
88-Life on the Edge ⊙

3-4
4

C) Systems and connections-Learners understand basic ways in which organisms are related to their environments and to other organisms.

Diversity

6-Picture This! •
9-Planet of Plenty •
10-Charting Diversity •

K-3
4
4

Interrelationships

22-Trees as Habitats •
23-The Fallen Log •
24-Nature’s Recyclers •
25-Birds and Worms •
27-Every Tree for Itself •
28-Air Plants •
36-Pollution Search •

3-4
4
1-4
K-4
K-4
3-4
2-4

Systems

41-How Plants Grow •
42-Sunlight and Shades of Green •
43-Have Seeds Will Travel •
44-Water Wonders ⊙
45-Web of Life •
46-School Yard Safari ⊙
47-Are Vacant Lots Vacant? ⊙
48-Field, Forest, and Stream •
49-Tropical Treehouse •

4
2-4
K-4
4
4
K-4
4
4
3-4

Structure and Scale

65-Bursting Buds ⊙
75-Tipi Talk ○

K-4
4

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 •
87-Earth Manners ○
88-Life on the Edge •
89-Trees for Many Reasons •

3-4
1-4
K-4
3-4
3-4
4
K-4
4
2-4

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

**PLT Conceptual
Framework Theme**

PLT Activity # and Title

Grade(s)

Strand 2.2—The Living Environment

D) Flow of matter and energy-Learners know that living things need some source of energy to live and grow.

Diversity	13-We All Need Trees ☉ 14-Renewable or Not? ☉ 16-Pass the Plants Please •	4 4 K-4
Interrelationships	22-Trees as Habitats • 23-The Fallen Log • 24-Nature’s Recyclers • 27-Every Tree for Itself • 28-Air Plants ☉ 37-Talking Trash, Not! •	3-4 4 1-4 K-4 3-4 1-4
Systems	41-How Plants Grow • 42-Sunlight and Shades of Green • 43-Have Seeds Will Travel ☉ 45-Web of Life ☉ 48-Field, Forest, and Stream ☉ 49-Tropical Treehouse ☉ 51-Make Your Own Paper •	4 2-4 K-4 4 4 3-4 1-4
Structure and Scale	65-Bursting Buds •	K-4
Patterns of Change	77-Trees in Trouble ☉ 78-Signs of Fall ☉ 79-Tree Lifecycle ○ 80-Nothing Succeeds Like Succession ☉ 82-Resource-Go-Round • 83-Reduce, Reuse, Recycle •	1-4 K-4 3-4 3-4 4 4

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

**PLT Conceptual
Framework Theme**

PLT Activity # and Title

Grade(s)

Strand 2.3—Humans and Their Societies

A) Individuals and groups-Learners understand that people act as individuals and as group members and that groups can influence individual actions.

Diversity	14-Renewable or Not? • 18-Tale of the Sun •	4 K-4
Interrelationships	34-Who Works in this Forest? • 36-Pollution Search ○	3-4 2-4
Systems	58-There Ought to be a Law • 59-Power of Print (variation) ◎	3-4 3-4
Structure and Scale	74-People, Places & Things ◎	K-3
Patterns of Change	87-Earth Manners ◎ 88-Life on the Edge • 90-The Native Way • 91-In the Good Old Days (part A) •	K-4 4 4 4

B) Culture-Learners understand that experiences and places may be interpreted differently by people with different cultural backgrounds, at different times, or with other frames of reference.

Diversity	4-Sounds Around (parts A, C, variation) ◎ 5-Poet-Tree • 18-Tales of the Sun • 20-Environmental Exchange Box ◎	K-4 3-4 K-4 K-4
Interrelationships	21-Adopt a Tree •	3-4
Systems	49-Tropical Treehouse ◎ 59-Power of Print (variation) ◎	3-4 3-4
Structure and Scale	74-People, Places & Things ◎	K-3
Patterns of Change	90-The Native Way (Enrichment) ◎ 91-In the Good Old Days (part A) • 95-Did You Notice? ◎	4 4 K-4

C) Political and economic systems-Learners understand that government and economic systems exist because people living together in groups need ways to do things such as provide for needs and wants, maintain order, and manage conflict.

Diversity	14-Renewable or Not? ○	4
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**Strand 2-
Knowledge of Environmental
Process and Systems**

Strand 2.3—Humans and Their Societies

**PLT Conceptual
Framework Theme**

PLT Activity # and Title

Grade(s)

Interrelationships

32-A Forest of Many Uses (variation) ○
34-Who Works in This Forest? ●
36-Pollution Search ○
37-Talking Trash, Not! ○

1-4
3-4
2-4
1-4

Systems

49-Tropical Treehouse (part A) ○
53-On the Move ●
58-There Ought to be a Law (part A) ●

3-4
4
3-4

Structure and Scale

69-Forest for the Trees ⊙
74-People, Places, Things ●

4
K-3

Patterns of Change

82-Resource-Go-Round ○
83-Reduce, Reuse, Recycle ○
87-Earth Manners ⊙
88-Life on the Edge ⊙
89-Trees for Many Reasons ●

4
4
K-4
4
2-4

D) Global connections-Learners understand how people are connected at many levels—including the global level—by actions and common responsibilities that concern the environment.

Diversity

14-Renewable or Not? ●
15-A Few of my Favorite Things ⊙
20-Environmental Exchange Box ⊙

4
4
K-4

Interrelationships

31-Plant a Tree ⊙
36-Pollution Search ●
37-Talking Trash, Not! ⊙
38-Every Drop Counts ●
40-Then and Now ⊙

1-4
2-4
1-4
4
3-4

Systems

49-Tropical Treehouse (part A) ⊙
53-On the Move ●

3-4
4

Structure and Scale

74-People, Places, Things ⊙

K-3

Patterns of Change

77-Trees in Trouble ●
82-Resource-Go-Round ●
88-Life on the Edge ●
89-Trees for Many Reasons ●
93-Paper Civilization ○

1-4
4
4
2-4
4

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

**PLT Conceptual
Framework Theme**

PLT Activity # and Title

Grade(s)

Strand 2.3—Humans and Their Societies

E) Change and conflict—Learners recognize that change is a normal part of individual and societal life. They understand that conflict is rooted in different points of view.

Diversity	18-Tale of the Sun •	K-4
Interrelationships	32-A Forest of Many Uses (variation) ⊙	1-4
	36-Pollution Search ○	2-4
	40-Then and Now •	3-4
Systems	49-Tropical Treehouse (part A) ⊙	3-4
	53-On the Move ⊙	4
	58-There Ought to be a Law (part A) •	3-4
Patterns of Change	80-Nothing Succeeds Like Succession ⊙	3-4
	88-Life on the Edge •	4
	89-Trees for Many Reasons (part A) ⊙ 2-4	
	90-The Native Way •	4
	91-In the Good Old Days (part A) •	4
	95-Did You Notice? •	K-4

**Strand 2-
Knowledge of Environmental
Process 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 people depend on, change, and are affected by the environment.

Diversity	4-Sounds Around ☉	K-4	
	12-Tree Treasures •	4	
	13-We All Need Trees •	4	
	14-Renewable or Not? ☉	4	
	15-A few of my Favorite Things •	4	
	16-Pass the Plants, Please •	K-4	
	Interrelationships	28-Air Plants •	3-4
		30-Three Cheers for Trees •	1-4
		31-Plant a Tree •	1-4
		32-A Forest of Many Uses (variation) ☉	1-4
		36-Pollution Search •	2-4
		37-Talking Trash, Not! ☉	1-4
		38-Every Drop Counts •	4
		40-Then and Now •	3-4
	Systems	49-Tropical Treehouse (part A) ☉	3-4
		53-On the Move •	4
54-I'd Like to Visit a Place...(part A) • 4			
Structure and Scale	74-People, Places, Things ☉	K-3	
	75-Tipi Talk ☉	4	
Patterns of Change	80-Nothing Succeeds Like Succession ☉	3-4	
	81-Living With Fire ☉	4	
	82-Resource-Go-Round •	4	
	83-Reduce, Reuse, Recycle ☉	4	
	88-Life on the Edge ☉	4	
	90-The Native Way ☉	4	
	95-Did You Notice? •	K-4	

B) Places-Learners understand that places differ in their physical and human characteristics.

Diversity	4-Sounds Around ○	K-4
	20-Environmental Exchange Box •	K-4
Interrelationships	40-Then and Now •	3-4
Systems	53-On the Move ☉	4
	54-I'd Like to Visit a Place Where •	K-4
Structure and Scale	74-People, Places, Things •	K-3
	75-Tipi Talk •	4

Strand 2- Knowledge of Environmental Process and Systems	PLT Conceptual Framework Theme	PLT Activity # and Title	Grade(s)
Strand 2.4—Environment and Society			
	Patterns of Change	88-Life on the Edge ○ 90-The Native Way ○ 95-Did You Notice? •	4 4 K-4
C) Resources -Learners understand the basic concepts of resource and resource distribution.			
	Diversity	12-Tree Treasures • 13-We All Need Trees • 14-Renewable or Not? • 15-A Few of my Favorite Things • 16-Pass the Plants Please ⊙ 20-Environmental Exchange Box ○	2-4 4 4 4 K-4 K-4
	Interrelationships	32-A Forest of Many Uses (variation) • 37-Talking Trash, Not! • 38-Every Drop Counts •	1-4 1-4 4
	Systems	44-Water Wonders • 49-Tropical Treehouse⊙ 51-Make Your Own Paper • 53-On the Move ⊙	4 3-4 1-4 4
	Structure and Scale	75-Tipi Talk ⊙	4
	Patterns of Change	82-Resource-Go-Round • 83-Reduce, Reuse, Recycle • 87-Earth Manners ⊙ 89-Trees For Many Reason • 93-Paper Civilizations ○	4 4 K-4 2-4 4
D) Technology -Learners understand that technology is an integral part of human existence and culture.			
	Diversity	12-Tree Treasures • 13-We All Need Trees • 14-Renewable or Not? • 15-A Few of my Favorite Things ⊙ 16-Pass the Plants Please ⊙	2-4 4 4 4 K-4
	Interrelationships	34-Who Works in the Forest? • 36-Pollution Search • 37-Talking Trash, Not! • 38-Every Drop Counts ○	3-4 2-4 1-4 4

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

Strand 2.4—Environment and Society

**PLT Conceptual
Framework Theme**

PLT Activity # and Title

Grade(s)

Systems

51-Make Your Own Paper ☉
53-On the Move•

1-4
4

Structure and Scale

69-Forest for the Trees ○
74-People, Places, Things ☉

4
K-3

Patterns of Change

82-Resource-Go-Round ☉
83-Reduce, Reuse, Recycle ☉
93-Paper Civilizations ☉

4
4
4

E) Environmental issues-Learners are familiar with some local environmental issues and understand that people in other places experience environmental issues as well.

Diversity

5-Poet-Tree ☉
14-Renewable or Not? ☉
15-A Few of My Favorite Things ☉
18-Tale of the Sun ☉

3-4
4
4
K-4

Interrelationships

30-Three Cheers for Trees ☉
31-Plant a Tree ☉
32-A Forest of Many Uses (Enrichment) •
36-Pollution Search •
37-Talking Trash, Not! •
38-Every Drop Counts ☉
40-Then and Now (variation) ☉

1-4
1-4
1-4
2-4
1-4
4
3-4

Systems

49-Tropical Treehouse (part A) •
53-On the Move ☉
54-I'd Like to Visit a Place Where...○

3-4
4
4

Structure and Scale

69-Forest for the Trees ☉
74-People, Places, Things ○

4
K-3

Patterns of Change

81-Living With Fire ☉
82-Resource-Go-Round ☉
83-Reduce, Reuse, Recycle ☉
87-Earth Manners ☉
88-Life on the Edge •
90-The Native Way ☉

4
4
4
K-4
4
4

**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.

A) Identifying and investigating issues-Learners are able to identify and investigate issues in their local environments and communities.

Diversity	14-Renewable or Not? ☉	4
	15-A Few of My Favorite Things •	4
	18-Tale of the Sun •	K-4
Interrelationships	30-Three Cheers for Trees ☉	1-4
	31-Plant a Tree ☉	1-4
	32-A Forest of Many Uses (variation) ☉	1-4
	36-Pollution Search •	2-4
	37-Talking Trash, Not! •	1-4
	40-Then and Now ☉	3-4
Systems	49-Tropical Treehouse ☉	3-4
	53-On the Move •	4
	54-I'd Like to Visit a Place Where...☉	4
	58-There Ought to be a Law (part A) ☉ 3-4	
Structure and Scale	69-Forest for the Trees ☉	4
	74-People, Places, Things •	K-3
	77-Trees in Trouble •	1-4
Patterns of Change	83-Reduce, Reuse, Recycle ☉	4
	87-Earth Manners ☉	K-4
	88-Life on the Edge •	4

B) Sorting out the consequences of issues-As students come to understand that environmental and social phenomena are linked, they are able to explore the consequences of issues.

Diversity	14-Renewable or Not? •	4
	15-A Few of My Favorite Things •	4
Interrelationships	30-Three Cheers for Trees ☉	1-4
	32-A Forest of Many Uses •	1-4
	36-Pollution Search •	2-4
	37-Talking Trash, Not! •	1-4
	38-Every Drop Counts ☉	4
Systems	44-Water Wonders ☉	4
	45-Web of Life ☉	4
	53-On the Move ☉	4
	54-I'd Like to Visit a Place Where...☉	4
	58-There Ought to Be A Law (part A) ☉	3-4

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.			
	Patterns of Change	77-Trees in Trouble • 82-Resource-Go-Round ☉ 83-Reduce, Reuse, Recycle ☉ 87-Earth Manners • 88-Life on the Edge • 89-Trees For Many Reasons (part A) ☉	1-4 4 4 K-4 4 2-4
C) Identifying and evaluating alternative solutions and courses of action -Students understand there are many approaches to resolving issues.			
	Interrelationships	31-Plant a Tree • 36-Pollution Search • 37-Talking Trash, Not! • 38-Every Drop Counts •	1-4 2-4 1-4 4
	Systems	54-I'd Like to Visit a Place Where... (variation) • 59-Power of Print (Variation and Enrichment) •	K-3 3-4
	Patterns of Change	77-Trees in Trouble • 82-Resource-Go-Round • 83-Reduce, Reuse, Recycle • 87-Earth Manners • 88-Life on the Edge ☉ 89-Trees For Many Reasons (part A) ☉	1-4 4 4 K-4 4 2-4
D) Working with flexibility, creativity, and openness — Learners understand the importance of sharing ideas and hearing other points of view.			
	Diversity	4-Sounds Around (part C) ☉ 5-Poet-Tree ☉ 14-Renewable or Not? ☉ 18-Tale of the Sun •	K-4 3-4 4 K-4
	Systems	49-Tropical Treehouse☉ 54-I'd Like to Visit a Place Where...○ 58-There Ought to Be a Law (part A) ☉ 59-Power of Print (Variation and Enrichment) ☉	3-4 4 3-4 3-4
	Patterns of Change	77-Trees in Trouble (Enrichment) ○ 87-Earth Manners ☉ 88-Life on the Edge • 89-Trees for Many Reasons • 90-The Native Way • 91-In the Good Old Days •	1-4 K-4 4 2-4 4 4

**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-Learners are able to examine and express their own views on environmental issues.

Diversity	5-Poet Tree • 9-Planet of Plenty ☉ 13-We All Need Trees ☉ 14-Renewable or Not? ☉	3-4 4 4 4
Interrelationships	32-A Forest of Many Uses • 36-Pollution Search • 37-Talking Trash, Not! ☉ 38-Every Drop Counts (part A) ○ 40-Then and Now (variation) •	1-4 2-4 1-4 4 3-4
Systems	45-Web of Life • 48-Field, Forest, and Stream ☉ 53-On the Move • 54-I'd Like to Visit a Place Where...☉	4 4 4 4
Structure and Scale	69-Forest for the Trees ☉	4
Patterns of Change	87-Earth Manners ☉ 88-Life on the Edge • 89-Trees for Many Reasons •	K-4 4 2-4

B) Evaluating the need for citizen action-Learners are able to think critically about whether they believe action is needed in particular situations and whether they believe they should be involved.

Diversity	15-A Few of My Favorite Things ○	4
Interrelationships	36-Pollution Search ○ 37-Talking Trash, Not! ☉ 38-Every Drop Counts •	2-4 1-4 4
Systems	54-I'd Like to Visit a Place Where... ☉ 4 58-There Ought to be a Law (part A) ☉ 3-4	
Patterns of Change	83-Reduce, Reuse, Recycle • 87-Earth Manners ☉ 88-Life on the Edge • 89-Trees for Many Reasons ☉	4 K-4 4 2-4

**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

C) Planning and taking action-By participating in issues of their choosing-mostly close to home-students learn the basics of individual and collective action.

Diversity	15-A Few of My Favorite Things (Enrichment) •	4
Interrelationships	31-Plant a Tree •	1-4
	36-Pollution Search (Enrichment) •	2-4
	37-Talking Trash, Not! •	1-4
	38-Every Drop Counts (part B) •	4
Systems	47-Are Vacant Lots Vacant? (Enrichment)○	K-4
	54-I'd Like To Visit A Place Where... •	4
	58-There Ought to be a Law (part A) •	3-4
Patterns of Change	77-Trees in Trouble •	1-4
	83-Reduce, Reuse, Recycle ☉	4
	87-Earth Manners •	K-4
	88-Life on the Edge ☉	4

D) Evaluating the results of actions-Learners understand that civic actions have consequences.

Interrelationships	31-Plant a Tree •	1-4
	36-Pollution Search (part B and Enrichment) •	2-4
	37-Talking Trash, Not! •	1-4
	38-Every Drop Counts (part B) •	4
Systems	58-There Ought to be a Law (part A and Enrichment) •	3-4
Patterns of Change	83-Reduce, Reuse, Recycle •	4

**Strand 4--
Personal and Civic
Responsibility**

**PLT Conceptual
Framework Theme**

PLT Activity # and Title

Grade(s)

A) Understanding societal values and principles-
Learners can identify fundamental principles of U.S. society and explain their importance in the context of environmental issues.

Systems	49-Tropical Treehouse • 58-There Ought to Be a Law (part A) •	3-4 3-4
Patterns of Change	87-Earth Manners ☉ 89-Trees for Many Reasons (part A) ☉ 90-The Native Way ☉	K-4 2-4 4

B) Recognizing citizens' rights and responsibilities -
Learners understand the basic rights and responsibilities of citizenship.

Diversity	14-Renewable or Not? ☉	4
Interrelationships	36-Pollution Search • 38-Every Drop Counts •	2-4 4
Systems	58-There Ought to Be a Law (part A) •	3-4
Patterns of Change	83-Reduce, Reuse, Recycle ☉ 87-Earth Manners ☉ 88-Life on the Edge ☉ 89-Trees for Many Reasons (part A) ☉	4 K-4 4 2-4

C) Recognizing efficacy-Learners possess a realistic self-confidence in their effectiveness as citizens.

Interrelationships	36-Pollution Search • 38-Every Drop Counts •	2-4 4
Systems	58-There Ought to Be a Law (part A) •	3-4
Patterns of Change	83-Reduce, Reuse, Recycle • 88-Life on the Edge ☉	4 4

**Strand 4--
Personal and Civic
Responsibility**

**PLT Conceptual
Framework Theme**

PLT Activity # and Title

Grade(s)

D) Accepting personal responsibility-Learners understand that they have responsibility for the effects of their actions.

Diversity	9-Planet of Plenty ☉	4
	13-We All Need Trees ☉	4
	14-Renewable or Not? •	4
	15-A Few Of My Favorite Things, (Enrichment) •	4
Interrelationships	31-Plant A Tree ☉	1-4
	36-Pollution Search •	2-4
	37-Talking Trash, Not! •	1-4
	38-Every Drop Counts •	4
Systems	58-There Ought to Be a Law (part A) •	3-4
Patterns of Change	83-Reduce, Reuse, Recycle •	4
	87-Earth Manners •	K-4
	89-Trees for Many Reasons •	2-4