



Correlation of Common Core State Standards with PLT's *PreK-8 Environmental Education Activity Guide*

Project Learning Tree (PLT) activities will help you address many of the Common Core State Standards. This correlation document allows you to easily find PLT activities that address specific standards by grade. To view the Common Core State Standards, please click here <http://www.corestandards.org/>.

The PLT activity numbers in **bold** on the chart have a strong correlation to the particular standard. PLT activity numbers that are not bold address the standard, but are not sufficient to meet the standard. Please note that PLT activity numbers correspond to the chronological order of the activities in the PLT Guide, and not to the page number.

PLT's activities are designed to be infused into your existing curriculum so they can reinforce language arts, math, science, and social studies concepts; can provide hands-on lessons; can engage students to think critically; and can carry out observations and experiments.

The correlations are based on the way the activity is written. They do not take into account the myriad ways a teacher could modify an activity to address a standard more directly or completely. In addition, if the content of the standard is referred to in the activity's background information, but if the students do not act on the information in the written activity, it is not included in the correlations.

English Language Arts Correlation Chart

Results for multiple grades have been aggregated on the correlation chart for English language arts in the following way: kindergarten through second grade, third through fifth grade, and sixth through eighth grade. At the beginning of each PLT activity, grade levels for various parts of the activity are indicated. PLT activities, however, can be geared up or down with slight modifications.

For simplicity, only the **Anchor Standards** are shown on the correlation chart for English language arts; however, when the correlations were completed, each activity was correlated to the specific standards that apply to each grade. For the Standards for Literacy in History/Social Studies, Science, and Technical Subjects (grades 6–8), specific standards are included on the table.

The Anchor Standards for Reading apply to both literature and informational texts. The correlation chart clearly indicates which PLT activities support the **Reading Standards for Literature (RL)** and which PLT activities support the **Reading Standards for Informational Texts (RI)**. The **Reading Standards: Foundational Skills (RF)** and **Language Standards (L)** are not directly applicable to PLT activities; therefore, they were not included in the correlation chart.

Although the standards for language are not included on the correlation chart, educators can address Language Standards (L1, L2, L3, and L6) with any PLT activity that includes writing. Please see the Anchor Standards for Writing section of the correlation chart for a list of the PLT activities with writing components.

Project Learning Tree Reading Connections

At the end of each PLT activity, relevant books are listed in a box titled “Reading Connections.” The books were selected to build on concepts learned in the activity and to assist teachers in meeting reading goals beyond any goal included in the actual activity. Additional books correlated to each activity, but not noted in the box, can be found at www.plt.org under the PreK–8 Guide’s Resources.

PLT advocates the use of a wide variety of fiction and nonfiction books including the following:

- Folktales
- Myths and legends
- Content-based
- Poetry
- Chants and songs
- Maps and charts
- Culturally diverse
- Global in scope

Several PLT activities include “read-alouds” to stimulate vocabulary and language development and to increase content knowledge. Read-alouds include stories for teachers to read out loud or for students to read to one another.

Mathematics Correlation Chart

Approximately one third of the PLT activities include a math component, ranging in concepts covered from kindergarten to eight grade. Students may often wonder why they should care about learning a certain math concept. The math components of PLT activities give such students a chance to see “real-world” applications of math. Through PLT activities, students count tree rings, discover shapes in nature, learn about the exponential growth of invasive species, measure and graph plant growth under various conditions, learn about volume as they investigate water conservation, and more.

The correlation chart for mathematics has a designated page for each grade level. The chart states the broad math domain as well as the cluster standards. This level of specificity should help educators so they quickly find the PLT activities that address particular math concepts and standards.

How to Get PLT's PreK–8 Environmental Education Activity Guide

Most Project Learning Tree curriculum materials are made available only through free or low-cost professional development workshops. This approach ensures the highest quality experience, while fulfilling existing needs for continuing education credits, in- service trainings, or professional development hours. Project Learning Tree workshops are organized through its network of sponsors, state coordinators, and facilitators. Visit www.plt.org to contact your state coordinator and to learn about upcoming workshops.

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PreK-8 Environmental Education Activities by Number

Additional resource correlations for the activity titles below can be found by logging into www.plt.org and selecting "Resources for PLT Activities."

1. The Shape of Things
2. Get in Touch with Trees
3. Peppermint Beetle
4. Sounds Around
5. Poet-Tree
6. Picture This!
7. Habitat Pen Pals
8. The Forest of S.T. Shrew
9. Planet Diversity
10. Charting Diversity
11. Can It Be Real?
12. Invasive Species
13. We All Need Trees
14. Renewable or Not?
15. A Few of My Favorite Things
16. Pass the Plants, Please
17. People of the Forest
18. Tale of the Sun
19. Viewpoints on the Line
20. Environmental Exchange Box
21. Adopt a Tree
22. Trees as Habitats
23. The Fallen Log
24. Nature's Recyclers
25. Birds and Worms
26. Dynamic Duos
27. Every Tree for Itself
28. Air Plants
29. Rain Reasons
30. Three Cheers for Trees
31. Plant a Tree
32. A Forest of Many Uses
33. Forest Consequences
34. Who Works in this Forest?
35. Loving It Too Much
36. Pollution Search
37. Reduce, Reuse, Recycle
38. Every Drop Counts
39. Energy Sleuths
40. Then and Now
41. How Plants Grow
42. Sunlight and Shades of Green
43. Have Seeds, Will Travel
44. Water Wonders
45. Web of Life
46. Schoolyard Safari
47. Are Vacant Lots Vacant?
48. Field, Forest, and Stream
49. Tropical Treehouse
50. 400-Acre Wood
51. Make Your Own Paper
52. A Look at Aluminum
53. On the Move
54. I'd Like to Visit a Place Where...
55. Planning the Ideal Community
56. We Can Work It Out
57. Democracy in Action
58. There Ought to Be a Law
59. Power of Print
60. Publicize It!
61. The Closer You Look
62. To Be a Tree
63. Tree Factory
64. Looking at Leaves
65. Bursting Buds
66. Germinating Giants
67. How Big Is Your Tree?
68. Name that Tree
69. Forest for the Trees
70. Soil Stories
71. Watch on Wetlands
72. Air We Breathe
73. Waste Watchers
74. People, Places, Things
75. Tipi Talk
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
83. A Peek at Packaging
84. The Global Climate
85. In the Driver's Seat
86. Our Changing World
87. Earth Manners
88. Life on the Edge
89. Trees for Many Reasons
90. Native Ways
91. In the Good Old Days
92. A Look at Lifestyles
93. Paper Civilizations
94. By the Rivers of Babylon
95. Did You Notice?
96. Improve Your Place

GRADES KINDERGARTEN – SECOND, LITERATURE TEXTS

Correlation of Project Learning Tree’s PreK-8 Environmental Education Activity Guide with the Common Core Standards for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects

KEY: Variation Refers to the section of the activity that correlates with the Common Core ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Standards for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects Grades Kindergarten – 2 nd → LITERATURE TEXTS									
	Key Ideas and Details			Craft and Structure			Integrate Knowledge and Ideas			Range of Reading and Level of Text Complexity
PLT PreK-8 EE Activity Guide	1. Read closely to determine what the texts says explicitly and the make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text	2. Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas	3. Analyze how and why individuals, events, and ideas develop and interact over the course of the text	4. Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone	5. Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole	6. Assess how point of view or purpose shapes the content and style of text	7. Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively , as well as in words	8. Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence	9. Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take	10. Read and comprehend complex literary and informational texts independently and proficiently
8	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +			
18	✓ +	✓ +	✓	✓	✓	✓			✓ +	✓
22	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +			✓ +
36	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +			✓ +
87	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +		✓ +	✓ +
89	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +			✓ +

GRADES KINDERGARTEN - SECOND, INFORMATIONAL TEXTS

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Standards for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects

KEY: Variation Refers to the section of the activity that correlates with the Common Core	Standards for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects Grades Kindergarten – 2 nd → INFORMATIONAL TEXTS									
	Key Ideas and Details			Craft and Structure			Integrate Knowledge and Ideas			Range of Reading and Level of Text Complexity
✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	1. Read closely to determine what the texts says explicitly and the make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text	2. Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas	3. Analyze how and why individuals, events, and ideas develop and interact over the course of the text	4. Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone	5. Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole	6. Assess how point of view or purpose shapes the content and style of text	7. Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively , as well as in words	8. Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence	9. Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take	10. Read and comprehend complex literary and informational texts independently and proficiently
PLT PreK-8 EE Activity Guide										
13	✓ +	✓ +								
77	✓ +	✓		✓			✓ +			

GRADES KINDERGARTEN - SECOND

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Anchor Standards for Writing

KEY: Variation Enrichment Refers to the section of the activity that correlates with the Common Core ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Anchor Standards for Writing Grades Kindergarten – 2 nd									
	Text Types and Purposes			Production and Distribution of Writing			Research to Build and Present Knowledge			Range of Writing
	1. Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.	2. Write informative/explanatory texts to examine and convey complex ideas and information clearly and accurately through the effective selection, organization, and analysis of content	3. Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences	4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience	5. Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach	6. Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others	7. Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation	8. Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism	9. Draw evidence from literacy or informational texts to support analysis, reflection, and research	10. Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences
PLT PreK-8 EE Activity Guide				N/A		✓			N/A	N/A
1				N/A		✓			N/A	N/A
2	✓			N/A			✓		N/A	N/A
6		✓		N/A	✓	✓	✓ +	✓	N/A	N/A
8			✓ + Enrichment	N/A					N/A	N/A
18			✓ + Enrichment	N/A	✓ Enrichment	✓ Enrichment			N/A	N/A
20		✓		N/A	✓	✓	✓	✓ +	N/A	N/A

24		✓		N/A		✓ +	✓		N/A	N/A
31	✓			N/A			✓		N/A	N/A
36		✓ Enrichment		N/A		✓ Enrichment			N/A	N/A
43				N/A			✓ Enrichment		N/A	N/A
46				N/A			✓ Enrichment		N/A	N/A
47			✓ +	N/A					N/A	N/A
51		✓ + Enrichment		N/A					N/A	N/A
61		✓ +		N/A					N/A	N/A
62			✓ + Enrichment	N/A	✓ Enrichment	✓ Enrichment			N/A	N/A
63				N/A	✓ Enrichment	✓ Enrichment			N/A	N/A
74			✓ + Enrichment	N/A	✓ Enrichment				N/A	N/A
76			✓ + Enrichment	N/A					N/A	N/A
87		✓ +		N/A		✓ +			N/A	N/A
89	✓		✓ + Enrichment	N/A	✓ Enrichment				N/A	N/A

GRADES KINDERGARTEN - SECOND

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Anchor Standards for Speaking and Listening

KEY: Variation Enrichment Refers to the section of the activity that correlates with the Common Core ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Anchor Standards for Speaking and Listening Grades Kindergarten – 2 nd					
	Comprehension and Collaboration			Presentation of Knowledge and Ideas		
PLT PreK- 8 EE Activity Guide	1. Prepare for and participate effectively in a range of conversations and collaborations with diverse partners, building on others' ideas and expressing their own clearly and persuasively	2. Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally	3. Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric	4. Present information, findings, and supporting evidence such that listeners can follow the line of reasoning and the organization, development, and style are appropriate to task, purpose, and audience	5. Make strategic use of digital media and visual displays of data to express information and enhance understanding of presentations	6. Adapt speech to a variety of contexts and communicative tasks, demonstrating command of formal English when indicated or appropriate
1	✓			✓	✓	✓ +
2	✓	✓		✓ +		✓ +
4	✓ +	✓		✓ +	✓ +	✓ +
6	✓ +			✓	✓	✓ +
13	✓ +					
18	✓ +	✓ +				

20				✓ +		
21	✓ +	✓	✓			✓
22	✓ +	✓ +	✓	✓		✓
24	✓ +	✓	✓	✓ +	✓ +	✓ +
31	✓		✓			
36	✓	✓ +				
39	✓	✓	✓	✓ +	✓ +	✓ +
43	✓ +	✓		✓		
46	✓ +	✓	✓	✓	✓	✓
70	✓ +			✓	✓	✓
74	✓ +	✓	✓	✓ +	✓ +	
87	✓ +	✓ +				✓ +

END Grades K-2 Project Learning Tree - Common Core Language Arts Correlation

90	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +
92	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +		✓ +	✓ +	✓ +

GRADES THREE - FIVE, INFORMATIONAL TEXTS

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Standards for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects

KEY: Variation Refers to the section of the activity that correlates with the Common Core	Standards for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects Grades 3 rd – 5 th → INFORMATIONAL TEXTS									
	Key Ideas and Details			Craft and Structure			Integrate Knowledge and Ideas			Range of Reading and Level of Text Complexity
✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	1. Read closely to determine what the texts says explicitly and the make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text	2. Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas	3. Analyze how and why individuals, events, and ideas develop and interact over the course of the text	4. Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone	5. Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole	6. Assess how point of view or purpose shapes the content and style of text	7. Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words	8. Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence	9. Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take	10. Read and comprehend complex literary and informational texts independently and proficiently
PLT PreK-8 EE Activity Guide										
11	✓						✓			
12	✓ +	✓ +	✓				✓			✓
13	✓ +	✓ +								✓
17	✓ +	✓ +	✓		✓	✓	✓		✓	✓
18										
39	✓ +	✓ +		✓ +	✓	✓	✓	✓	✓	✓
49	✓ +	✓					✓			✓

52	✓ +			✓		✓	✓ +			
56	✓ +	✓ +	✓	✓		✓	✓ +	✓		
58	✓									
60	✓	✓								
77	✓ +	✓		✓			✓ +			
90	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +
93	✓	✓	✓				✓			

GRADES THREE - FIVE

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Anchor Standards for Writing

KEY: Variation Enrichment Refers to the section of the activity that correlates with the Common Core ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Anchor Standards for Writing Grades 3 rd – 5 th									
	Text Types and Purposes			Production and Distribution of Writing			Research to Build and Present Knowledge			Range of Writing
PLT PreK-8 EE Activity Guide	1. Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.	2. Write informative/explanatory texts to examine and convey complex ideas and information clearly and accurately through the effective selection, organization, and analysis of content	3. Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences	4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience	5. Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach	6. Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others	7. Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation	8. Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism	9. Draw evidence from literacy or informational texts to support analysis, reflection, and research	10. Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences
2	✓			✓			✓			✓
4			✓ +	✓ +	✓					✓ +
5	✓ + Enrichment		✓ +	✓ +	✓	✓ +				✓ +
7		✓ +	✓ +	✓ +	✓	✓ Enrichment	✓ +	✓ +	✓	✓ +
8			✓ + Enrichment	✓ + Enrichment	✓ Enrichment		✓ + Enrichment	✓ Enrichment		✓ + Enrichment

9			✓ Enrichment	✓ Enrichment	✓ Enrichment					✓ Enrichment
10							✓			
11				✓		✓	✓ +	✓ +	✓	✓
12		✓		✓		✓	✓ +	✓ +	✓	✓ +
15							✓			
17		✓ +		✓ +	✓	✓ +	✓ +	✓ +	✓	✓ +
18			✓ + Enrichment	✓ + Enrichment	✓ Enrichment	✓ Enrichment				✓ + Enrichment
20		✓		✓	✓	✓	✓	✓	✓	✓
21				✓		✓				✓
22		✓				✓				✓
24		✓		✓		✓ +	✓			✓
26			✓ Enrichment	✓ Enrichment			✓ Enrichment	✓ Enrichment		✓ Enrichment
29									✓	
31	✓			✓			✓ +			✓
33									✓	
34		✓ Enrichment		✓ Enrichment						
36		✓ Enrichment		✓ Enrichment		✓ Enrichment				✓ Enrichment

39		✓ +		✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +
40		✓ + Enrichment	✓ + Enrichment	✓ + Enrichment	✓ + Enrichment	✓	✓ +	✓ + Enrichment	✓ +	✓ +
43							✓ Enrichment			
44		✓	✓	✓	✓					✓
45							✓			
46							✓ Enrichment			
47						✓				
49		✓ +		✓ +	✓ +	✓ +	✓ +	✓ +	✓	✓ +
51		✓ Enrichment		✓ Enrichment	✓ Enrichment					✓ Enrichment
53		✓ Enrichment		✓ Enrichment	✓ Enrichment	✓ Enrichment				✓ Enrichment
54		✓ +		✓ +	✓ +					✓ +
57							✓ +	✓ +	✓	✓
58		✓		✓	✓	✓ +	✓ +	✓ +	✓	✓ +
59									✓ +	
60		✓ +		✓ +	✓ +	✓ +				✓ +
61		✓ Enrichment		✓ Enrichment	✓ Enrichment					✓ Enrichment
62			✓	✓	✓	✓				✓

			Enrichment	Enrichment	Enrichment	Enrichment				Enrichment
63			✓ Enrichment	✓ Enrichment	✓ Enrichment	✓ Enrichment				✓ Enrichment
71									✓	
75							✓ Enrichment			
76			✓ + Variation	✓ + Variation	✓ Variation		✓	✓		✓ Variation
77			✓ Enrichment	✓ Enrichment	✓ Enrichment					✓ Enrichment
78			✓ Enrichment	✓ Enrichment	✓ Enrichment					✓ Enrichment
79		✓		✓	✓		✓ +			✓
80										
82							✓			
84							✓ Enrichment			
86		✓ +		✓ +	✓ +	✓ +	✓ +	✓	✓ +	✓ +
87		✓		✓		✓				
88	✓ +	✓ +		✓ +	✓	✓	✓ +	✓ +	✓ +	✓ +
89	✓		✓ + Enrichment	✓	✓ Enrichment					✓
90							✓ Enrichment	✓ Enrichment	✓ Enrichment	

91									✓ +	
92	✓ Enrichment			✓ + Enrichment	✓ Enrichment		✓ +	✓ +	✓	✓ + Enrichment
93							✓ + Enrichment	✓ Enrichment		
94										
95		✓ + Enrichment	✓ + Enrichment	✓ + Enrichment	✓ + Enrichment		✓ +	✓	✓ Enrichment	✓ + Enrichment
96		✓		✓	✓	✓ +				✓

GRADES THREE - FIVE

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Anchor Standards for Speaking and Listening

KEY: Variation Enrichment Refers to the section of the activity that correlates with the Common Core ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Anchor Standards for Speaking and Listening Grades 3 rd – 5 th					
	Comprehension and Collaboration			Presentation of Knowledge and Ideas		
	1. Prepare for and participate effectively in a range of conversations and collaborations with diverse partners, building on others' ideas and expressing their own clearly and persuasively	2. Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally	3. Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric	4. Present information, findings, and supporting evidence such that listeners can follow the line of reasoning and the organization, development, and style are appropriate to task, purpose, and audience	5. Make strategic use of digital media and visual displays of data to express information and enhance understanding of presentations	6. Adapt speech to a variety of contexts and communicative tasks, demonstrating command of formal English when indicated or appropriate
PLT PreK-8 EE Activity Guide						
2	✓					✓
4	✓	✓		✓		✓
5	✓ +				✓ +	✓ +
6				✓		✓ +
7	✓		✓			
9	✓ +	✓ +	✓	✓ +	✓ +	✓ +
10	✓ +			✓ +		✓ +

11	✓			✓	✓	✓
12	✓ +	✓ +	✓	✓ +	✓ +	✓ +
13	✓ +	✓ +	✓ +	✓		✓
14	✓					
17	✓ +	✓		✓ +	✓ +	✓ +
18	✓ +	✓				
22	✓	✓	✓ +	✓ +	✓ +	✓
23	✓	✓	✓ +	✓ +	✓ +	✓
24	✓ +	✓	✓ +	✓ +	✓ +	✓ +
31	✓					
32	✓ +					✓
34	✓ +					
36	✓	✓				
38	✓	✓	✓ +	✓ +		✓ +
39	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +
40	✓	✓	✓ Enrichment	✓ Enrichment		
42	✓	✓				
43	✓					
46	✓ +	✓		✓	✓	✓

47	✓ +	✓	✓	✓ +	✓ +	✓ +
48	✓ +	✓ +	✓	✓ +		✓
49	✓	✓		✓	✓	✓
52	✓	✓				
53	✓			✓	✓	
54	✓					
55	✓			✓	✓	✓
56	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +
57	✓ +		✓ + Enrichment Variation			
58	✓	✓	✓ + Enrichment			
59						
60	✓ +	✓ +	✓	✓		✓
70	✓ +	✓	✓			
74	✓			✓		✓
75	✓					
76						
79				✓ +	✓ +	✓
80				✓ +	✓ +	✓

81						
82	✓			✓	✓	✓
83	✓			✓		✓
86	✓ +	✓	✓	✓ +	✓ +	✓ +
88	✓	✓		✓ +	✓ +	✓ +
89	✓ +	✓ +	✓ +	✓ +		✓
92	✓ +	✓				
93	✓			✓	✓	✓
95	✓ +	✓ +	✓	✓	✓ +	✓
96	✓ +	✓	✓	✓ +	✓ +	✓

END Project Learning Tree - Common Core Language Arts Correlation

GRADES SIX - EIGHT, LITERATURE TEXTS

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Standards for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects

KEY: Variation Refers to the section of the activity that correlates with the Common Core ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Standards for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects Grades 6th – 8th → LITERATURE TEXTS									
	Key Ideas and Details			Craft and Structure			Integrate Knowledge and Ideas			Range of Reading and Level of Text Complexity
	1. Read closely to determine what the texts says explicitly and the make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text	2. Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas	3. Analyze how and why individuals, events, and ideas develop and interact over the course of the text	4. Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone	5. Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole	6. Assess how point of view or purpose shapes the content and style of text	7. Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively , as well as in words	8. Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence	9. Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take	10. Read and comprehend complex literary and informational texts independently and proficiently
4	✓	✓	✓ +	✓ +	✓ +	✓ +			✓	✓
5	✓			✓	✓					
8	✓ +	✓	✓ +	✓ +	✓ +	✓ +	✓ +			
18	✓ +	✓	✓ +	✓	✓	✓			✓ +	
80	✓ +		✓ +		✓ +	✓	✓ +			
87										
89	✓ +	✓	✓ +	✓ +	✓ +	✓ +	✓ +		✓ +	

90	✓ +	✓	✓ +	✓ +	✓ +	✓ +	✓ +		✓ +	✓ +
91	✓			✓		✓			✓ +	✓
92	✓ +	✓	✓ +	✓ +	✓ +	✓ +			✓ +	✓ +

GRADES SIX - EIGHT, INFORMATIONAL TEXTS

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Standards for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects

KEY: Variation Refers to the section of the activity that correlates with the Common Core ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Standards for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects Grades 6 th – 8 th → INFORMATIONAL TEXTS									
	Key Ideas and Details			Craft and Structure			Integrate Knowledge and Ideas			Range of Reading and Level of Text Complexity
	1. Read closely to determine what the texts says explicitly and the make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text	2. Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas	3. Analyze how and why individuals, events, and ideas develop and interact over the course of the text	4. Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone	5. Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole	6. Assess how point of view or purpose shapes the content and style of text	7. Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively , as well as in words	8. Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence	9. Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take	10. Read and comprehend complex literary and informational texts independently and proficiently
11	✓						✓			
12	✓ +	✓ +	✓				✓			✓
13	✓ +	✓ +	✓							✓
17	✓ +	✓ +	✓		✓	✓	✓		✓	✓
29	✓ +	✓ +	✓	✓	✓		✓ +			✓
33	✓ +	✓ +	✓ +	✓ +	✓	✓ +	✓ +	✓ +	✓ +	✓
35	✓ +	✓ +	✓ +	✓ +	✓	✓ +	✓ +	✓ +		✓

39	✓ +	✓ +		✓ +	✓	✓	✓	✓	✓	✓
49	✓ +	✓ +		✓ +		✓	✓	✓	✓ +	✓ +
50	✓ +	✓ +	✓ +	✓	✓	✓ +	✓ +	✓ +	✓	✓
52	✓ +			✓		✓	✓ +			
56	✓ +	✓ +	✓	✓		✓	✓ +	✓		
58	✓									
59	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +
60	✓	✓								
69	✓ Variation	✓ Variation	✓ Variation	✓ Variation	✓ Variation					✓ Variation
71	✓ +	✓ +	✓ +	✓ +	✓	✓		✓ +	✓	✓
72	✓ +	✓ +	✓	✓	✓	✓		✓ +		✓
77	✓ +	✓		✓			✓ +			
84	✓ +	✓	✓	✓	✓	✓	✓	✓	✓ +	✓
90	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +
91	✓			✓		✓			✓ +	✓
93	✓	✓	✓				✓			
94	✓ +	✓ +	✓	✓	✓	✓	✓ +			

GRADES SIX - EIGHT

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Anchor Standards for Writing

KEY: Variation Enrichment Refers to the section of the activity that correlates with the Common Core ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Anchor Standards for Writing Grades 6 th – 8 th									
	Text Types and Purposes			Production and Distribution of Writing			Research to Build and Present Knowledge			Range of Writing
PLT PreK-8 EE Activity Guide	1. Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.	2. Write informative/explanatory texts to examine and convey complex ideas and information clearly and accurately through the effective selection, organization, and analysis of content	3. Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences	4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience	5. Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach	6. Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others	7. Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation	8. Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism	9. Draw evidence from literacy or informational texts to support analysis, reflection, and research	10. Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences
2				✓			✓			✓
4			✓ +	✓ +	✓					✓ +
5			✓ +	✓ +	✓	✓ +				✓ +
7		✓ +	✓ +	✓ +	✓	✓ Enrichment	✓ +	✓ +	✓	✓ +
8			✓ + Enrichment	✓ + Enrichment	✓ Enrichment		✓ + Enrichment	✓ Enrichment		✓ + Enrichment
9			✓	✓	✓					✓

			Enrichment	Enrichment	Enrichment					Enrichment
10							✓			
11				✓		✓	✓ +	✓ +	✓	✓
12		✓		✓		✓	✓ +	✓ +	✓	✓ +
15							✓			
17		✓ +		✓ +		✓ +	✓ +	✓ +	✓	✓ +
18			✓ + Enrichment	✓ + Enrichment		✓ Enrichment				✓ + Enrichment
20		✓		✓		✓	✓	✓	✓	✓
21				✓		✓				✓
22		✓				✓				✓
24		✓		✓		✓ +	✓			✓
26			✓ Enrichment	✓ + Enrichment			✓ Enrichment	✓ Enrichment		✓ Enrichment
29								✓	✓	
31				✓			✓			✓
33	✓ + Enrichment	✓ +		✓ +		✓ +		✓ Enrichment	✓	✓ Enrichment
34		✓ Enrichment		✓ Enrichment						✓ Enrichment
36		✓ Enrichment		✓ Enrichment		✓ Enrichment				✓ Enrichment

39		✓ +		✓ +		✓ +	✓ +	✓ +	✓ +	✓ +
40		✓ + Enrichment	✓ + Enrichment	✓ + Enrichment		✓	✓ +	✓ + Enrichment	✓ +	✓ +
43							✓ Enrichment			
44			✓	✓						✓
45							✓			
49		✓ +		✓ +		✓ +	✓ +	✓ +	✓	✓ +
51		✓ Enrichment		✓ Enrichment						✓ Enrichment
53		✓ Enrichment		✓ Enrichment		✓ Enrichment				✓ Enrichment
54		✓ +		✓ +						✓ +
57							✓ +	✓ +	✓	✓
58		✓		✓		✓ +	✓ +	✓ +	✓	✓ +
59	✓ +	✓ +		✓ +		✓ +	✓ +	✓ +	✓ +	✓ +
60		✓ +		✓ +		✓ +				✓ +
63			✓ Enrichment	✓ Enrichment		✓ Enrichment				✓ Enrichment
71		✓ +		✓ +		✓ +	✓ +	✓ +	✓	✓ +
77			✓ Enrichment	✓ Enrichment						✓ Enrichment
78			✓	✓						✓

			Enrichment	Enrichment						Enrichment
79		✓		✓			✓ +			✓
82							✓			
84							✓ Enrichment			
86		✓ +		✓ +		✓ +	✓ +	✓ +	✓ +	✓ +
88	✓ +	✓		✓ +		✓	✓ +	✓ +	✓ +	✓ +
89	✓		✓ + Enrichment	✓						✓
90							✓ Enrichment	✓ Enrichment	✓ Enrichment	
91	✓ +	✓ +	✓ +	✓ +			✓ +	✓ +		✓ +
92	✓ Enrichment			✓ + Enrichment			✓ +	✓ +		✓ + Enrichment
93							✓ + Enrichment	✓ Enrichment		
94		✓ Enrichment		✓ Enrichment			✓ + Enrichment	✓ Enrichment	✓ Enrichment	
95		✓ + Enrichment	✓ + Enrichment	✓ + Enrichment			✓ +	✓	✓	✓ + Enrichment
96		✓		✓		✓ +				✓

GRADES SIX - EIGHT

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Anchor Standards for Speaking and Listening

KEY: Variation Enrichment Refers to the section of the activity that correlates with the Common Core ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Anchor Standards for Speaking and Listening Grades 6 th – 8 th					
	Comprehension and Collaboration			Presentation of Knowledge and Ideas		
	1. Prepare for and participate effectively in a range of conversations and collaborations with diverse partners, building on others' ideas and expressing their own clearly and persuasively	2. Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally	3. Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric	4. Present information, findings, and supporting evidence such that listeners can follow the line of reasoning and the organization, development, and style are appropriate to task, purpose, and audience	5. Make strategic use of digital media and visual displays of data to express information and enhance understanding of presentations	6. Adapt speech to a variety of contexts and communicative tasks, demonstrating command of formal English when indicated or appropriate
PLT PreK-8 EE Activity Guide						
4	✓	✓				✓
5	✓ +				✓	✓
9	✓ +	✓ +	✓	✓ +	✓ +	✓ +
10	✓ +			✓ +		✓ +
11	✓			✓	✓	✓
12	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +
13	✓ +		✓ +	✓		✓

14	✓					
17	✓ +	✓		✓ +	✓ +	✓ +
19			✓	✓		
22	✓	✓	✓	✓ +	✓ +	✓
23	✓	✓		✓ +	✓ +	✓
24	✓ +	✓		✓ +	✓ +	✓
29	✓ +		✓ +	✓ +		✓
31	✓		✓			
32	✓					✓
33	✓ +		✓	✓ +	✓ +	✓ +
34	✓ +					✓
35	✓ +	✓ +	✓ +			
36	✓	✓				
38	✓	✓		✓ +		✓ +
39	✓ +	✓ +	✓	✓ +	✓ +	✓ +
40	✓	✓	✓ +	✓ Enrichment		
43	✓					
47	✓ +	✓	✓	✓ +	✓ +	✓ +
48	✓ +	✓ +	✓	✓ +		✓

49	✓	✓	✓	✓	✓	✓
50	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +
52	✓	✓				
53	✓			✓	✓	
54	✓					
55	✓			✓	✓	✓
56	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +
57	✓ +		✓ + Enrichment Variation			
58	✓	✓	✓ + Enrichment			
59	✓ +	✓ +	✓ +	✓	✓	
60	✓ +	✓ +	✓	✓		✓
70	✓	✓	✓			
71	✓ +	✓ +	✓ +	✓ +	✓ +	✓ +
72	✓			✓		
75	✓					
79				✓ +	✓ +	✓
80				✓ +	✓ +	✓
82	✓			✓		✓

83	✓			✓	✓	✓
84	✓					
86	✓ +	✓	✓	✓ +	✓ +	✓ +
88	✓	✓		✓ +	✓ +	✓ +
89	✓ +	✓ +	✓ +	✓ +		✓
92	✓ +	✓				
93	✓			✓	✓	✓
94	✓			✓	✓	✓
95	✓ +	✓ +	✓	✓	✓ +	✓
96	✓ +	✓	✓	✓ +	✓ +	✓

GRADES SIX - EIGHT

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Reading Standards for Literacy in History/Social Studies

KEY: ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Reading Standards for Literacy in History/Social Studies									
	Key Ideas and Details			Craft and Structure			Integration of Knowledge and Ideas			Range of Reading and Level of Text Complexity
	1. Cite specific textual evidence to support analysis of primary and secondary sources	2. Determine the central ideas or information of a primary or secondary source; provide an accurate summary of the source distinct from prior knowledge or opinions	3. Identify key steps in a text's descriptions of a process related to history/social studies (e.g., how a bill becomes law, how interest rates are raised and lowered)	4. Determine the meaning of words and phrases as they are used in a text, including vocabulary specific to domains related to history/social studies	5. Describe how a text presents information (e.g., sequentially, comparatively, causally)	6. Identify aspects of a text that reveal an author's point of view or purpose (e.g., loaded language, inclusion or avoidance of particular facts)	7. Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps with other information in print and digital texts	8. Distinguish among fact, opinion, and reasoned judgment in a text	9. Analyze the relationship between a primary and secondary source on the same topic	10. By the end of grade 8, read and comprehend history/social studies texts in the grades 6-8 text complexity band independently and proficiently
PLT PreK-8 EE Activity Guide										
17		✓								N/A
19								✓		N/A
29							✓			N/A
33	✓					✓		✓		N/A
35							✓			N/A
40		✓ +								N/A
49	✓	✓		✓					✓	N/A
56	✓				✓	✓		✓		N/A
57		✓					✓		✓	N/A
58			✓ +				✓			N/A

GRADES SIX - EIGHT

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Reading Standards for Literacy in Science and Technical Subjects

KEY: Variation Refers to the section of the activity that correlates with the Common Core	Reading Standards for Literacy in Science and Technical Subjects									
	Key Ideas and Details			Craft and Structure			Integration of Knowledge and Ideas			Range of Reading and Level of Text Complexity
	1. Cite specific textual evidence to support analysis of science and technical texts	2. Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions	3. Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks	4. Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6-8 texts and topics	5. Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to an understanding of the topic	6. Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text	7. Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table)	8. Distinguish among facts, reasoned judgment based on research findings, and speculation in a text	9. Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic	10. By the end of grade 8, read and comprehend science/technical texts in the grade 6-8 text complexity band independently and proficiently
PLT PreK-8 EE Activity Guide										
12	✓	✓								
29	✓	✓	✓	✓			✓		✓	✓
35	✓	✓			✓	✓	✓	✓		
39	✓	✓		✓						✓
41			✓							
48			✓							
49	✓	✓					✓			✓
50	✓	✓		✓			✓			✓
52	✓	✓		✓			✓			✓

69	✓ Variation	✓ Variation		✓ Variation			✓ Variation		✓ Variation	✓ Variation
70			✓							
71	✓	✓	✓	✓				✓		✓
72	✓	✓		✓	✓	✓		✓	✓	✓
77		✓ Grade 6	✓				✓ Grade 6			
79	✓ Grade 6									
82	✓	✓		✓			✓			
84	✓	✓				✓	✓	✓		
86	✓	✓								
88	✓	✓								

GRADES SIX - EIGHT

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Writing Standards for Literacy in History/Social Studies, Science, and Technical Subjects

KEY: ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard Enrichment Refers to the section of the activity that correlates with the Common Core	Writing Standards for Literacy in History/Social Studies, Science , and Technical Subjects									
	Key Ideas and Details			Craft and Structure			Integration of Knowledge and Ideas		Range of Reading and Level of Text Complexity	
	1. Write arguments to support claims in an analysis of substantive topics or texts using valid reasoning and relevant and sufficient evidence	2. Write informative/explanatory texts to examine and convey complex ideas and information clearly and accurately through the effective selection, organization, and analysis of content.	3. Write narrative to develop real or imagined experiences or events using effective technique, well-chosen details and well structured event sequences	4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience	5. Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach	6. Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others	7. Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation	8. Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism	9. Draw evidence from literary or informational texts to support analysis, reflection, and research	10. Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences
17		✓	N/A	✓		✓	✓	✓	✓	✓
39		✓	N/A	✓			✓	✓	✓	✓
40		✓ Enrichment	N/A	✓ Enrichment			✓ Enrichment	✓ Enrichment		✓ Enrichment
57			N/A				✓	✓		
58	✓	✓	N/A	✓		✓	✓	✓		✓
59		✓	N/A	✓	✓	✓	✓	✓	✓	✓

60		✓	N/A	✓	✓ +	✓				✓
71		✓	N/A	✓	✓	✓	✓	✓		✓
82			N/A				✓			
86		✓ +	N/A	✓ +	✓	✓	✓ +	✓ +	✓ +	✓ +
88	✓ +		N/A	✓ +	✓	✓	✓ +	✓ +	✓ +	✓ +
90			N/A				✓ + Enrichment			
91			N/A				✓	✓	✓	
92			N/A				✓			
94		✓ Enrichment	N/A	✓ Enrichment			✓ Enrichment	✓ Enrichment	✓ Enrichment	✓ Enrichment
95		✓ + Enrichment	N/A	✓ + Enrichment	✓ Enrichment		✓	✓	✓	
96		✓	N/A	✓	✓	✓				✓

KINDERGARTEN-

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Standards for Mathematics

KEY: ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Common Core Mathematics Standards								
	Counting and Cardinality			Operations and Algebraic Thinking	Numbers and Operations in Base Ten	Measurement and Data		Geometry	
	1. Know number names and the count sequence	2. Count to tell the number of objects.	3. Compare numbers	1. Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.	1. Work with numbers 11–19 to gain foundations for place value.	1. Describe and compare measurable attributes	2. Classify objects and count the number of objects in each category.	1. Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).	2. Analyze, compare, create, and compose shapes.
PLT PreK-8 EE Activity Guide									
1								✓ +	✓
6							✓		
25	✓	✓	✓		✓		✓ +		
27	✓	✓	✓	✓			✓		
41							✓ +		
46	✓	✓	✓				✓ +		
67							✓ +		

FIRST GRADE-

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Standards for Mathematics

KEY: ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Common Core Mathematics Standards										
	Operations and Algebraic Thinking				Numbers and Operations in Base Ten			Measurement and Data			Geometry
	1. Represent and solve problems involving addition and subtraction	2. Understand and apply properties of operations and the relationship between addition and subtraction	3. Add and subtract within 20	4. Work with addition and subtraction equations	1. Extend the counting sequence	2. Understand place value	3. Use place value understanding and properties of operations to add and subtract	1. Measure lengths indirectly and by iterating length units	2. Tell and write time	3. Represent and interpret data	1. Reason with shapes and their attributes
PLT PreK-8 EE Activity Guide											
1											✓
4								✓ +		✓ +	
6										✓	
25			✓		✓					✓	
27										✓	
41								✓		✓	
46										✓	
67								✓ +			

SECOND GRADE-

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Standards for Mathematics

KEY: ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Common Core Mathematics Standards									
	Operations and Algebraic Thinking			Numbers and Operations in Base Ten		Measurement and Data				Geometry
	1. Represent and solve problems involving addition and subtraction	2. Add and subtract within 20	3. Work with equal groups of objects to gain foundations for multiplication	1. Understand place value	2. Use place value understanding properties of operation to add and subtract	1. Measure and estimate lengths in standard units	2. Relate addition and subtraction to length	3. Work with time and money	4. Represent and interpret data	1. Reason with shapes and their attributes
PLT PreK-8 Environmental Education Activity Guide										
1										✓
4						✓			✓	
25		✓ +							✓ +	
27									✓	
36									✓	
41						✓ +			✓ +	
46									✓	
67						✓				

THIRD GRADE-

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Standards for Mathematics

KEY: Enrichment Refers to the section of the activity that correlates with the Common Core	Common Core Mathematics Standards										
	Operations and Algebraic Thinking				Numbers and Operations in Base Ten	Numbers and Operations – Fractions	Measurements and Data				Geometry
	1. Represent and solve problems involving multiplication and division	2. Understand properties of multiplication and the relationship between multiplication and division	3. Multiply and divide within 100	4. Solve problems involving the four operations, and identify and explain patterns in arithmetic	1. Use place value understanding and properties of operation to perform multi- digit arithmetic	1. Develop understanding of fractions as numbers	1. Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects	2. Represent and interpret data	3. Geometric measurement: understand concepts of area and relate area to multiplication and addition	4. Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures	1. Reason with shapes and their attributes
PLT PreK-8 EE Activity Guide											
4								✓			
16								✓			
22								✓			
25								✓			
27								✓			
28						✓ Enrichment					
36								✓			
46								✓			

FOURTH GRADE-

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Standards for Mathematics

KEY: Enrichment Refers to the section of the activity that correlates with the Common Core	Common Core Mathematics Standards											
	Operations and Algebraic Thinking			Numbers and Operations in Base Ten		Numbers and Operations – Fractions			Measurements and Data			Geometry
	1. Use the four operations with whole numbers to solve problems	2. Gain familiarity with factors and multiples	3. Generate and analyze patterns	1. Generalize place value understanding for multi-digit whole numbers	2. Use place value understanding and properties of operations to perform multi-digit arithmetic	1. Extend understanding of fraction equivalence and ordering	2. Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers	3. Understand decimal notation for fractions, and compare decimal fractions	1. Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit	2. Represent and interpret data	3. Geometric measurement: understand concept of angle and measure angles	1. Draw and identify lines and angles, and classify shapes by properties of their lines and angles
PLT PreK-8 EE Activity Guide												
4										✓		
28								✓ Enrichment	✓			
38	✓				✓					✓		
41										✓		
53									✓ Enrichment			
66	✓				✓				✓			
67	✓				✓					✓		
73										✓		
77										✓		
80										✓		

FIFTH GRADE-

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Standards for Mathematics

KEY: Enrichment Refers to the section of the activity that correlates with the Common Core	Common Core Mathematics Standards										
	Operations and Algebraic Thinking		Numbers and Operations in Base Ten		Numbers and Operations – Fractions		Measurements and Data			Geometry	
	1. Write and interpret numerical expressions	2. Analyze patterns and relationships	1. Understand the place value system	2. Perform operations with multi-digit whole numbers and with decimals to hundredths	1. Use equivalent fractions as a strategy to add and subtract fractions	2. Apply and extend previous understandings of multiplication and division to multiply and divide fractions	1. Convert like measurement units within a given measurement system	2. Represent and interpret data	3. Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition	1. Graph points on the coordinate plane to solve real-world and mathematical problems	2. Classify two-dimensional figures into categories based on their properties
PLT PreK-8 EE Activity Guide											
4							✓				
12	✓ Enrichment	✓ Enrichment									
28			✓ Enrichment								
37								✓			
38	✓	✓	✓	✓			✓	✓			
41							✓				
53				✓ Enrichment							
66			✓	✓		✓					
67				✓							
73							✓				
77							✓			✓	
80							✓			✓	
85				✓							

SIXTH GRADE-

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Standards for Mathematics

KEY: ✓ + Check marks with a plus, mean the activity has a strong correlation to the standard	Common Core Mathematics Standards									
	Ratios and Proportional Relationships	The Number System			Expressions and Equations			Geometry	Statistics and Probability	
		1. Understand ratio concepts and use ratio reasoning to solve problems	1. Apply and extend previous understanding of multiplication and division to divide fractions by fractions	2. Compute fluently with multi-digit numbers and find common factors and multiples	3. Apply and extend previous understanding of numbers to the system of rational numbers	1. Apply and extend previous understandings of arithmetic to algebraic expressions	2. Reason about and solve one-variable equations and inequalities		3. Represent and analyze quantitative relationships between dependent and independent variables	1. Solve real-world and mathematical problems involving area, surface area and volume
PLT PreK-8 EE Activity Guide										
4										✓
12					✓	✓				
16										✓
22										✓
25										✓
27										✓
35									✓	✓
36										✓
37								✓	✓ +	✓
38	✓									✓ +
41										✓

*Continued on next page

KEY: Enrichment Refers to the section of the activity that correlates with the Common Core	Common Core Mathematics Standards									
	Ratios and Proportional Relationships	The Number System			Expressions and Equations			Geometry	Statistics and Probability	
PLT PreK-8 EE Activity Guide	1. Understand ratio concepts and use ratio reasoning to solve problems	1. Apply and extend previous understanding of multiplication and division to divide fractions by fractions	2. Compute fluently with multi-digit numbers and find common factors and multiples	3. Apply and extend previous understanding of numbers to the system of rational numbers	1. Apply and extend previous understandings of arithmetic to algebraic expressions	2. Reason about and solve one-variable equations and inequalities	3. Represent and analyze quantitative relationships between dependent and independent variables	1. Solve real-world and mathematical problems involving area, surface area and volume	1. Develop understanding of statistical variability	2. Summarize and describe distributions
53	✓ Enrichment									
66			✓							
67	✓		✓			✓				
73	✓									
77									✓	✓
80									✓	✓
81									✓ Enrichment	✓ Enrichment
84	✓		✓			✓	✓		✓	✓
85					✓				✓	✓

SEVENTH GRADE-

Correlation of Project Learning Tree's PreK-8 Environmental Education Activity Guide with the Common Core Standards for Mathematics

KEY: + Check marks with a plus, mean the activity has a strong correlation to the standard Enrichment . Refers to the section of the activity that correlates with the Common Core	Common Core Mathematics Standards								
	Ratios and Proportional Relationships	The Number System	Expressions and Equations		Geometry		Statistics and Probability		
	1. Analyze proportional relationships and use them to solve real-world and mathematical problems	1. Apply and extend previous understanding of operations with fractions to add, subtract, multiply, and divide rational numbers	1. Use properties of operations to generate equivalent expressions	2. Solve real-life and mathematical problems using numerical and algebraic expressions and equations	1. Draw, construct, and describe geometrical figures and describe the relationship between them	2. Solve real-life and mathematical problems involving angle measure, area, surface area, and volume	1. Use random sampling to draw inferences about a population	2. Draw informal comparative inferences about two populations	3. Investigate chance processes and develop, use and evaluate probability models
PLT PreK-8 EE Activity Guide									
12				✓					
37						✓			
38	✓							✓	
41								✓	
50		✓ +		✓					
53	✓ Enrichment	✓ Enrichment		✓ Enrichment					
67	✓	✓			✓				
77								✓	
80								✓	
85	✓			✓					

