Correlation of Common Core 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 the 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.

Math 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.
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.

**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](http://www.plt.org) to contact your state coordinator and to learn about upcoming workshops.

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Appendix #1
Project Learning Tree Activities by Number:

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