Mississippi PLT Correlations for Science, Math and Language Arts

A correlation document identifies the competencies and objectives that could be taught using a particular activity. Just because it is somewhere in the activity, the students may not get the necessary experience. Often, an activity must be “tweaked” to make sure the students clearly understand the competency and objective the activity was selected to teach, and its relevance to the stated competency or objective. Expecting to communicate four or five competencies or objectives in an activity is unrealistic. Pick one or two, focus on them and cover them thoroughly. In a best-case scenario, students should be able to use the knowledge gained relative to the specific competency and objective in a novel situation. This correlation document identifies the various competencies and objectives that may be addressed using the different PLT activities.

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Project Learning Tree    Pre K-8 Environmental Education Activity Guide

Activity: _#1 The Shape of Things_
Grade Level(s): ___K-3_____

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.e.1; 1.e.2; 1.h; 3.b.1; 3.b.2

Competency/Objectives: First Grade
1.f.1; 1.i; 3.b.1; 3.b.2

Competency/Objectives: Second Grade
3.b; 4.a.1; 4.a.6

Competency/Objectives: Third Grade
1.h; 3.a.1; 4.a.6

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Activity: _#2 Get in Touch with Trees_
Grade Level(s): ___K-6_____

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.e.1; 1.e.2; 1.h; 3.a.1

Competency/Objectives: First Grade
1.f; 3.a.1; 4.a

Competency/Objectives: Second Grade
3.a.1; 4.a

Competency/Objectives: Third Grade
1.d.1, 1.h; 3.a.1

Competency/Objectives: Fourth Grade
1.f, 1.g; 3.a.1

Competency/Objectives: Fifth Grade
1.f, 1.g; 3.a.1
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Competency/Objectives: Sixth Grade
1.f, 1.g; 3.a.1

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Activity: #4 Sounds Around
Grade Level(s): K-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.e.2, 1.g; 4.c.2

Competency/Objectives: First Grade
2.b.1; 3.a.1, 3.b.1; 4.a

Competency/Objectives: Second Grade
1.e; 3.a.1; 4.a

Competency/Objectives: Third Grade
1.d; 2.b.1, 2.b.2, 2.b.4, 2.b.6, 2.b.8, 2.b.11; 3.a.1, 3.b, 3.c; 4.a, 4.b

Competency/Objectives: Fourth Grade
1.c, 1.f; 2.b.4, 2.b.5, 2.d.1; 3.a.1, 3.b, 3.c.1; 4.a, 4.b

Competency/Objectives: Fifth Grade
1.g; 2.b.4, 2.b.5, 2.d.1; 3.a.1, 3.b, 3.c.1; 4.a, 4.b

Competency/Objectives: Sixth Grade
1.b, 1.d; 2.b.4, 2.b.5, 2.d.1; 3.a.1, 3.b, 3.c.1; 4.a, 4.b

Competency/Objectives: Seventh Grade
1.b, 1.d, 1.f

Competency/Objectives: Seventh Grade
2.b.6, 2.b.7, 2.d.1; 3.a.1, 3.b, 3.c.1; 4.a, 4.b

Competency/Objectives: Eighth Grade
1.b, 1.d, 1.f; 2.b.6, 2.b.7, 2.d.1; 3.a.1, 3.b, 3.c.1; 4.a, 4.b
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Activity: _#5 Poet-Tree__
Grade Level(s): ____3-8_____

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third Grade
1.d, 1.g, 1.h; 2.a.4; 3.b, 4.a, 4.b, 4.c

Competency/Objectives: Fourth Grade
1.c, 1.d, 1.f, 1.g; 2.a.4; 3.b, 3.d.5; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
1.b, 1.d, 1.e, 1.f, 1.g; 2.a.4; 3.b, 3.d.5, 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.b, 1.c, 1.d, 1.e, 1.f, 1.g; 2.a.4; 3.b, 3.d.5; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
1.b, 1.c, 1.d, 1.e, 1.f, 1.g; 2.a.4; 3.b, 3.d.5; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
1.b, 1.c, 1.d, 1.e, 1.f, 1.g; 2.a.4; 3.b, 3.d.5; 4.a, 4.b, 4.c

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Activity: _#7 Habitat Pen Pals__
Grade Level(s): ____3-6_____

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third Grade
1.d, 1.h; 3.d.2, 3.f; 4.a, 4.b, 4.c;

Competency/Objectives: Fourth Grade
1.c, 1.d, 1.g; 3.d.2, 3.f.2, 3.f.4; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
1.b, 1.f, 1.g; 3.d.2, 3.f.2, 3.f.3, 3.f.4; 4.a, 4.b, 4.c
Competency/Objectives: Sixth Grade
1.b, 1.f, 1.g; 3.d.2, 3.f.2, 3.f.3, 3.f.4; 4.a, 4.b, 4.c

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Activity: #8 The Forest of S.T. Shrew
Grade Level(s): 1-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: First Grade
1.f, 1.i; 2.b.3, 2.b.4, 2.c.1, 2.c.2, 2.d.1, 2.d.3; 3.b.1, 3.c.1, 3.c.2; 4.a

Competency/Objectives: Second Grade
1.h; 2.b.2, 2.b.3, 2.b.4, 2.b.7, 2.c.1, 2.c.2, 2.d.1, 2.d.3; 3.e; 4.a

Competency/Objectives: Third Grade
1.f, 1.h; 2.b.2, 2.b.3, 2.b.5, 2.c.1, 2.c.2, 2.d.1, 2.d.3; 3.f; 4.a

Competency/Objectives: Fourth Grade
1.g; 2.b.4, 2.c, 2.d.1; 3.c.1

Competency/Objectives: Fifth Grade
1.b, 1.f, 1.g; 2.b.5, 2.c, 2.d.1; 3.c.1

Competency/Objectives: Sixth Grade
1.b, 1.d, 1.f, 1.g; 2.b.5, 2.c, 2.d.1; 3.c.1

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Activity: #9 Planet Diversity
Grade Level(s): 4-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fourth Grade
1.c; 3.a.5

Competency/Objectives: Fifth Grade
Competency/Objectives: Sixth Grade
1.b, 1.f, 1.g; 3.a.5

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Activity: #11 Can It Be Real?
Grade Level(s): 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fourth Grade
1.c, 1.e, 1.g; 2.a.2; 3.a.5, 3.b, 3.f.2, 3.f.4; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
1.b, 1.d, 1.f, 1.g; 2.a.2; 3.a.5, 3.b, 3.f.2, 3.f.4; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.b, 1.d, 1.f, 1.g; 2.a.2; 3.a.5, 3.b, 3.f.2, 3.f.4, 3.f.5; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
1.b, 1.d, 1.f, 1.g; 2.a.2; 3.a.5, 3.b, 3.f.2, 3.f.3, 3.f.5; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
1.b, 1.d, 1.f, 1.g; 2.a.2; 3.a.5, 3.b, 3.f.2, 3.f.5, 4.a, 4.b, 4.c

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Activity: #13 We All Need Trees
Grade Level(s): K-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.e.1, 1.e.3, 1.g, 1.h; 4.c

Competency/Objectives: First Grade
1.f.1, 1.f.2, 1.i; 4.a

Competency/Objectives: Second Grade
1.e.1, 1.g, 1.h; 2.b.7, 4.a

Competency/Objectives: Third Grade
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Activity: #16 Pass the Plants, Please

Grade Level(s): K-8

LANGUAGE ARTS COMPETENCIES

Competency: Kindergarten
1.e.2, 1.h;

Competency/Objectives: First Grade
1.f, 1.i;

Competency/Objectives: Second Grade
1.e.1, 1.h

Competency/Objectives: Third Grade
1.d.1, 1.h

Competency/Objectives: Fourth Grade
1.c, 1.g

Competency/Objectives: Fifth Grade
1.b, 1.f, 1.g

Competency/Objectives: Sixth Grade
1.b, 1.f, 1.g

Competency/Objectives: Seventh Grade
1.b, 1.f, 1.g
Competency/Objectives: Eighth Grade
1.b, 1.f, 1.g

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Activity: #17 People of the Forest
Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth Grade
1.b, 1.f, 1.g; 2.a.3; 3.a.1, 3.a.5, 3.c.1, 3.c.4; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.b, 1.d, 1.f, 1.g; 2.a.3; 3.a.1, 3.a.5, 3.c.1, 3.c.4, 3.f.2, 3.f.4, 3.f.5; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
1.b, 1.d, 1.f, 1.g; 2.a.3; 3.a.1, 3.a.5, 3.c.1, 3.c.4, 3.f.2, 3.f.3, 3.f.5; 4.a, 4.b, 4.c;

Competency/Objectives: Eighth Grade
1.b, 1.d, 1.f, 1.g; 2.a.3; 3.a.1, 3.a.5, 3.c.1, 3.c.4, 3.f.2, 3.f.3, 3.f.5; 4.a, 4.b, 4.c

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Activity: #18 Tale of the Sun
Grade Level(s): K-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.g, 1.h; 2.b.1, 2.b.4, 2.c.1, 2.c.2, 2.d; 3.c; 4.a, 4.b, 4.c

Competency/Objectives: First Grade
1.i; 2.b.1, 2.b.2, 2.b.3, 2.c.1, 2.c.2, 2.d; 3.c; 4.a, 4.b, 4.c

Competency/Objectives: Second Grade
1.g, 1.h; 2.b.1, 2.b.2, 2.b.3, 2.b.7, 2.c.1, 2.c.2, 2.d; 3.c; 4.a, 4.b, 4.c
Correlation Project Learning Tree/Language Arts Framework

Competency/Objectives: Third Grade
1.f, 1.h; 2.b.1, 2.b.2, 2.b.3, 2.b.8, 2.c.1, 2.d; 3.c; 4.a, 4.b, 4.c

Competency/Objectives: Fourth Grade
1.c, 1.e, 1.g; 2.b.1, 2.b.4; 3.c.1; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
1.b, 1.d, 1.f, 1.g; 2.b.4; 3.c.1; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.b, 1.d, 1.f, 1.g; 2.b.4; 3.c.1; 4.a, 4.b, 4.c

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Activity: #21 Adopt a Tree
Grade Level(s): K-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.e.1, 1.e.2, 1.g, 1.h; 3.a.1, 3.b.1, 3.b.2, 4.c

Competency/Objectives: First Grade
1.i; 3.a.1, 3.b.1, 3.b.2; 4.a, 4.b, 4.c

Competency/Objectives: Second Grade
1.h; 3.a.1; 4.a, 4.b, 4.c

Competency/Objectives: Third Grade
1.h; 3.a.1; 4.a, 4.b., 4.c

Competency/Objectives: Fourth Grade
1.g; 3.a.1; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
1.f, 1.g; 3.a.1; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.f, 1.g; 3.a.1; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
1.f, 1.g; 3.a.1; 4.a, 4.b, 4.c;
Competency/Objectives: Eighth Grade
1.f, 1.g; 3.a.1; 4.a, 4.b, 4.c

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Activity: #24 Nature’s Recyclers
Grade Level(s): 1-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: First Grade
3.a.1, 3.b.1, 3.b.2

Competency/Objectives: Second Grade
3.a.1

Competency/Objectives: Third Grade
3.a.1, 3.f

Competency/Objectives: Fourth Grade
3.a.1

Competency/Objectives: Fifth Grade
3.a.1

Competency/Objectives: Sixth Grade
3.a.1

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Activity: #26 Dynamic Duos
Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth Grade
1.f, 1.g; 2.a.2; 3.a.1, 3.f.2, 3.f.3; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.d, 1.f, 1.g; 2.a.2; 3.a.1, 3.f.2, 3.f.3; 4.a, 4.b, 4.c
Correlation Project Learning Tree/Language Arts Framework

Competency/Objectives: Seventh Grade
1.d, 1.f, 1.g; 2.a.2; 3.a.1; 3.f.2; 3.f.3; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
1.d, 1.f, 1.g; 2.a.2; 3.a.1, 3.f.2, 3.f.3; 4.a, 4.b, 4.c

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Activity: _ #31 Plant a Tree_
Grade Level(s): _3-8_

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third Grade
3.e; 4.a, 4.b, 4.c

Competency/Objectives: Fourth Grade
3.e.1; 4.a, 4.b;

Competency/Objectives: Fifth Grade
3.e.1; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
3.e.1; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
3.e.1; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
3.e.1; 4.a, 4.b, 4.c

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Activity: _ #33 Forest Consequences_
Grade Level(s): _6-8_

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Sixth Grade
1.b, 1.d, 1.f; 2.b.5; 3.a.1, 3.a.5, 3.d.1, 3.d.4; 4.a, 4.b, 4.c
Correlation Project Learning Tree/Language Arts Framework

Competency/Objectives: Seventh Grade
1.b, 1.d, 1.f; 2.b.6; 3.a.1, 3.a.5, 3.d.1, 3.d.4; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
1.b, 1.d, 1.f; 2.b.6; 3.a.1, 3.a.5, 3.d.1, 3.d.4; 4.a, 4.b, 4.c

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Activity: #40 Then and Now
Grade Level(s): 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fourth Grade
3.f.2, 3.f.3

Competency/Objectives: Fifth Grade
3.f.2, 3.f.3

Competency/Objectives: Sixth Grade
3.f.2, 3.f.3

Competency/Objectives: Seventh Grade
3.f.2, 3.f.3

Competency/Objectives: Eighth Grade
3.f.2, 3.f.3

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Activity: #41 How Plants Grow
Grade Level(s): 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fourth Grade
3.a.1, 3.a.5, 3.d.3; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade

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3.a.1, 3.a.5, 3.d.3; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
3.a.1, 3.a.5, 3.d.3; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
3.a.1, 3.a.5, 3.d.3; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
3.a.1, 3.a.5, 3.d.3; 4.a, 4.b, 4.c

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Activity:  #42 Sunlight and Shades of Green
Grade Level(s):  3-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third Grade
3.b, 3.d.1; 4.a, 4.b, 4.c

Competency/Objectives: Fourth Grade
3.b, 3.c.1, 3.d.1, 3.d.5; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
3.b, 3.c.1, 3.d.1, 3.d.5, 3.d.6; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
3.b, 3.c.1, 3.d.1, 3.d.5, 3.d.6; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
3.b, 3.c.1, 3.d.1, 3.d.5, 3.d.6; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
3.b, 3.c.1, 3.d.1, 3.d.5, 3.d.6; 4.a, 4.b, 4.c

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Activity:  #44 Water Wonders
Grade Level(s):  4-8
LANGUAGE ARTS COMPETENCIES

Competency: Fourth Grade
3.c.1; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
3.c.1; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
3.c.1; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
3.c.1; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
3.c.1; 4.a, 4.b, 4.c

Activity: #45 Web of Life
Grade Level(s): 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fourth Grade
1.e, 1.f, 1.g; 3.f.2

Competency/Objectives: Fifth Grade
1.d, 1.f, 1.g, 3.f.2

Competency/Objectives: Sixth Grade
1.d, 1.f, 1.g; 3.f.2

Competency/Objectives: Seventh Grade
1.d, 1.f, 1.g; 3.f.2, 3.f.3

Competency/Objectives: Eighth Grade
1.d, 1.f, 1.g; 3.f.2, 3.f.3
Activity:  #46 Schoolyard Safari
Grade Level(s):  K-5

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.e.2, 1.g, 1.h; 3.b.1, 3.b.2

Competency/Objectives: First Grade
1.i; 3.b.1, 3.b.2

Competency/Objectives: Second Grade
1.h; 3.d.1, 3.d.3

Competency/Objectives: Third Grade
1.h; 3.d.1

Competency/Objectives: Fourth Grade
1.g; 3.f.2

Competency/Objectives: Fifth Grade
1.f; 3.c.6, 3.f.2;

Activity:  #49 Tropical Treehouse
Grade Level(s):  Part A 3-6   Part B 4-8   Part C 6-8

PART A

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third grade
3a, 3b

Competency/Objectives: Fourth grade
3b, 3c, 3d

Activity:  #51 Make Your Own Paper
Grade Level(s):  1-8
Correlation Project Learning Tree/Language Arts Framework

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: First grade
4a

Competency/Objectives: Third grade
3d

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Activity: #52 A Look at Aluminum
Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
2b; 3e

Competency/Objectives: Sixth grade
2b

Competency/Objectives: Seventh grade
2b

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Activity: #54 I’d Like to Visit A Place Where...
Grade Level(s): Part A K-3

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1a, 1c; 3d

Competency/Objectives: Third grade
1d

PART B & C
Competency/Objectives: Fourth Grade
3a, 3b, 3e

Competency/Objectives: Sixth Grade
3f
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Activity :  #55 Planning the Ideal Community
Grade Level(s):  Activity 4-8 Variation K-3

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
3b, 3f

Competency/Objectives: Sixth grade
3b, 3f

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Activity :  #56 We Can Work It Out
Grade Level(s):  5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
2e; 3e, 3f

Competency/Objectives: Seventh grade
2b, 3c

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Activity :  #57 Democracy in Action
Grade Level(s):  5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
2e; 3f

Competency/Objectives: Sixth grade
3f

Competency/Objectives: Seventh grade
3f
Activity: #58 There Ought to Be a Law
Grade Level(s): 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fourth Grade
3a, 3b, 3e

Competency/Objectives: Fifth grade
2e

Competency: Sixth grade
3f

Activity: #59 Power of Print
Grade Level(s): 6-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Sixth & Seventh grade
1b, 1c, 1f, 1g; 2b, 2e; 3a, 3d

Competency/Objectives: Seventh grade
1b, 1c, 1f, 1g; 2b, 2e; 3a, 3b, 3d

Competency/Objectives: Eighth grade
1b, 1c, 1f, 1g; 3a, 3b, 3d

Activity: #60 Publicize It!
Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
1b, 1f, 1g; 3a, 3d;
Correlation Project Learning Tree/Language Arts Framework

Competency/Objectives: Sixth grade
1b, 1f, 1g; 3a, 3d;

Competency/Objectives: Seventh grade
1b, 1f, 1g; 3a, 3d

Competency/Objectives: Eighth grade
1b, 1c, 1f, 1g; 3a, 3d

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Activity: #61 The Closer You Look
Grade Level(s): K-4

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1e, 1g; 3b

Competency/Objectives: First grade
1f; 2d

Competency/Objectives: Second grade
1e; 3b

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Activity: #62 To Be a Tree
Grade Level(s): Pre K-4

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1e, 4c

Competency/Objectives: First grade
1a
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Activity: #63 Tree Factory
Grade Level(s): Pre K-5

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1e; 4c

Competency/Objectives: First grade
1a

Competency/Objectives: Third grade
Suggested Objectives:
3b; 4a

Competency/Objectives: Fourth grade
3b

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Activity: #64 Look at Leaves
Grade Level(s): K-4

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1e; 4c

Competency/Objectives: First grade
1a

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Activity: #65 Bursting Buds
Grade Level(s): K-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
3b; 4b

Competency/Objectives: First grade
3; 4b
Correlation Project Learning Tree/Language Arts Framework

Competency/Objectives: Second grade
3b

Project Learning Tree   Pre K-8 Environmental Education Activity Guide

Activity: #70 Soil Stories
Grade Level(s):  A K-4  B 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third – Sixth Grade
#3. The student will express, communicate, or evaluate ideas effectively.
Suggested Objectives:
3A

Project Learning Tree   Pre K-8 Environmental Education Activity Guide

Activity: #71 Watch on Wetlands
Grade Level(s):  7-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Seventh Grade
3b, 3e, 3f; 4b, 4c

Competency/Objectives: Eighth Grade
3b, 3e, 3f; 4b, 4c

Project Learning Tree   Pre K-8 Environmental Education Activity Guide

Activity: #72 Air We Breathe
Grade Level(s):  6-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Sixth Grade
3b, 3f

Competency/Objectives: Seventh Grade
3b, 3f; 4b, 4c

Competency/Objectives: Eighth Grade
3b, 3f; 4b, 4c
Project Learning Tree     Pre K-8 Environmental Education Activity Guide

Activity :   #74  People, Places, Things
Grade Level(s):      K-3

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1e, 1g; 3b

Competency/Objectives: First Grade
1f, 3b

Competency/Objectives: Second Grade
1e; 3b

Competency/Objectives: Third Grade
3b

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Activity :  #76 Tree Cookies
Grade Level(s):      3-8   Variation: 1-3

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Sixth grade
1b, 1c, 1f, 1g; 2b, 2e; 3a, 3d

Competency/Objectives: Seventh grade
1b, 1c, 1f, 1g; 2b, 2e; 3a, 3d

Competency/Objectives: Eighth grade
1b, 1c, 1f, 1g; 3a, 3d

Project Learning Tree     Pre K-8 Environmental Education Activity Guide

Activity :  #77 Trees In Trouble
Grade Level(s):      Part A: 1-8  Part B: 4-8
Correlation Project Learning Tree/Language Arts Framework

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Sixth grade
1b, 1f, 1g, 3f

Competency/Objectives: Seventh grade
1b, 1f; 3f

Competency/Objectives: Eighth grade
1b, 1f; 3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #78 Signs of Fall
Grade Level(s): Part A: K-5 Part B: 3-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Second grade
1d, 1e; 3f

Competency/Objectives: Third grade
1d; 3f

Competency: Fourth grade
1d, 1f; 3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #79 Tree Lifecycle
Grade Level(s): 3-6 Variation Pre k-2

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Second grade
1d, 1e; 3d, 3f

Competency/Objectives: Third grade
1d, 1e, 1h, 3d, 3f

Competency/Objectives: Fourth grade
1d, 1f; 3d, 3f
Project Learning Tree     Pre K-8 Environmental Education Activity Guide

Activity :   #80  Nothing Succeeds Like Succession
Grade Level(s):       Part A 3-6   Part B 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third grade
1d, 1e; 3d, 3f

Competency/Objectives: Fourth grade
1d, 1e; 3d, 3f

Competency/Objectives: Sixth grade
1b, 1f; 3d, 3f

Competency/Objectives: Seventh grade
1b, 1f; 3d, 3f

Project Learning Tree     Pre K-8 Environmental Education Activity Guide

Activity :  #83 A Peek at Packaging
Grade Level(s):     5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth - Eighth grade
3f

Project Learning Tree     Pre K-8 Environmental Education Activity Guide

Activity :   #84 The Global Climate
Grade Level(s):  6-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Sixth – Eighth grade
3f

Project Learning Tree     Pre K-8 Environmental Education Activity Guide

Activity :  #86  Our Changing World
Correlation Project Learning Tree/Language Arts Framework

Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
1d, 1e; 3f

Competency/Objectives: Sixth – Seventh grade
1b, 1f; 3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #87 Earth Manners
Grade Level(s): Pre K-4

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1e, 1g

Competency/Objectives: First grade
1f; 2b, 2c

Competency/Objectives: Second grade
1e; 2b; 2c

Competency/Objectives: Third grade
2b, 2c

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #88 Life on the Edge
Grade Level(s): 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
1f, 1g; 3a, 3d

Competency/Objectives: Sixth grade
1f, 1g; 3a, 3d
Competency/Objectives: Seventh grade
1f, 1g; 3a, 3f

Competency: Eighth grade
1f, 1g; 3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #89 Trees for Many Reasons
Grade Level(s): Part A 2-6 Part B 6-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Second grade
1e; 2b; 2c

Competency/Objectives: Third grade
2b, 2c

Competency/Objectives: Sixth grade
1b, 1c, 1e, 1g; 2b, 2c

Competency/Objectives: Seventh grade
2b, 2c

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #90 Native Ways
Grade Level(s): 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #91 In the Good Old Days
Grade Level(s): 6-8

LANGUAGE ARTS COMPETENCIES
Competency/Objectives: Sixth grade
1f, 1g; 3a, 3d, 3f

Competency/Objectives: Seventh – Eighth grade
1f, 1g; 3a, 3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #92 A Look at Lifestyles
Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth – Eighth grade
1f, 1g; 2b, 2d; 3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #93 Paper Civilizations
Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth – Eighth grade
1f, 1g; 3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #95 Did You Notice?
Grade Level(s): K-8 Part B 3-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth – Eighth grade
1f, 1g; 3f
Project Learning Tree    Pre K-8 Environmental Education Activity Guide

Activity:  #1 The Shape of Things
Grade Level(s):  K-3

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.e.1; 1.e.2; 1.h; 3.b.1; 3.b.2

Competency/Objectives: First Grade
1.f.1; 1.i; 3.b.1; 3.b.2

Competency/Objectives: Second Grade
3.b; 4.a.1; 4.a.6

Competency/Objectives: Third Grade
1.h; 3.a.1; 4.a.6

Project Learning Tree    Pre K-8 Environmental Education Activity Guide

Activity:  #2 Get in Touch with Trees
Grade Level(s):  K-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.e.1; 1.e.2; 1.h; 3.a.1

Competency/Objectives: First Grade
1.f; 3.a.1; 4.a

Competency/Objectives: Second Grade
3.a.1; 4.a

Competency/Objectives: Third Grade
1.d.1, 1.h; 3.a.1

Competency/Objectives: Fourth Grade
1.f, 1.g; 3.a.1

Competency/Objectives: Fifth Grade
1.f, 1.g; 3.a.1
Correlation Project Learning Tree/Language Arts Framework

Competency/Objectives: Sixth Grade
1.f, 1.g; 3.a.1

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #4 Sounds Around
Grade Level(s): K-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.e.2, 1.g; 4.c.2

Competency/Objectives: First Grade
2.b.1; 3.a.1, 3.b.1; 4.a

Competency/Objectives: Second Grade
1.e; 3.a.1; 4.a

Competency/Objectives: Third Grade
1.d; 2.b.1, 2.b.2, 2.b.4, 2.b.6, 2.b.8, 2.b.11; 3.a.1, 3.b, 3.c; 4.a, 4.b

Competency/Objectives: Fourth Grade
1.c, 1.f; 2.b.4, 2.b.5, 2.d.1; 3.a.1, 3.b, 3.c.1; 4.a, 4.b

Competency/Objectives: Fifth Grade
1.g; 2.b.4, 2.b.5, 2.d.1; 3.a.1, 3.b, 3.c.1; 4.a, 4.b

Competency/Objectives: Sixth Grade
1.b, 1.d; 2.b.4, 2.b.5, 2.d.1; 3.a.1, 3.b, 3.c.1; 4.a, 4.b

Competency/Objectives: Seventh Grade
1.b, 1.d, 1.f

Competency/Objectives: Seventh Grade
2.b.6, 2.b.7, 2.d.1; 3.a.1, 3.b, 3.c.1; 4.a, 4.b

Competency/Objectives: Eighth Grade
1.b, 1.d, 1.f; 2.b.6, 2.b.7, 2.d.1; 3.a.1, 3.b, 3.c.1; 4.a, 4.b
Correlation Project Learning Tree/Language Arts Framework

Project Learning Tree    Pre K-8 Environmental Education Activity Guide

Activity:    #5 Poet-Tree
Grade Level(s):    3-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third Grade
1.d, 1.g, 1.h; 2.a.4; 3.b; 4.a, 4.b, 4.c

Competency/Objectives: Fourth Grade
1.c, 1.d, 1.f, 1.g; 2.a.4; 3.b, 3.d.5; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
1.b, 1.d, 1.e, 1.f, 1.g; 2.a.4; 3.b, 3.d.5, 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.b, 1.c, 1.d, 1.e, 1.f, 1.g; 2.a.4; 3.b, 3.d.5; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
1.b, 1.c, 1.d, 1.e, 1.f, 1.g; 2.a.4; 3.b, 3.d.5; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
1.b, 1.c, 1.d, 1.e, 1.f, 1.g; 2.a.4; 3.b, 3.d.5; 4.a, 4.b, 4.c

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Activity:    #7 Habitat Pen Pals
Grade Level(s):    3-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third Grade
1.d, 1.h; 3.d.2, 3.f; 4.a, 4.b, 4.c;

Competency/Objectives: Fourth Grade
1.c, 1.d, 1.g; 3.d.2, 3.f.2, 3.f.4; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
1.b, 1.f, 1.g; 3.d.2, 3.f.2, 3.f.3, 3.f.4; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.b, 1.f, 1.g; 3.d.2, 3.f.2, 3.f.3, 3.f.4; 4.a, 4.b, 4.c

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Activity:  #8 The Forest of S.T. Shrew
Grade Level(s):  1-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: First Grade
1.f, 1.i; 2.b.3, 2.b.4, 2.c.1, 2.c.2, 2.d.1, 2.d.3; 3.b.1, 3.c.1, 3.c.2; 4.a

Competency/Objectives: Second Grade
1.h; 2.b.2, 2.b.3, 2.b.4, 2.b.7, 2.c.1, 2.c.2, 2.d.1, 2.d.3; 3.e; 4.a

Competency/Objectives: Third Grade
1.f, 1.h; 2.b.2, 2.b.3, 2.b.5, 2.c.1, 2.c.2, 2.d.1, 2.d.3; 3.f; 4.a

Competency/Objectives: Fourth Grade
1.g; 2.b.4, 2.c, 2.d.1; 3.c.1

Competency/Objectives: Fifth Grade
1.b, 1.f, 1.g; 2.b.5, 2.c, 2.d.1; 3.c.1

Competency/Objectives: Sixth Grade
1.b, 1.d, 1.f, 1.g; 2.b.5, 2.c, 2.d.1; 3.c.1

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Activity:  #9 Planet Diversity
Grade Level(s):  4-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fourth Grade
1.c; 3.a.5

Competency/Objectives: Fifth Grade
1.b, 1.g; 3.a.5

Competency/Objectives: Sixth Grade
1.b, 1.f, 1.g; 3.a.5
Correlation Project Learning Tree/Language Arts Framework

Project Learning Tree    Pre K-8 Environmental Education Activity Guide

Activity: _#11 Can It Be Real?___
Grade Level(s): ____4-8____

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fourth Grade
1.c, 1.e, 1.g; 2.a.2; 3.a.5, 3.b, 3.f.2, 3.f.4; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
1.b, 1.d, 1.f, 1.g; 2.a.2; 3.a.5, 3.b, 3.f.2, 3.f.4; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.b, 1.d, 1.f, 1.g; 2.a.2; 3.a.5, 3.b, 3.f.2, 3.f.4, 3.f.5; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
1.b, 1.d, 1.f, 1.g; 2.a.2; 3.a.5, 3.b, 3.f.2, 3.f.3, 3.f.5; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
1.b, 1.d, 1.f, 1.g; 2.a.2; 3.a.5, 3.b, 3.f.2, 3.f.5, 4.a, 4.b, 4.c

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Activity: _#13 We All Need Trees___
Grade Level(s): _K-6_

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.e.1, 1.e.3, 1.g, 1.h; 4.c

Competency/Objectives: First Grade
1.f.1, 1.f.2, 1.i; 4.a

Competency/Objectives: Second Grade
1.e.1, 1.g, 1.h; 2.b.7, 4.a

Competency/Objectives: Third Grade
1.f, 1.h; 2.b.8, 2.b.9, 4.a
Competency/Objectives: Fourth Grade
1.c, 1.f, 1.g; 2.b.4

Competency/Objectives: Fifth Grade
1.b, 1.f, 1.g; 2.b.4, 2.b.5

Competency: Sixth Grade
1.b, 1.d, 1.f, 1.g; 2.b.4, 2.b.5

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Activity: #16 Pass the Plants, Please
Grade Level(s): K-8

LANGUAGE ARTS COMPETENCIES

Competency: Kindergarten
1.e.2, 1.h;

Competency/Objectives: First Grade
1.f, 1.i;

Competency/Objectives: Second Grade
1.e.1, 1.h

Competency/Objectives: Third Grade
1.d.1, 1.h

Competency/Objectives: Fourth Grade
1.c, 1.g

Competency/Objectives: Fifth Grade
1.b, 1.f, 1.g

Competency/Objectives: Sixth Grade
1.b, 1.f, 1.g

Competency/Objectives: Seventh Grade
1.b, 1.f, 1.g

Competency/Objectives: Eighth Grade
1.b, 1.f, 1.g
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Activity: _#17 People of the Forest__
Grade Level(s): __5-8__

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth Grade
1.b, 1.f, 1.g; 2.a.3; 3.a.1, 3.a.5, 3.c.1, 3.c.4; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.b, 1.d, 1.f, 1.g, 2.a.3; 3.a.1, 3.a.5, 3.c.1, 3.c.4, 3.f.2, 3.f.4, 3.f.5; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
1.b, 1.d, 1.f, 1.g; 2.a.3; 3.a.1, 3.a.5, 3.c.1, 3.c.4, 3.f.2, 3.f.3, 3.f.5; 4.a, 4.b, 4.c;

Competency/Objectives: Eighth Grade
1.b, 1.d, 1.f, 1.g; 2.a.3; 3.a.1, 3.a.5, 3.c.1, 3.c.4, 3.f.2, 3.f.3, 3.f.5; 4.a, 4.b, 4.c

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Activity: _#18 Tale of the Sun__
Grade Level(s): __K-6__

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.g, 1.h; 2.b.1, 2.b.4, 2.c.1, 2.c.2, 2.d; 3.c; 4.a, 4.b, 4.c

Competency/Objectives: First Grade
1.i; 2.b.1, 2.b.2, 2.b.3, 2.c.1, 2.c.2, 2.d; 3.c; 4.a, 4.b, 4.c

Competency/Objectives: Second Grade
1.g, 1.h; 2.b.1, 2.b.2, 2.b.3, 2.b.7, 2.c.1, 2.c.2, 2.d; 3.c; 4.a, 4.b, 4.c

Competency/Objectives: Third Grade
1.f, 1.h; 2.b.1, 2.b.2, 2.b.3, 2.b.8, 2.c.1, 2.d; 3.c; 4.a, 4.b, 4.c

Competency/Objectives: Fourth Grade
1.c, 1.e, 1.g; 2.b.1, 2.b.4; 3.c.1; 4.a, 4.b, 4.c
Competency/Objectives: Fifth Grade
1.b, 1.d, 1.f, 1.g; 2.b.4; 3.c.1; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.b, 1.d, 1.f, 1.g; 2.b.4; 3.c.1; 4.a, 4.b, 4.c

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Activity: #21 Adopt a Tree
Grade Level(s): K-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1.e.1, 1.e.2, 1.g, 1.h; 3.a.1, 3.b.1, 3.b.2, 4.c

Competency/Objectives: First Grade
1.i; 3.a.1, 3.b.1, 3.b.2; 4.a, 4.b, 4.c

Competency/Objectives: Second Grade
1.h; 3.a.1; 4.a, 4.b, 4.c

Competency/Objectives: Third Grade
1.h; 3.a.1; 4.a, 4.b., 4.c

Competency/Objectives: Fourth Grade
1.g; 3.a.1; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
1.f, 1.g; 3.a.1; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.f, 1.g; 3.a.1; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
1.f, 1.g; 3.a.1; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
1.f, 1.g; 3.a.1; 4.a, 4.b, 4.c

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Activity: #24 Nature’s Recyclers
Grade Level(s): 1-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: First Grade
3.a.1, 3.b.1, 3.b.2

Competency/Objectives: Second Grade
3.a.1

Competency/Objectives: Third Grade
3.a.1, 3.f

Competency/Objectives: Fourth Grade
3.a.1

Competency/Objectives: Fifth Grade
3.a.1

Competency/Objectives: Sixth Grade
3.a.1

Activity: #26 Dynamic Duos
Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth Grade
1.f, 1.g; 2.a.2; 3.a.1, 3.f.2, 3.f.3; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
1.d, 1.f, 1.g; 2.a.2; 3.a.1, 3.f.2, 3.f.3; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
1.d, 1.f, 1.g; 2.a.2; 3.a.1; 3.f.2; 3.f.3; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
1.d, 1.f, 1.g; 2.a.2; 3.a.1, 3.f.2, 3.f.3; 4.a, 4.b, 4.c
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Activity: _#31 Plant a Tree_
Grade Level(s): ___3-8___

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third Grade
3.e; 4.a, 4.b, 4.c

Competency/Objectives: Fourth Grade
3.e.1; 4.a, 4.b;

Competency/Objectives: Fifth Grade
3.e.1; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
3.e.1; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
3.e.1; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
3.e.1; 4.a, 4.b, 4.c

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Activity: _#33 Forest Consequences_
Grade Level(s): __6-8__

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Sixth Grade
1.b, 1.d, 1.f; 2.b.5; 3.a.1, 3.a.5, 3.d.1, 3.d.4; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
1.b, 1.d, 1.f; 2.b.6; 3.a.1, 3.a.5, 3.d.1, 3.d.4; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
1.b, 1.d, 1.f; 2.b.6; 3.a.1, 3.a.5, 3.d.1, 3.d.4; 4.a, 4.b, 4.c
Activity: #40 Then and Now
Grade Level(s): 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fourth Grade
3.f.2, 3.f.3

Competency/Objectives: Fifth Grade
3.f.2, 3.f.3

Competency/Objectives: Sixth Grade
3.f.2, 3.f.3

Competency/Objectives: Seventh Grade
3.f.2, 3.f.3

Competency/Objectives: Eighth Grade
3.f.2, 3.f.3

Activity: #41 How Plants Grow
Grade Level(s): 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fourth Grade
3.a.1, 3.a.5, 3.d.3; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
3.a.1, 3.a.5, 3.d.3; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
3.a.1, 3.a.5, 3.d.3; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
3.a.1, 3.a.5, 3.d.3; 4.a, 4.b, 4.c
Competency/Objectives: Eighth Grade
3.a.1, 3.a.5, 3.d.3; 4.a, 4.b, 4.ck

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Activity:  #42 Sunlight and Shades of Green
Grade Level(s):  3-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third Grade
3.b, 3.d.1; 4.a, 4.b, 4.c

Competency/Objectives: Fourth Grade
3.b, 3.c.1, 3.d.1, 3.d.5; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
3.b, 3.c.1, 3.d.1, 3.d.5, 3.d.6; 4.a, 4.b, 4.c

Competency/Objectives: Sixth Grade
3.b, 3.c.1, 3.d.1, 3.d.5, 3.d.6; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
3.b, 3.c.1, 3.d.1, 3.d.5, 3.d.6; 4.a, 4.b, 4.c

Competency/Objectives: Eighth Grade
3.b, 3.c.1, 3.d.1, 3.d.5, 3.d.6; 4.a, 4.b, 4.c

Project Learning Tree    Pre K-8 Environmental Education Activity Guide

Activity:  #44 Water Wonders
Grade Level(s):  4-8

LANGUAGE ARTS COMPETENCIES

Competency: Fourth Grade
3.c.1; 4.a, 4.b, 4.c

Competency/Objectives: Fifth Grade
3.c.1; 4.a, 4.b, 4.c
Competency/Objectives: Sixth Grade
3.c.1; 4.a, 4.b, 4.c

Competency/Objectives: Seventh Grade
3.c.1; 4.a, 4.b, 4_ck

Competency/Objectives: Eighth Grade
3.c.1; 4.a, 4.b, 4.c

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: _#45 Web of Life_
Grade Level(s): _4-8_

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fourth Grade
1.e, 1.f, 1.g; 3.f.2

Competency/Objectives: Fifth Grade
1.d, 1.f, 1.g, 3.f.2

Competency/Objectives: Sixth Grade
1.d, 1.f, 1.g; 3.f.2

Competency/Objectives: Seventh Grade
1.d, 1.f, 1.g; 3.f.2, 3.f.3

Competency/Objectives: Eighth Grade
1.d, 1.f, 1.g; 3.f.2, 3.f.3

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: _#46 Schoolyard Safari_
Grade Level(s): _K-5_

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
Correlation Project Learning Tree/Language Arts Framework

1.e.2, 1.g, 1.h; 3.b.1, 3.b.2

Competency/Objectives: First Grade
1.i; 3.b.1, 3.b.2

Competency/Objectives: Second Grade
1.h; 3.d.1, 3.d.3

Competency/Objectives: Third Grade
1.h; 3.d.1

Competency/Objectives: Fourth Grade
1.g; 3.f.2

Competency/Objectives: Fifth Grade
1.f; 3.e.6, 3.f.2;

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #49 Tropical Treehouse
Grade Level(s): Part A 3-6 Part B 4-8 Part C 6-8

PART A

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third grade
3a, 3b

Competency/Objectives: Fourth grade
3b, 3c, 3d

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #51 Make Your Own Paper
Grade Level(s): 1-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: First grade
4a
Correlation Project Learning Tree/Language Arts Framework

Competency/Objectives: Third grade
3d

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #52 A Look at Aluminum
Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
2b; 3e

Competency/Objectives: Sixth grade
2b

Competency/Objectives: Seventh grade
2b

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #54 I’d Like to Visit A Place Where...
Grade Level(s): Part A K-3

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1a, 1c; 3d

Competency/Objectives: Third grade
1d

PART B & C
Competency/Objectives: Fourth Grade
3a, 3b, 3e

Competency/Objectives: Sixth Grade
3f
Correlation Project Learning Tree/Language Arts Framework

Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity :  #55  Planning the Ideal Community
Grade Level(s):  Activity 4-8  Variation K-3

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
3b, 3f

Competency/Objectives: Sixth grade
3b, 3f

Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity :  #56  We Can Work It Out
Grade Level(s):  5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
2e; 3e, 3f

Competency/Objectives: Seventh grade
2b, 3c

Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity :  #57  Democracy in Action
Grade Level(s):  5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
2e; 3f

Competency/Objectives: Sixth grade
3f
Competency/Objectives: Seventh grade  
3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #58 There Ought to Be a Law  
Grade Level(s): 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fourth Grade  
3a, 3b, 3e

Competency/Objectives: Fifth grade  
2e

Competency: Sixth grade  
3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #59 Power of Print  
Grade Level(s): 6-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Sixth & Seventh grade  
1b, 1c, 1f, 1g; 2b, 2e; 3a, 3d

Competency/Objectives: Seventh grade  
1b, 1c, 1f, 1g; 2b, 2e; 3a, 3b, 3d

Competency/Objectives: Eighth grade  
1b, 1c, 1f, 1g; 3a, 3b, 3d

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #60 Publicize It!  
Grade Level(s): 5-8
Correlation Project Learning Tree/Language Arts Framework

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
1b, 1f, 1g; 3a, 3d;

Competency/Objectives: Sixth grade
1b, 1f, 1g; 3a, 3d;

Competency/Objectives: Seventh grade
1b, 1f, 1g; 3a, 3d

Competency/Objectives: Eighth grade
1b, 1c, 1f, 1g; 3a, 3d

Project Learning Tree     Pre K-8 Environmental Education Activity Guide
Activity: #61 The Closer You Look
Grade Level(s): Pre K-4

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1e, 1g; 3b

Competency/Objectives: First grade
1f; 2d

Competency/Objectives: Second grade
1e; 3b

Project Learning Tree     Pre K-8 Environmental Education Activity Guide
Activity: #62 To Be a Tree
Grade Level(s): Pre K-4

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1e, 4c
Competency/Objectives: First grade
1a

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #63 Tree Factory
Grade Level(s): Pre K-5

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1e; 4c

Competency/Objectives: First grade
1a,

Competency/Objectives: Third grade
Suggested Objectives:
3b; 4a

Competency/Objectives: Fourth grade
3b

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #64 Look at Leaves
Grade Level(s): K-4

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1e; 4c

Competency/Objectives: First grade
1a
Correlation Project Learning Tree/Language Arts Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #65 Bursting Buds
Grade Level(s): K-6

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
3b; 4b

Competency/Objectives: First grade
3; 4b

Competency/Objectives: Second grade
3b

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #70 Soil Stories
Grade Level(s): A K-4 B 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third – Sixth Grade
#3. The student will express, communicate, or evaluate ideas effectively.
Suggested Objectives:
3A

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #71 Watch on Wetlands
Grade Level(s): 7-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Seventh Grade
3b, 3c, 3f; 4b, 4c
Correlation Project Learning Tree/Language Arts Framework

Competency/Objectives: Eighth Grade
3b, 3c, 3f; 4b, 4c

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #72 Air We Breathe
Grade Level(s): 6-8

LANGUAGE ARTS COMPETENCIES
Competency/Objectives: Sixth Grade
3b, 3f

Competency/Objectives: Seventh Grade
3b, 3f; 4b, 4c

Competency/Objectives: Eighth Grade
3b, 3f; 4b, 4c

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #74 People, Places, Things
Grade Level(s): K-3

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1e, 1g; 3b

Competency/Objectives: First Grade
1f, 3b

Competency/Objectives: Second Grade
1e; 3b

Competency/Objectives: Third Grade
3b
Activity: #76 Tree Cookies
Grade Level(s): 3-8 Variation: 1-3

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Sixth grade
1b, 1c, 1f, 1g; 2b, 2e; 3a, 3d

Competency/Objectives: Seventh grade
1b, 1c, 1f, 1g; 2b, 2e; 3a, 3d

Competency/Objectives: Eighth grade
1b, 1c, 1f, 1g; 3a, 3d

Activity: #77 Trees In Trouble
Grade Level(s): Part A: 1-8 Part B: 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Sixth grade
1b, 1f, 1g, 3f

Competency/Objectives: Seventh grade
1b, 1f; 3f

Competency/Objectives: Eighth grade
1b, 1f; 3f
Correlation Project Learning Tree/Language Arts Framework

Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity:  #78 Signs of Fall
Grade Level(s):  Part A: K-5  Part B: 3-6

LANGUAGE ARTS COMPETENCIES
Competency/Objectives: Second grade
1d, 1e; 3f

Competency/Objectives: Third grade
1d; 3f
Competency: Fourth grade
1d, 1f; 3f

Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity:  #79 Tree Lifecycle
Grade Level(s):  3-6 Variation Pre k -2

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Second grade
1d, 1e; 3d, 3f

Competency/Objectives: Third grade
1d, 1e, 1h, 3d, 3f

Competency/Objectives: Fourth grade
1d, 1f; 3d, 3f

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Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity: #80 Nothing Succeeds Like Succession
Grade Level(s): Part A 3-6 Part B 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Third grade
1d, 1e; 3d, 3f

Competency/Objectives: Fourth grade
1d, 1e; 3d, 3f

Competency/Objectives: Sixth grade
1b, 1f; 3d, 3f

Competency/Objectives: Seventh grade
1b, 1f; 3d, 3f

Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity: #83 A Peek at Packaging
Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth - Eighth grade
3f

Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity: #84 The Global Climate
Grade Level(s): 6-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Sixth – Eighth grade
3f
Correlation Project Learning Tree/Language Arts Framework

Project Learning Tree     Pre K-8 Environmental Education Activity Guide

Activity :  #86 Our Changing World
Grade Level(s):  5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
1d, 1e; 3f

Competency/Objectives: Sixth – Seventh grade
1b, 1f; 3f

Project Learning Tree     Pre K-8 Environmental Education Activity Guide

Activity :  #87 Earth Manners
Grade Level(s):  Pre K-4

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Kindergarten
1e, 1g

Competency/Objectives: First grade
1f; 2b, 2c

Competency/Objectives: Second grade
1e; 2b; 2c

Competency/Objectives: Third grade
2b, 2c
Activity: #88 Life on the Edge
Grade Level(s): 4-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade
1f, 1g; 3a, 3d

Competency/Objectives: Sixth grade
1f, 1g; 3a, 3d

Competency/Objectives: Seventh grade
1f, 1g; 3a, 3f

Competency: Eighth grade
1f, 1g; 3f

Activity: #89 Trees for Many Reasons
Grade Level(s): Part A 2-6 Part B 6-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Second grade
1e; 2b; 2c

Competency/Objectives: Third grade
2b, 2c

Competency/Objectives: Sixth grade
1b, 1c, 1e, 1g; 2b, 2c

Competency/Objectives: Seventh grade
2b, 2c
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #90 Native Ways
Grade Level(s): 4-8

LANGUAGE ARTS COMPETENCIES
Competency/Objectives: Fifth grade
3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #91 In the Good Old Days
Grade Level(s): 6-8

LANGUAGE ARTS COMPETENCIES
Competency/Objectives: Sixth grade
1f, 1g; 3a, 3d, 3f

Competency/Objectives: Seventh – Eighth grade
1f, 1g; 3a, 3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #92 A Look at Lifestyles
Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES
Competency/Objectives: Fifth – Eighth grade
1f, 1g; 2b, 2d; 3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #93 Paper Civilizations
Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES
Correlation Project Learning Tree/Language Arts Framework

Competency/Objectives: Fifth – Eighth grade
1f, 1g; 3f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #95 Did You Notice?
Grade Level(s): K-8 Part B 3-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth – Eighth grade
1f, 1g; 3f

END OF LANGUAGE ARTS CORRELATION
Activity: #1 The Shape of Things
Grade Level(s): K-3

MATHEMATICS COMPETENCIES

Competency/Objectives: Kindergarten Geometry
3b

Competency/Objectives: First grade Geometry
3a, 3b

Competency/Objectives: Second grade Geometry
3a, 3c

Competency/Objectives: Third grade Geometry
3a

Activity: #4 Sounds Around
Grade Level(s): 1-8

MATHEMATICS COMPETENCIES

Competency/Objectives: First grade Algebra
2a

Competency/Objectives: First grade Measurement
4a
Correlation Project Learning Tree/Mathematics

Competency/Objectives: Second grade Measurement
4a

Competency/Objectives: Third grade Algebra
2a

Competency/Objectives: Third grade Measurement
4b

Competency/Objectives: Third grade Data Analysis and Probability
5a

Competency/Objectives: Fourth grade Measurement
4d

Competency/Objectives: Fourth grade Data Analysis and Probability
5a, 5c

Competency/Objectives: Fifth grade Data Analysis and Probability
5b

Competency/Objectives: Sixth grade Data Analysis and Probability
5a, 5c

Competency/Objectives: Seventh grade Data Analysis and Probability
5a

Competency/Objectives: Eighth grade (Pre-Algebra) Measurement
4a

Competency: Eighth grade (Transition to Algebra) Data Analysis
5a

Project Learning Tree  Pre K-8 Environmental Education Activity Guide
Activity:  #6 Picture This!
Grade Level(s):  K-5

MATHEMATICS COMPETENCIES

Competency/Objectives: Kindergarten Algebra
2a, 2b
Competency/Objectives: First grade Algebra
2a

Competency/Objectives: First grade Data Analysis & Probability
5a

Competency/Objectives: Second grade Algebra
2a

Competency/Objectives: Third grade Data Analysis & Probability
5a

Competency/Objectives: Fourth grade Data Analysis & Probability
5c

Competency/Objectives: Fifth grade Data Analysis & Probability
5b

Project Learning Tree    Pre K-8 Environmental Education Activity Guide

Activity:  #12 Invasive Species
Grade Level(s):  ___5-6___

MATHEMATICS COMPETENCIES

Competency: Fifth grade Data Analysis and Probability
5b

Competency: Sixth grade Data Analysis and Probability
5c

Project Learning Tree    Pre K-8 Environmental Education Activity Guide

Activity:  #16 Pass the Plants, Please
Grade Level(s):  ___3-8___

MATHEMATICS COMPETENCIES

Competency/Objectives: Third grade Data Analysis and Probability
5a

Competency/Objectives: Fourth grade Data Analysis and Probability
5a, 5c
Correlation Project Learning Tree/ Mathematics

Competency/Objectives: Fifth grade Data Analysis and Probability
5b

Competency/Objectives: Sixth grade Data Analysis and Probability
5a, 5c

Competency/Objectives: Seventh grade Data Analysis and Probability
5c

Competency/Objectives: Eighth grade (Transition to Algebra) Data Analysis
5as

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: _#21 Adopt a Tree_
Grade Level(s): ___3-8___

MATHEMATICS COMPETENCIES

Competency/Objectives: Third grade Measurement
4a

Competency/Objectives: Fourth grade Measurement
4d

Competency/Objectives: Fifth grade Measurement
4d

Competency/Objectives: Sixth grade Measurement
4b, 4c, 4f

Competency/Objectives: Seventh grade Measurement
4a

Competency/Objectives: Eighth grade (Pre-Algebra) Measurement
4a, 4c

Competency/Objectives: Eighth grade (Transition to Algebra) Measurement
4a
Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity:  #22 Trees as Habitats
Grade Level(s):  3-6; 8 (Transition)

MATHEMATICS COMPETENCIES

Competency/Objectives: Third grade Data Analysis and Probability
5a

Competency/Objectives: Fourth grade Data Analysis and Probability
5c

Competency/Objectives: Fifth grade Data Analysis and Probability
5b

Competency/Objectives: Sixth grade Data Analysis and Probability
5c

Competency/Objectives: Eighth grade (Transition to Algebra) Data Analysis
5a
Project Learning Tree    Pre K-8 Environmental Education Activity Guide

Activity:  #25 Birds and Worms
Grade Level(s):  K-6

MATHEMATICS COMPETENCIES

Competency/Objectives: Kindergarten Algebra
2b

Competency/Objectives: First grade Algebra
2a

Competency/Objectives: First grade Data Analysis & Probability
5a

Competency/Objectives: Second grade Algebra
2a

Competency/Objectives: Second grade Data Analysis & Probability
5b

Competency/Objectives: Third grade Data Analysis and Probability
5a
Competency/Objectives: Fourth grade Algebra
2a

Competency/Objectives: Fourth grade Data Analysis and Probability
5a, 5c

Competency/Objectives: Fifth grade Data Analysis and Probability
5b

Competency/Objectives: Sixth grade Data Analysis and Probability
5c

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity:  #27 Every Tree for Itself
Grade Level(s):  2-8

MATHEMATICS COMPETENCIES
Competency/Objectives: Second grade Measurement
4a

Competency/Objectives: Third grade Measurement
4b

Competency/Objectives: Fourth grade Measurement
4d

Competency/Objectives: Fifth grade Measurement
4d

Competency/Objectives: Sixth grade Measurement
4c

Competency: Seventh grade Measurement
4a

Competency/Objectives: Eighth grade (Pre-Algebra) Measurement
4a

Competency/Objectives: Eighth grade (Transition to Algebra) Measurement
4a
Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity: _#35 Loving It Too Much_
Grade Level(s): __6-8__

MATHEMATICS COMPETENCIES
Competency/Objectives: Sixth grade Data Analysis and Probability
5a

Competency/Objectives: Seventh grade Data Analysis and Probability
5c

Competency/Objectives: Eighth grade (Transition to Algebra) Data Analysis
5a

Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity: _#36 Pollution Search_
Grade Level(s): __2-6__

MATHEMATICS COMPETENCIES
Competency/Objectives: Second grade Data Analysis & Probability
5b

Competency/Objectives: Third grade Data Analysis and Probability
5a

Competency/Objectives: Fourth grade Data Analysis and Probability
5a, 5c

Competency/Objectives: Fifth grade Data Analysis and Probability
5b

Competency/Objectives: Sixth grade Data Analysis and Probability
5a
Activity: __#37 Reduce, Reuse, Recycle__
Grade Level(s): __5, 7-8__

MATHEMATICS COMPETENCIES

Competency/Objectives: Fifth grade Measurement
4d

Competency/Objectives: Seventh grade Measurement
4a

Competency/Objectives: Eighth grade (Pre-Algebra) Measurement
4c

Competency/Objectives: Eighth grade (Transition to Algebra) Measurement
4a
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #38 Every Drop Counts
Grade Level(s): 4-8

MATHEMATICS COMPETENCIES

Competency/Objectives: Fourth grade Measurement
4b, 4d

Competency/Objectives: Fourth grade Data Analysis and Probability
5a, 5c

Competency/Objectives: Fifth grade Measurement
4b, 4d

Competency/Objectives: Fifth grade Data Analysis and Probability
5b

Competency/Objectives: Sixth grade Measurement
4a

Competency/Objectives: Sixth grade Data Analysis and Probability
5a

Competency/Objectives: Seventh grade Measurement
4a

Competency/Objectives: Eighth grade (Pre-Algebra) Measurement
4c

Competency/Objectives: Eighth grade (Transition to Algebra) Measurement
4a

Competency/Objectives: Eighth grade (Transition to Algebra) Data Analysis
5a
Activity: #41 How Plants Grow
Grade Level(s): 4-8

MATHEMATICS COMPETENCIES

Competency/Objectives: Fourth grade Measurement
4d

Competency/Objectives: Fourth grade Data Analysis and Probability
5a, 5c

Competency/Objectives: Fifth grade Measurement
4d

Competency/Objectives: Fifth grade Data Analysis and Probability
5b

Competency/Objectives: Sixth grade Data Analysis and Probability
5a

Competency/Objectives: Seventh grade Data Analysis and Probability
5c

Competency/Objectives: Eighth grade (Transition to Algebra) Data Analysis
5a

Activity: #47 Are Vacant Lots Vacant?
Correlation Project Learning Tree/Mathematics

Grade Level(s): _K, 2_

MATHEMATICS COMPETENCIES

Competency/Objectives: Kindergarten Data Analysis & Probability
5a

Competency/Objectives: Second grade Data Analysis & Probability
5a

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: __#48 Field, Forest, and Stream__
Grade Level(s): _1-5, 8_

MATHEMATICS COMPETENCIES

Competency/Objectives: First grade Data Analysis & Probability
5b

Competency/Objectives: Second grade Data Analysis & Probability
5a

Competency/Objectives: Third grade Data Analysis and Probability
5a

Competency/Objectives: Fourth grade Measurement
4d

Competency/Objectives: Fourth grade Data Analysis and Probability
5c

Competency/Objectives: Fifth grade Measurement
4d

Competency/Objectives: Fifth grade Data Analysis and Probability
5b

Competency/Objectives: Eighth grade (Transition to Algebra) Measurement
4a

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: __#49 Tropical Treehouse__
Correlation Project Learning Tree/Mathematics

Grade Level(s): Part A 3-6 Part B 4-8 Part C 6-8

PART B
MATH COMPETENCIES

Competency/Objectives: Fourth grade MEASUREMENT
4d

Competency/Objectives: Sixth grade MEASUREMENT
4f

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #50 400-Acre Wood
Grade Level(s): 7-8

MATHEMATICS COMPETENCIES

Competency/Objectives: Seventh grade MEASUREMENT
4d

Competency: Seventh grade
5a, 5d

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #53 On the Move
Grade Level(s): 4-8

MATHEMATICS COMPETENCIES

Competency/Objectives: Fourth grade DATA ANALYSIS & PROBABILITY
5c

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #65 Bursting Buds
Grade Level(s): K-6

MATHEMATICS COMPETENCIES
Correlation Project Learning Tree/Mathematics

Competency/Objectives: Kindergarten MEASUREMENT
4a, 4b

Competency/Objectives: First grade MEASUREMENT
4a, 4b

Competency/Objectives: Second grade MEASUREMENT
4a

Competency/Objectives: Third grade MEASUREMENT
4c

Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity: #66 Germinating Giants
Grade Level(s): 4-6

MATHEMATICS COMPETENCIES

Competency/Objectives: Fourth grade MEASUREMENT
4d

Competency/Objectives: Fifth grade MEASUREMENT
4b

Competency/Objectives: Sixth grade MEASUREMENT
4f

Project Learning Tree  Pre K-8 Environmental Education Activity Guide

Activity: #67 How Big is Your Tree?
Grade Level(s): 4-8

MATHEMATICS COMPETENCIES

Competency/Objectives: Fourth grade MEASUREMENT
4a, 4d

Competency/Objectives: Fourth grade DATA ANALYSIS & PROBABILITY
5b

Competency/Objectives: Fifth grade MEASUREMENT
4a, 4b, 4d
Correlation Project Learning Tree/Mathematics

Competency/Objectives: Fifth grade DATA ANALYSIS & PROBABILITY
5b

Competency/Objectives: Sixth grade MEASUREMENT
4b, 4f

Competency/Objectives: Sixth grade DATA ANALYSIS & PROBABILITY
5b

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #73 Waste Watchers
Grade Level(s): 4-8

MATHEMATICS COMPETENCIES

Competency/Objectives: Fourth grade DATA ANALYSIS & PROBABILITY
5b, 5c

Competency/Objectives: Fifth grade DATA ANALYSIS & PROBABILITY
5b

Competency/Objectives: Sixth grade DATA ANALYSIS & PROBABILITY
5b

Competency/Objectives: Seventh grade DATA ANALYSIS & PROBABILITY
5b

Competency/Objectives: Eighth grade DATA ANALYSIS & PROBABILITY
5b

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #84 The Global Climate
Grade Level(s): 6-8

MATHEMATICS COMPETENCIES

Competency/Objectives: Sixth grade DATA ANALYSIS & PROBABILITY
5a, 5c
Competency/Objectives: Fourth grade DATA ANALYSIS & PROBABILITY
5a, 5c, 5d

Competency/Objectives: Eighth grade MEASUREMENT
4C

Competency/Objectives: Fourth grade DATA ANALYSIS & PROBABILITY
5B

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #85 In the Driver’s Seat
Grade Level(s): 5-8

MATHEMATICS COMPETENCIES

Competency/Objectives: Fourth grade DATA ANALYSIS & PROBABILITY
5a, 5b

Competency/Objectives: Fourth grade DATA ANALYSIS & PROBABILITY
5b, 5c

Competency/Objectives: Fourth grade DATA ANALYSIS & PROBABILITY
5b, 5c, 5d

Competency/Objectives: Eighth grade MEASUREMENT
4a

END OF MATHEMATICS CORRELATION
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #1 The Shape of Things

Grade Level(s): K-2

SCIENCE COMPETENCIES

Competency: Kindergarten Life Science
Understand characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.a

Competency: Kindergarten Earth and Space Science
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4.a

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
   Suggested Objectives: 3.a

Competency: First Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4.a

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.a

Competency: Second Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4.a
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #2 Get in Touch with Trees

Grade Level(s): K-6

SCIENCE COMPETENCIES

Competency: Kindergarten Physical Science
Identify properties of objects and materials, position and motion of objects, and properties of magnetism.
  Suggested Objectives: 2.a

Competency: Kindergarten Life Science
Understand characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.b

Competency: Kindergarten Earth and Space Science
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.b

Competency: First Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a

Competency: First Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.a

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a

Competency: Second Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 3.a, 4.a
Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation
  Suggested Objectives: 1.b, 1.d, 1.e

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry
  Suggested Objectives: 1.b, 1.d, 1.e

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
  Suggested Objectives: 3.c

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills
  Suggested Objectives: 1.d, 1.e

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills
  Suggested Objectives: 1.e
Activity: #3 Peppermint Beetle

Grade Level(s): K-6

SCIENCE COMPETENCIES

Competency: Kindergarten Life Science
Understand characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.b, 3.c

Competency: First Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.a, 3.b

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.a, 3.d

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation
   Suggested Objectives: 1.b

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.a, 3.c

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry.
   Suggested Objectives: 1.b

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.a, 3.c

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
   Suggested Objectives: 3.a
Correlation Project Learning Tree/Science Framework

Competency: Sixth Grade Life Science
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
  Suggested Objectives: 3.a

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: __ #4 Sounds Around___

Grade Level(s): _K-8___

SCIENCE COMPETENCIES

Competency: Kindergarten Inquiry
Ask questions and find answers by scientific investigation.
  Suggested Objectives: 1.e

Competency: Kindergarten Life Science
Understand characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.b

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.
  Suggested Objectives: 1.e

Competency: First Grade Physical Science
Develop an understanding of properties of objects and materials, position and motion of objects, and properties of heat and magnetism.
  Suggested Objectives: 2.g

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
  Suggested Objectives: 1.e

Competency: Second Grade Physical Science
Apply an understanding of properties of objects and materials, position and motion of objects, and properties of magnetism.
  Suggested Objectives: 2.g

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation.
  Suggested Objectives: 1.e
Competency: Third Grade Physical Science
Explain concepts related to objects and materials, position and motion of objects, and properties of magnetism.  
Suggested Objectives: 2.f

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry.  
Suggested Objectives: 1.d

Competency: Fourth Grade Physical Science
Use the properties of objects and materials, position and motion of objects, and transfer of energy to develop an understanding of physical science concepts.  
Suggested Objectives: 2.f

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills.  
Suggested Objectives: 1.e

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills.  
Suggested Objectives: 1.c, 1.d

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.  
Suggested Objectives: 1.c, 1.d

Competency: Eighth Grade Inquiry
Draw conclusions from scientific investigations including controlled experiments.  
Suggested Objectives: 1.c, 1.d

Competency: Eighth Grade Physical Science
Apply concept relating to an understanding of chemical and physical changes, interactions involving energy, and forces that affect motion of objects.  
Suggested Objectives: 2.c
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: __#5 Poet-Tree__

Grade Level(s): __3-5__

SCIENCE COMPETENCIES

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation.
    Suggested Objectives: 1.b

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
    Suggested Objectives: 3.a

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry.
    Suggested Objectives: 1.b

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills.
    Suggested Objectives: 1.e
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #6 Picture This!

Grade Level(s): K-5

SCIENCE COMPETENCIES

Competency: Kindergarten Inquiry
Ask questions and find answers by scientific investigation.
   Suggested Objectives: 1.b

Competency: Kindergarten Life Science
Understand characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.a

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.
   Suggested Objectives: 1.b

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms. Suggested Objectives: 3.a

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
   Suggested Objectives: 1.b
Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
  Suggested Objectives: 3.a

Competency: Third Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
  Suggested Objectives: 1.b

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1.b

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.c

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1.e

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.
  Suggested Objectives: 3.a
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #7 Habitat Pen Pals

Grade Level(s): 3-5

SCIENCE COMPETENCIES

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a, 3.c

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a, 3.c

Competency: Fifth Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: __#8 The Forest of S.T. Shrew__

Grade Level(s): __1-2__

SCIENCE COMPETENCIES

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
   Suggested Objectives: 3.a, 3.e

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
   Suggested Objectives: 3.a
Activity: #9 Planet Diversity

Grade Level(s): 4-6

SCIENCE COMPETENCIES

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry.

  Suggested Objectives: 1.a, 1.e

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms.

  Suggested Objectives: 3.a, 3.c

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills.

  Suggested Objectives: 1.a, 1.e, 1.h

Competency: Fifth Grade Life Science
Predict characteristic, structures, life cycles, environments, evolution, and diversity of organisms.

  Suggested Objectives: 3.a

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills.

  Suggested Objectives: 1.a, 1.e, 1.h

Competency: Sixth Grade Life Science

Correlation Project Learning Tree/Science Framework
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.

**Suggested Objectives:** 3.a

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**Project Learning Tree Pre K-8 Environmental Education Activity Guide**

**Activity:** #10 Charting Diversity

**Grade Level(s):** 4-8

**SCIENCE COMPETENCIES**

**Competency: Fourth Grade Inquiry**
Explain and use skills necessary to conduct scientific inquiry.  
**Suggested Objectives:** 1.c, 1.d

**Competency: Fifth Grade Inquiry**
Develop and demonstrate an understanding of scientific inquiry using process skills.  
**Suggested Objectives:** 1.c, 1.d, 1.e, 1.g

**Competency: Sixth Grade Inquiry**
Conduct a scientific investigation utilizing appropriate process skills.  
**Suggested Objectives:** 1.c, 1.d, 1.e

**Competency: Seventh Grade Inquiry**
Design and conduct a scientific investigation utilizing appropriate process skills and technology.  
**Suggested Objectives:** 1.c, 1.d, 1.e

**Competency: Eighth Grade Inquiry**
Conduct a scientific investigation utilizing appropriate process skills.  
**Suggested Objectives:** 1.c
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: __#11 Can it Be Real?

Grade Level(s): _4-8_

SCIENCE COMPETENCIES

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry.

Suggested Objectives: 1.d

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms.

Suggested Objectives: 3.a, 3.c

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills.

Suggested Objectives: 1.e

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.

Suggested Objectives: 3.a

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills.

Suggested Objectives: 1.c

Competency: Sixth Grade Life Science
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.

Suggested Objectives: 3.a, 3.b

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.

Suggested Objectives: 1.c
Competency: Seventh Grade Life Science
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
   Suggested Objectives: 3.e

Competency: Eighth Grade Inquiry
Draw conclusions from scientific investigations including controlled experiments.
   Suggested Objectives: 1.c

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Activity: #12 Invasive Species

Grade Level(s): 5-8

SCIENCE COMPETENCIES

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills.
   Suggested Objectives: 1.d

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.
   Suggested Objectives: 3.a

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills.
   Suggested Objectives: 1.c, 1.e

Competency: Sixth Grade Life Science
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
   Suggested Objectives: 3.a

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
   Suggested Objectives: 1.c, 1.d
Correlation Project Learning Tree/Science Framework

Competency: Seventh Grade Life Science
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.

Suggested Objectives: 3.a, 3.d

Competency: Eighth Grade Inquiry
Draw conclusions from scientific investigations including controlled experiments.

Suggested Objectives: 1.c

Competency: Eighth Grade Life Science
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.

Suggested Objectives: 3.a

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Activity: #13 We All Need Trees

Grade Level(s): K-6

SCIENCE COMPETENCIES

Competency: Kindergarten Inquiry
Ask questions and find answers by scientific investigation.

Suggested Objectives: 1.b

Competency: Kindergarten Physical Science
Identify properties of objects and materials, position and motion of objects, and properties of magnetism.

Suggested Objectives: 2.a

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.

Suggested Objectives: 1.b

Competency: First Grade Physical Science
Identify properties of objects and materials, position and motion of objects, and properties of magnetism.

Suggested Objectives: 2.a
Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
Continued

Suggested Objectives: 1.b

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation.
Suggested Objectives: 1.d

Competency: Fourth Grade Inquiry
Apply concepts involved in a scientific investigation.
Suggested Objectives: 1.e

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills.
Suggested Objectives: 1.d

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills.
Suggested Objectives: 1.d

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #14 Renewable or Not?

Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fourth Grade Inquiry
Apply concepts involved in a scientific investigation.
Suggested Objectives: 1.a

Competency: Fourth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4.d, 4.g

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills.
Suggested Objectives: 1.a

Competency: Fifth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.

Suggested Objectives: 4.d, 4.g

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills.

Suggested Objectives: 1.a

Competency: Sixth Grade Earth and Space Science
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.

Suggested Objectives: 4.d, 4.g

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.

Suggested Objectives: 1.a

Competency: Seventh Grade Earth and Space Science
Describe the properties and structure of the sun and the moon with respect to the Earth.

Suggested Objectives: 4.g

Competency: Eighth Grade Inquiry
Draw conclusions from scientific investigations including controlled experiments.

Suggested Objectives: 1.a

Competency: Eighth Grade Earth and Space Science
Describe the Earth’s system in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.

Suggested Objectives: 4.d, 4.g
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #15 A Few of My Favorite Things

Grade Level(s): 2-8

SCIENCE COMPETENCIES

Competency: Second Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.d

Competency: Third Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.d

Competency: Fourth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.d

Competency: Fifth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.d, 4.g

Competency: Sixth Grade Earth and Space Science
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
  Suggested Objectives: 4.g

Competency: Seventh Grade Earth and Space Science
Describe the properties and structure of the sun and the moon with respect to the Earth.
Suggested Objectives: 4.g

Competency: Eighth Grade Earth and Space Science
Describe the Earth’s system in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
  Suggested Objectives: 4.d, 4.g

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Activity: #16 Pass the Plants, Please

Grade Level(s): K-8

SCIENCE COMPETENCIES

Competency: Kindergarten Life Science
Understand characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a

Competency: First Grade Life Science
Develop an understanding of properties of objects and materials, position and motion of objects, and properties of heat and magnetism.
  Suggested Objectives: 3.a

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation
  Suggested Objectives: 1.d

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1.e

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
  Suggested Objectives: 3.c
Correlation Project Learning Tree/Science Framework

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills
Continued

  Suggested Objectives: 1.d

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills
  Suggested Objectives: 1.e

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  Suggested Objectives: 1.d

Competency: Eighth Grade Inquiry
Draw conclusions from scientific investigations including controlled experiments.
  Suggested Objectives: 1.d
Activity: #18 Tale of the Sun

Grade Level(s): K-6

SCIENCE COMPETENCIES

Competency: Kindergarten Inquiry
Ask questions and find answers by scientific investigation.
   Suggested Objectives: 1.d

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.
   Suggested Objectives: 1.a

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
   Suggested Objectives: 1.a

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation.
   Suggested Objectives: 1.a

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry.
   Suggested Objectives: 1.a

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills.
Suggested Objectives: 1.h

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1.

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Activity: #19 Viewpoints on the Line

Grade Level(s): 6-8

SCIENCE COMPETENCIES

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills
  Suggested Objectives: 1.g, 1.h

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  Suggested Objectives: 1.b, 1.g

Competency: Eighth Grade Inquiry
Draw conclusions from scientific investigations including controlled experiments.
  Suggested Objectives: 1.e, 1.h
Activity: #20 Environmental Exchange Box

Grade Level(s): K-8

SCIENCE COMPETENCIES

Competency: Kindergarten Inquiry
Ask questions and find answers by scientific investigation.
   Suggested Objectives: 1.b

Competency: Kindergarten Earth and Space Science
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4.b

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.
   Suggested Objectives: 1.b

Competency: First Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4.a

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
   Suggested Objectives: 1.a

Continue
Competency: Second Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4.a

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation
   Suggested Objectives: 1.b

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.a

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry
   Suggested Objectives: 1.b

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
   Suggested Objectives: 3.a, 3.c

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
   Suggested Objectives: 3.a

Competency: Fifth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4.a

Competency: Sixth Grade Earth and Space Science
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere
   Suggested Objectives: 4.c

Continue
Competency: Seventh Grade Life Science
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
  Suggested Objectives: 3.a

Competency: Seventh Grade Earth and Space Science
Describe the properties and structure of the sun and the moon with respect to the Earth.
  Suggested Objectives: 4.a

Competency: Eighth Grade Life Science
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
  Suggested Objectives: 3.a

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Activity: #21 Adopt a Tree

Grade Level(s): K-8

SCIENCE COMPETENCIES

Competency: Kindergarten Inquiry
Ask questions and find answers by scientific investigation.
  Suggested Objectives: 1.b, 1.e

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.
  Suggested Objectives: 1.b, 1.e

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
  Suggested Objectives: 3.e

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
  Suggested Objectives: 1.b

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a
**Correlation Project Learning Tree/Science Framework**

**Competency: Third Grade Inquiry**  
Apply concepts involved in a scientific investigation  
* Suggested Objectives: 1.b, 1.e

**Competency: Fourth Grade Inquiry**  
Explain and use skills necessary to conduct scientific inquiry  
* Suggested Objectives: 1.b, 1.c, 1.d, 1.g

**Competency: Fourth Grade Life Science**  
Analyze the characteristics, structures, life cycles, and environments of organisms  
* Suggested Objectives: 3.c

**Competency: Fifth Grade Inquiry**  
Develop and demonstrate an understanding of scientific inquiry using process skills  
* Suggested Objectives: 1.c, 1.d, 1.e

**Competency: Fifth Grade Life Science**  
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.  
* Suggested Objectives: 3.a

**Competency: Sixth Grade Inquiry**  
Conduct a scientific investigation utilizing appropriate process skills  
* Suggested Objectives: 1.c, 1.e

**Competency: Seventh Grade Inquiry**  
Design and conduct a scientific investigation utilizing appropriate process skills and technology.  
* Suggested Objectives: 1.c, 1.d

**Competency: Eighth Grade Inquiry**  
Draw conclusions from scientific investigations including controlled experiments.  
* Suggested Objectives: 1.c
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #22 Trees as Habitats

Grade Level(s): K-8

SCIENCE COMPETENCIES

Competency: Kindergarten Inquiry
Ask questions and find answers by scientific investigation.
  Suggested Objectives: 1.e

Competency: Kindergarten Life Science
Understand characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.e

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.
  Suggested Objectives: 1.e

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
  Suggested Objectives: 3.a

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a, 3.d

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation
  Suggested Objectives: 1.b, 1.c, 1.e

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a, 3.c

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry
  Suggested Objectives: 1.b, 1.c, 1.e

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms

**Continued**

**Suggested Objectives:** 3.a, 3.c

**Competency: Fifth Grade Inquiry**
Develop and demonstrate an understanding of scientific inquiry using process skills

**Suggested Objectives:** 1.c, 1.e

**Competency: Fifth Grade Life Science**
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.

**Suggested Objectives:** 3.a

**Competency: Sixth Grade Inquiry**
Conduct a scientific investigation utilizing appropriate process skills

**Suggested Objectives:** 1.c, 1.e

**Competency: Sixth Grade Life Science**
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.

**Suggested Objectives:** 3.a

**Competency: Seventh Grade Inquiry**
Design and conduct a scientific investigation utilizing appropriate process skills and technology.

**Suggested Objectives:** 1.c, 1.d

**Competency: Seventh Grade Life Science**
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.

**Suggested Objectives:** 3.e

**Competency: Eighth Grade Inquiry**
Draw conclusions from scientific investigations including controlled experiments.

**Suggested Objectives:** 1.c

**Competency: Eighth Grade Life Science**
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.

**Suggested Objectives:** 3.a
Activity: #23 The Fallen Log

Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry
   Suggested Objectives: 1.b, 1.c, 1.d, 1.e

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
   Suggested Objectives: 3.a, 3.c

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills
   Suggested Objectives: 1.c, 1.e

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
   Suggested Objectives: 3.a

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills
   Suggested Objectives: 1.c, 1.e

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
   Suggested Objectives: 1.c, 1.d

Competency: Seventh Grade Life Science
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
   Suggested Objectives: 3.a

Competency: Seventh Grade Earth and Space Science
Describe the properties and structure of the sun and the moon with respect to the Earth.
Suggested Objectives: 4.d

**Competency: Eighth Grade Inquiry**
Draw conclusions from scientific investigations including controlled experiments.

Continued

Suggested Objectives: 1.c

**Competency: Eighth Grade Earth and Space Science**
Describe the Earth’s system in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.

Suggested Objectives: 4.e
Activity: #24 Nature’s Recyclers

Grade Level(s): 1-6

SCIENCE COMPETENCIES

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.
  Suggested Objectives: 1.a, 1.e

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
  Suggested Objectives: 3.e

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
  Suggested Objectives: 1.a

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.c, 3.e

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation
  Suggested Objectives: 1.a, 1.d, 1.e

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a, 3.e

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry
  Suggested Objectives: 1.b, 1.d, 1.e, 1.g

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
  Suggested Objectives: 3.c, 3.d

Continued
Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills
  Suggested Objectives: 1.d, 1.e

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
  Suggested Objectives: 3.a

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills
  Suggested Objectives: 1.a, 1.d, 1.e
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #25 Birds and Worms

Grade Level(s): K-6

SCIENCE COMPETENCIES

Competency: Kindergarten Life Science
Understand characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
  Suggested Objectives: 3.a

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
  Suggested Objectives: 1.e

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.c

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation
  Suggested Objectives: 1.d, 1.e

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.c

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry
  Suggested Objectives: 1.d

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
  Suggested Objectives: 3.c

Continued
Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills
  Suggested Objectives: 1.d

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
  Suggested Objectives: 3.a

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills
  Suggested Objectives: 1.e
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #26 Dynamic Duos
Grade Level(s): 5-8

SCIENCE COMPETENCIES

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
   Suggested Objectives: 3.a

Competency: Sixth Grade Life Science
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
   Suggested Objectives: 3.a

Competency: Seventh Grade Life Science
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
   Suggested Objectives: 3.e

Competency: Eighth Grade Life Science
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
   Suggested Objectives: 3.a
Activity: #27 Every Tree for Itself
Grade Level(s): K-8

SCIENCE COMPETENCIES

Competency: Kindergarten Life Science
Understand characteristics, structures, life cycles, and environments of organisms.
Suggested Objectives: 3.e

Competency: Kindergarten Earth and Space Science
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4.b, 4.e

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
Suggested Objectives: 3.e

Competency: First Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4.e

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
Suggested Objectives: 3.a, 3.c

Competency: Second Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4.d

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
Suggested Objectives: 3.c

Competency: Third Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Correlation Project Learning Tree/Science Framework

Suggested Objectives: 4.a

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
  Suggested Objectives: 3.c

Competency: Fourth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.d

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
  Suggested Objectives: 3.a

Competency: Fifth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.d

Competency: Sixth Grade Life Science
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
  Suggested Objectives: 3.a

Competency: Seventh Grade Life Science
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
  Suggested Objectives: 3.a, 3.e

Competency: Seventh Grade Earth and Space Science
Describe the properties and structure of the sun and the moon with respect to the Earth.
  Suggested Objectives: 4.d

Competency: Eighth Grade Life Science
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
  Suggested Objectives: 3.a
Activity: #28 Air Plants
Grade Level(s): 3-6

SCIENCE COMPETENCIES

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation
   Suggested Objectives: 1.c

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.c

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry.
   Suggested Objectives: 1.c

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
   Suggested Objectives: 3.c

Competency: Fourth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4.d

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills
   Suggested Objectives: 1.c

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
   Suggested Objectives: 3.a

Competency: Fifth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4.d

Continued
Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1.c

Competency: Sixth Grade Life Science
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
  Suggested Objectives: 3.a
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #29 Rain Reasons
Grade Level(s): 6-8

SCIENCE COMPETENCIES

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills
Suggested Objectives: 1.a, 1.d

Competency: Sixth Grade Life Science
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
Suggested Objectives: 3.a

Competency: Sixth Grade Earth and Space Science
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
Suggested Objectives: 4.c

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
Suggested Objectives: 1.a, 1.e

Competency: Seventh Grade Life Science
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
Suggested Objectives: 3.a, 3.e

Competency: Seventh Grade Earth and Space Science
Describe the properties and structure of the sun and the moon with respect to the Earth.
Suggested Objectives: 4.d

Competency: Eighth Grade Inquiry
Draw conclusions from scientific investigations including controlled experiments.
Suggested Objectives: 1.a
Correlation Project Learning Tree/Science Framework

Competency: Eighth Grade Life Science
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
  **Suggested Objectives:** 3.a

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**Activity:** #30 Three Cheers for Trees
**Grade Level(s):** 1-4

SCIENCE COMPETENCIES

**Competency: First Grade Inquiry**
Understand how to plan and carry out a simple scientific investigation.
  **Suggested Objectives:** 1.e

**Competency: Second Grade Inquiry**
Develop abilities necessary to conduct scientific investigations.
  **Suggested Objectives:** 1.a, 1.e

**Competency: Third Grade Inquiry**
Apply concepts involved in a scientific investigation
  **Suggested Objectives:** 1.a

**Competency: Fourth Grade Inquiry**
Explain and use skills necessary to conduct scientific inquiry
  **Suggested Objectives:** 1.d
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #31 Plant a Tree
Grade Level(s): 1-8

SCIENCE COMPETENCIES

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
  Suggested Objectives: 3.a, 3.e

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a, 3.c

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.c, 3.e

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
  Suggested Objectives: 3.c

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
  Suggested Objectives: 3.a

Competency: Sixth Grade Life Science
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
  Suggested Objectives: 3.a

Competency: Seventh Grade Life Science
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
  Suggested Objectives: 3.a, 3.e
Correlation Project Learning Tree/Science Framework

Competency: Eighth Grade Life Science
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.

Suggested Objectives: 3.a

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Activity: #32 A Forest of Many Uses
Grade Level(s): 1-8

SCIENCE COMPETENCIES

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.

Suggested Objectives: 1.a, 1.b

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.

Suggested Objectives: 3.a

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.

Suggested Objectives: 1.b

Competency: Second Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.

Suggested Objectives: 4.d

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation

Suggested Objectives: 1.a

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.

Suggested Objectives: 3.a, 3.c

Competency: Third Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4.d

**Competency: Fourth Grade Life Science**
Analyze the characteristics, structures, life cycles, and environments of organisms.

  Suggested Objectives: 3.a

**Competency: Fourth Grade Earth and Space Science**
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.

  Suggested Objectives: 4.d

**Competency: Fifth Grade Inquiry**
Develop and demonstrate an understanding of scientific inquiry using process skills.

  Suggested Objectives: 1.h

**Competency: Fifth Grade Life Science**
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.

  Suggested Objectives: 3.a

**Competency: Fifth Grade Earth and Space Science**
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.

  Suggested Objectives: 4.g

**Competency: Sixth Grade Earth and Space Science**
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.

  Suggested Objectives: 4.g

**Competency: Seventh Grade Earth and Space Science**
Describe the properties and structure of the sun and the moon with respect to the Earth.

  Suggested Objectives: 4.a

**Competency: Eighth Grade Earth and Space Science**
Describe the Earth’s system in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.

  Suggested Objectives: 4.d
Correlation Project Learning Tree/Science Framework

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Activity: ___ #33 Forest Consequences
Grade Level(s): ___ 6-8 ___

SCIENCE COMPETENCIES

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills
  Suggested Objectives: 1.h

Competency: Sixth Grade Earth and Space Science
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
  Suggested Objectives: 4.d, 4.g

Competency: Seventh Grade Earth and Space Science
Describe the properties and structure of the sun and the moon with respect to the Earth.
  Suggested Objectives: 4.g

Competency: Eighth Grade Inquiry
Draw conclusions from scientific investigations including controlled experiments.
  Suggested Objectives: 1.h

Competency: Eighth Grade Earth and Space Science
Describe the Earth’s system in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
  Suggested Objectives: 4.d
Activity: #34 Who Works in this Forest?
Grade Level(s): 3-6

SCIENCE COMPETENCIES

**Competency: Third Grade Life Science**
Describe the characteristics, structures, life cycles, and environments of organisms.
  **Suggested Objectives:** 3.c

**Competency: Fourth Grade Inquiry**
Explain and use skills necessary to conduct scientific inquiry
  **Suggested Objectives:** 1.f.

**Competency: Fourth Grade Life Science**
Analyze the characteristics, structures, life cycles, and environments of organisms
  **Suggested Objectives:** 3.c

**Competency: Fifth Grade Life Science**
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
  **Suggested Objectives:** 3.a

**Competency: Sixth Grade Life Science**
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
  **Suggested Objectives:** 3.a
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Activity: #35 Loving It Too Much
Grade Level(s): 6-8

SCIENCE COMPETENCIES

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills
   Suggested Objectives: 1.c, 1.d

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
   Suggested Objectives: 1.c, 1.d

Competency: Eighth Grade Inquiry
Draw conclusions from scientific investigations including controlled experiments.
   Suggested Objectives: 1.c
Activity: __#36 Pollution Search__
Grade Level(s): __K-6__

SCIENCE COMPETENCIES

**Competency: Kindergarten Inquiry**
Ask questions and find answers by scientific investigation.
   **Suggested Objectives:** 1.d

**Competency: First Grade Earth and Space Science**
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   **Suggested Objectives:** 4.d

**Competency: Second Grade Inquiry**
Develop abilities necessary to conduct scientific investigations.
   **Suggested Objectives:** 1.e

**Competency: Second Grade Earth and Space Science**
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   **Suggested Objectives:** 4.d

**Competency: Third Grade Inquiry**
Apply concepts involved in a scientific investigation
   **Suggested Objectives:** 1.e

**Competency: Third Grade Earth and Space Science**
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   **Suggested Objectives:** 4.d

**Competency: Fourth Grade Inquiry**
Explain and use skills necessary to conduct scientific inquiry
   **Suggested Objectives:** 1.e
Competency: Fourth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.

Suggested Objectives: 4.d

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills.

Suggested Objectives: 1.d, 1.e

Competency: Fifth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.

Suggested Objectives: 4.d, 4.g

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills

Suggested Objectives: 1.e

Competency: Sixth Grade Earth and Space Science
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.

Suggested Objectives: 4.d
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #37 Reduce, Reuse, Recycle
Grade Level(s): 5-8

SCIENCE COMPETENCIES

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills
Suggested Objectives: 1.a, 1.c, 1.d

Competency: Fifth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4.d, 4.g

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills.
Suggested Objectives: 1.a, 1.c, 1.e

Competency: Sixth Grade Earth and Space Science
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
Suggested Objectives: 4.d, 4.g

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
Suggested Objectives: 1.a, 1.c, 1.d

Competency: Seventh Grade Earth and Space Science
Describe the properties and structure of the sun and the moon with respect to the Earth.
Suggested Objectives: 4.g

Competency: Eighth Grade Inquiry
Draw conclusions from scientific investigations including controlled experiments.
Suggested Objectives: 1.a, 1.c

Competency: Eighth Grade Earth and Space Science
Correlation Project Learning Tree/Science Framework
Describe the Earth’s system in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.

**Suggested Objectives: 4.d**

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**Activity:** __#38 Every Drop Counts__

**Grade Level(s):** _4-8_

**SCIENCE COMPETENCIES**

**Competency: Fourth Grade Inquiry**
Explain and use skills necessary to conduct scientific inquiry

**Suggested Objectives: 1.a, 1.c, 1.d, 1.e**

**Competency: Fifth Grade Inquiry**
Develop and demonstrate an understanding of scientific inquiry using process skills

**Suggested Objectives: 1.a, 1.c, 1.d, 1.e**

**Competency: Fifth Grade Earth and Space Science**
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.

**Suggested Objectives: 4.g**

**Competency: Sixth Grade Inquiry**
Conduct a scientific investigation utilizing appropriate process skills

**Suggested Objectives: 1.a, 1.c, 1.e**

**Competency: Sixth Grade Earth and Space Science**
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.

**Suggested Objectives: 4.g**

**Competency: Seventh Grade Inquiry**
Design and conduct a scientific investigation utilizing appropriate process skills and technology.

**Suggested Objectives: 1.a, 1.c, 1.d**

**Competency: Seventh Grade Earth and Space Science**
Describe the properties and structure of the sun and the moon with respect to the Earth.

**Suggested Objectives: 4.g**

**Competency: Eighth Grade Inquiry**
Draw conclusions from scientific investigations including controlled experiments.
Correlation Project Learning Tree/Science Framework

Suggested Objectives: 1.a, 1.c

Competency: Eighth Grade Earth and Space Science
Describe the Earth’s system in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.

Suggested Objectives: 4.d

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Activity: __ #39 Energy Sleuths__
Grade Level(s): _K-8_

SCIENCE COMPETENCIES

Competency: Kindergarten Inquiry
Ask questions and find answers by scientific investigation.

Suggested Objectives: 1.e

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.

Suggested Objectives: 1.e

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.

Suggested Objectives: 3.c

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.

Suggested Objectives: 1.a

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation

Suggested Objectives: 1.d

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry

Suggested Objectives: 1.d, 1.e

Competency: Fourth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4.g

**Competency: Fifth Grade Inquiry**
Develop and demonstrate an understanding of scientific inquiry using process skills
  Suggested Objectives: 1.d, 1.e

**Competency: Fifth Grade Earth and Space Science**
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.d, 4.g

**Competency: Sixth Grade Inquiry**
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1.e

**Competency: Sixth Grade Physical Science**
Analyze chemical and physical changes and interactions involving energy and forces that affect motion of objects.
  Suggested Objectives: 2.d

**Competency: Sixth Grade Earth and Space Science**
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
  Suggested Objectives: 4.g

**Competency: Seventh Grade Inquiry**
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  Suggested Objectives: 1.d, 1.e

**Competency: Seventh Grade Physical Science**
Develop an understanding of chemical and physical changes, interactions involving energy, and forces that affect motion of objects.
  Suggested Objectives: 2.d

**Competency: Seventh Grade Earth and Space Science**
Describe the properties and structure of the sun and the moon with respect to the Earth.
  Suggested Objectives: 4.g

**Competency: Eighth Grade Inquiry**
Draw conclusions from scientific investigations including controlled experiments.
  Suggested Objectives: 1.
Competency: Eighth Grade Physical Science
Apply concepts relating to an understanding of chemical and physical changes, interactions involving energy, and forces that affect motion of objects.
   Suggested Objectives: 2.d

Competency: Eighth Grade Earth and Space Science
Describe the Earth’s system in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
   Suggested Objectives: 4.d

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Activity: #40 Then and Now
Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
   Suggested Objectives:3.a

Competency: Fifth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4.d

Competency: Sixth Grade Earth and Space Science
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
   Suggested Objectives: 4.g

Competency: Seventh Grade Earth and Space Science
Describe the properties and structure of the sun and the moon with respect to the Earth.
   Suggested Objectives: 4.g

Competency: Eighth Grade Earth and Space Science
Describe the Earth’s system in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
   Suggested Objectives: 4.d
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Activity: __#41 How Plants Grow__
Grade Level(s): _K-8_

SCIENCE COMPETENCIES

Competency: Kindergarten Life Science
Understand characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a

Competency: Kindergarten Earth and Space Science
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.e

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
  Suggested Objectives: 3.e

Competency: First Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.e

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.d

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.e

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry
  Suggested Objectives: 1.a, 1.c, 1.d, 1.e

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
Suggested Objectives: 3.c

**Competency: Fifth Grade Inquiry**
Develop and demonstrate an understanding of scientific inquiry using process skills
  
  **Suggested Objectives: 1.a, 1.c, 1.e**

**Competency: Fifth Grade Life Science**
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
  
  **Suggested Objectives: 3.a**

**Competency: Sixth Grade Inquiry**
Conduct a scientific investigation utilizing appropriate process skills
  
  **Suggested Objectives: 1.a, 1.c, 1.e**

**Competency: Seventh Grade Inquiry**
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  
  **Suggested Objectives: 1.a, 1.c, 1.d**

**Competency: Eighth Grade Inquiry**
Draw conclusions from scientific investigations including controlled experiments.
  
  **Suggested Objectives: 1.a, 1.c, 1.d**
Activity: #42 Sunlight and Shades of Green
Grade Level(s): 3-8

SCIENCE COMPETENCIES

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation
   Suggested Objectives: 1.a, 1.d

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.c

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry
   Suggested Objectives: 1.a

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
   Suggested Objectives: 3.c

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills
   Suggested Objectives: 1.a

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
   Suggested Objectives: 3.a

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills
   Suggested Objectives: 1.d

Competency: Sixth Grade Life Science

Correlation Project Learning Tree/Science Framework
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.

**Suggested Objectives:** 3.a

**Competency: Seventh Grade Inquiry**
Design and conduct a scientific investigation utilizing appropriate process skills and technology.

**Suggested Objectives:** 1.e

**Competency: Seventh Grade Life Science**
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.

**Suggested Objectives:** 3.a, 3.e

**Competency: Eighth Grade Inquiry**
Draw conclusions from scientific investigations including controlled experiments.

**Suggested Objectives:** 1.d

**Competency: Eighth Grade Life Science**
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.

**Suggested Objectives:** 3.e
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #43 Have Seeds, Will Travel
Grade Level(s): K-8

SCIENCE COMPETENCIES

Competency: Kindergarten Inquiry
Ask questions and find answers by scientific investigation.
  Suggested Objectives: 1.b

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.
  Suggested Objectives: 1.b

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
  Suggested Objectives: 1.b

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation
  Suggested Objectives: 1.b

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1.b

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a, 3.c, 3.d

Continued
Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
  Suggested Objectives: 3.a, 3.d

Competency: Sixth Grade Life Science
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
  Suggested Objectives: 3.b, 3.d

Competency: Seventh Grade Life Science
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
  Suggested Objectives: 3.d

Competency: Eighth Grade Life Science
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
  Suggested Objectives: 3.a
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #44 Water Wonders
Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry
  Suggested Objectives: 1.d

Competency: Fourth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.b

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1.e

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills
  Suggested Objectives: 1.e

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  Suggested Objectives: 1.e

Competency: Eighth Grade Inquiry
Draw conclusions from scientific investigations including controlled experiments.
  Suggested Objectives: 1.e
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #45 Web of Life
Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
   Suggested Objectives: 3.a, 3.c

Competency: Fourth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4.d

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
   Suggested Objectives: 3.a, 3.e

Competency: Fifth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4.d

Competency: Sixth Grade Life Science
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
   Suggested Objectives: 3.a, 3.e

Competency: Seventh Grade Life Science
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
   Suggested Objectives: 3.a

Competency: Eighth Grade Life Science
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
   Suggested Objectives: 3.a, 3.e
Activity: #46 Schoolyard Safari
Grade Level(s): K-5

SCIENCE COMPETENCIES

Competency: Kindergarten Inquiry
Ask questions and find answers by scientific investigation.
   Suggested Objectives: 1.c, 1.e

Competency: Kindergarten Life Science
Understand characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.e

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.
   Suggested Objectives: 1.c, 1.e

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
   Suggested Objectives: 3.f

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
   Suggested Objectives: 1.c

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
   Suggested Objectives: 3.a

Competency: Third Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
   Suggested Objectives: 1.c

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.a, 3.c, 3.e
Continued
Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry.
   Suggested Objectives: 1.c, 1.d

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3.a, 3.c

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills.
   Suggested Objectives: 1.c, 1.e

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.
   Suggested Objectives: 3.a
Activity: Are Vacant Lots Vacant?
Grade Level(s): K-8

SCIENCE COMPETENCIES

Competency: Kindergarten Inquiry
Ask questions and find answers by scientific investigation.
   Suggested Objectives: 1.a, 1.c, 1.e

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.
   Suggested Objectives: 1.a, 1.c, 1.e

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
   Suggested Objectives: 1.a, 1.c

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation.
   Suggested Objectives: 1.c

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry
   Suggested Objectives: 1.c, 1.d, 1.e

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
   Suggested Objectives: 3.a, 3.c, 3.d

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills
   Suggested Objectives: 1.c, 1.d, 1.e

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, and environments, evolution and diversity of organisms.
   Suggested Objectives: 3.a

Continued
Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills
  Suggested Objectives: 1.c, 1.e

Competency: Sixth Grade Life Science
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
  Suggested Objectives: 3.a

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  Suggested Objectives: 1.c

Competency: Seventh Grade Life Science
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
  Suggested Objectives: 3.a

Competency: Eighth Grade Inquiry
Draw conclusions from scientific investigations including controlled experiments.
  Suggested Objectives: 1.c

Competency: Eighth Grade Life Science
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
  Suggested Objectives: 3.a, 3.e
Activity: #48 Field, Forest, and Stream
Grade Level(s): 1-8

SCIENCE COMPETENCIES

Competency: First Grade Inquiry
Understand how to plan and carry out a simple scientific investigation.
  Suggested Objectives: 1.c, 1.e

Competency: First Grade Life Science
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
  Suggested Objectives: 3.a, 3.e

Competency: Second Grade Inquiry
Develop abilities necessary to conduct scientific investigations.
  Suggested Objectives: 1.c

Competency: Second Grade Life Science
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a, 3.d

Competency: Third Grade Inquiry
Apply concepts involved in a scientific investigation
  Suggested Objectives: 1.c

Competency: Third Grade Life Science
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3.a, 3.c

Competency: Fourth Grade Inquiry
Explain and use skills necessary to conduct scientific inquiry
  Suggested Objectives: 1.b, 1.c, 1.d, 1.e

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environments of organisms
  Suggested Objectives: 3.a, 3.c

Continued
Competency: Fourth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.d

Competency: Fifth Grade Inquiry
Develop and demonstrate an understanding of scientific inquiry using process skills
  Suggested Objectives: 1.c, 1.d, 1.e

Competency: Fifth Grade Life Science
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.
  Suggested Objectives: 3.a

Competency: Fifth Grade Earth and Space Science
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4.a

Competency: Sixth Grade Inquiry
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1.c, 1.e

Competency: Sixth Grade Life Science
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
  Suggested Objectives: 3.a

Competency: Sixth Grade Earth and Space Science
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
  Suggested Objectives: 4.c, 4.d

Competency: Seventh Grade Inquiry
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  Suggested Objectives: 1.c, 1.e

Competency: Seventh Grade Life Science
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
  Suggested Objectives: 3.e
Continued
**Competency: Seventh Grade Earth and Space Science**
Describe the properties and structure of the sun and the moon with respect to the Earth.
  Suggested Objectives: 4.a, 4.d

**Competency: Eighth Grade Inquiry**
Draw conclusions from scientific investigations including controlled experiments.
  Suggested Objectives: 1.c, 1.d

**Competency: Eighth Grade Life Science**
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
  Suggested Objectives: 3.a, 3.e

**Competency: Eighth Grade Earth and Space Science**
Describe the Earth’s system in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
  Suggested Objectives: 4.d
Activity: Tropical Treehouse
Grade Level(s): 3 – 6

SCIENCE COMPETENCIES

Competency: Third Grade LIFE SCIENCE
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3a, 3e

Competency: Third Grade EARTH AND SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4a, 4b

Competency: Fourth Grade EARTH AND SPACE SCIENCE
Develop and understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4d

Competency: Fifth Grade LIFE SCIENCE
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.
  Suggested Objectives: 3e

Competency: Sixth Grade EARTH AND SPACE SCIENCES
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
  Suggested Objectives: 4d, 4g
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Activity: #50 400-Acre Wood
Grade Level(s): 7-8

SCIENCE COMPETENCIES

Competency: Seventh Grade LIFE SCIENCE
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
  Suggested Objectives: 3a

Competency: Eighth Grade LIFE SCIENCE
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
  Suggested Objectives: 3e
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Activity: #51 Make Your Own Paper
Grade Level(s): K - 8

SCIENCE COMPETENCIES

Competency: First Grade EARTH AND SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4d

Competency: Second Grade EARTH AND SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4d

Competency: Third Grade EARTH AND SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4d

Competency: Fourth Grade EARTH AND SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4d

Competency: Fifth Grade EARTH AND SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4d

Competency: Seventh Grade EARTH AND SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth
   Suggested Objectives: 4a

Competency: Eighth Grade EARTH AND SPACE SCIENCE
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
   Suggested Objectives: 4d
Activity: #52 A Look at Aluminum
Grade Level(s): 5 - 8

SCIENCE COMPETENCIES

Competency: Fifth Grade EARTH AND SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4d

Competency: Sixth Grade EARTH AND SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
   Suggested Objectives: 4d

Competency: Seventh Grade EARTH AND SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth.
   Suggested Objectives: 4a

Competency: Eighth Grade EARTH AND SPACE SCIENCE
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
   Suggested Objectives: 4d
SCIENCE COMPETENCIES

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
   Suggested Objectives: 1g

Competency: Fifth grade PHYSICAL Science
Understand relationships of the properties of objects and materials, position and motion of objects, and transfer of energy to explain the physical world.
   Suggested Objectives: 2c, 2d

Competency: Sixth grade PHYSICAL SCIENCE
Analyze chemical and physical changes and interactions involving energy and forces that affect motion of objects.
   Suggested Objectives: 2c, 2d

Competency: Seventh grade PHYSICAL SCIENCE
Analyze chemical and physical changes and interactions involving energy and forces that affect motion of objects.
   Suggested Objectives: 2c, 2d

Variation
Activity: #53 On the Move
Grade Level(s): K-3

SCIENCE COMPETENCIES

Competency: Kindergarten INQUIRY
Ask questions and find answers by scientific investigation.
   Suggested Objectives: 1d, 1e

Competency: First Grade PHYSICAL SCIENCE
Develop an understanding of properties of objects and materials, position and motion of objects, and properties of heat and magnetism.
   Suggested Objectives: 2c
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Activity: #54 I’d Like to Visit A Place Where…
Grade Level(s): Part A K-3

PART A
SCIENCE COMPETENCIES

Competency: Second Grade LIFE SCIENCE
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
Suggested Objectives: 3c

Competency: Third Grade LIFE SCIENCE
Describe the characteristics, structures, life cycles, and environment of organisms.
Suggested Objectives: 3a, 3e

Competency: Third Grade EARCH AND SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4d

Grade Level(s): Part B & C 4-8

PART B & C
SCIENCE COMPETENCIES

Competency: Fourth Grade EARTH AND SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4d

Competency: Fifth Grade EARTH AND SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4d

Competency: Seventh Grade EARTH AND SPACE SCIENCE #4
Describe the properties and structure of the sun and the moon with respect to the Earth
Suggested Objectives: 4d
Activity: #55 Planning the Ideal Community
Grade Level(s): Activity 4th, 6th Variation K-3

SCIENCE COMPETENCIES

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1c, 1d, 1e

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills
  Suggested Objectives: 1a, 1Bb, 1h
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #57 Democracy in Action
Grade Level(s): 5-8

SCIENCE COMPETENCIES

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1a, 1f, 1g, 1h

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1a, 1g, 1h

Competency: Seventh Grade INQUIRY
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  Suggested Objectives: 1h
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Activity: #58 There Ought to Be a Law
Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.

  Suggested Objectives: 1a, 1f, 1g, 1h

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.

  Suggested Objectives: 1a, 1g, 1h

Competency: Seventh Grade INQUIRY
Design and conduct a scientific investigation utilizing appropriate process skills and technology.

  Suggested Objectives: 1h
Activity: #60 Publicize It!
Grade Level(s): 5-8

SCIENCE COMPETENCIES

Competency: Seventh Grade LIFE SCIENCE
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
  Suggested Objectives: 3a

Competency: Seventh Grade EARTH AND SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth.
  Suggested Objectives: 4a

Competency: Eighth Grade LIFE SCIENCE
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
  Suggested Objectives: 3e
Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #61 The Closer You Look
Grade Level(s): K-4

SCIENCE COMPETENCIES

Competency: Kindergarten INQUIRY
Ask questions and find answers by scientific investigation.
  Suggested Objectives: 1a, 1b, 1e

Competency: Kindergarten LIFE SCIENCE
Understand characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3a

Competency: First Grade INQUIRY
Understand how to plan and carry out a simple scientific investigation.
  Suggested Objectives: 1a, 1b, 1f

Competency: First Grade LIFE SCIENCE
Develop an understanding of the characteristics, structures, life cycles, interactions, and environment of organisms.
  Suggested Objectives: 3a, 3f

Competency: Second Grade INQUIRY
Develop abilities necessary to conduct scientific investigations.
  Suggested Objectives: 1a, 1b

Competency: Second Grade LIFE SCIENCE
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3a, 3e

Competency: Third Grade INQUIRY
Apply concepts involved in a scientific investigation.
  Suggested Objectives: 1a, 1b, 1d

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1g
Correlation Project Learning Tree/Science Framework

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Activity: #62 To Be a Tree
Grade Level(s): Pre K-4

SCIENCE COMPETENCIES

Competency: Kindergarten INQUIRY
Ask questions and find answers by scientific investigation.
  Suggested Objectives: 1a, 1d, 1e

Competency: Kindergarten LIFE SCIENCE
Understand characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3a

Competency: Kindergarten EARTH and SPACE SCIENCE
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4e

Competency: First Grade INQUIRY
Understand how to plan and carry out a simple scientific investigation.
  Suggested Objectives: 1e

Competency: First Grade LIFE SCIENCE
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
  Suggested Objectives: 3a, 3e, f

Competency: Second Grade LIFE SCIENCE
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environment of organisms.
  Suggested Objectives: 3a, 3c, 3e

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environment of organisms.
  Suggested Objectives: 3c, 3d
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity : #63 Tree Factory
Grade Level(s): Pre K-5

SCIENCE COMPETENCIES

Competency: Kindergarten LIFE SCIENCE
Understand characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3a, 3b, 3c

Competency: Kindergarten EARTH and SPACE SCIENCE
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4e

Competency: First Grade INQUIRY
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
  Suggested Objectives: 3a, 3b, 3c, 3e, 3f

Competency: Second Grade INQUIRY
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environment of organisms.
  Suggested Objectives: 3a, 3c, 3e

Competency: Third Grade INQUIRY
Describe the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3e

Competency: Fourth Grade INQUIRY
Analyze the characteristics, structures, life cycles, and environment of organisms.
  Suggested Objectives: 3c, 3d

Competency: Fifth Grade INQUIRY
Predict characteristics, structures, life cycles, environments, evolution, and diversity or organisms.
  Suggested Objectives: 3b
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity :  #64 Look at Leaves
Grade Level(s); K-4

SCIENCE COMPETENCIES

Competency: Kindergarten INQUIRY
Ask questions and find answers by scientific investigation.
  Suggested Objectives: 1a, 1d, 1e

Competency: Kindergarten LIFE SCIENCE
Understand characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3a

Competency: Kindergarten EARTH and SPACE SCIENCE
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4e

Competency: First Grade INQUIRY
Understand how to plan and carry out a simple scientific investigation.
  Suggested Objectives: 1e

Competency: First Grade LIFE SCIENCE
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
  Suggested Objectives: 3a

Competency: Second Grade LIFE SCIENCE
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environment of organisms.
  Suggested Objectives: 3a

Competency: Third Grade INQUIRY
Apply concepts involved in a scientific investigation.
  Suggested Objectives: 1b,1d, 1f

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1b, 1g
Correlation Project Learning Tree/Science Framework

Competency: Fourth Grade Life Science
Analyze the characteristics, structures, life cycles, and environment of organisms.
   Suggested Objectives: 3c, 3d

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #65 Bursting Buds
Grade Level(s): K-6

SCIENCE COMPETENCIES

Competency: Kindergarten INQUIRY
Ask questions and find answers by scientific investigation.
   Suggested Objectives: 1a, 1d, 1d

Competency: Kindergarten LIFE SCIENCE
Understand characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3a, 3e

Competency: Kindergarten EARTH and SPACE SCIENCE
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4e

Competency: First Grade INQUIRY
Understand how to plan and carry out a simple scientific investigation.
   Suggested Objectives: 1a, 1e

Competency: First Grade LIFE SCIENCE
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
   Suggested Objectives: 3a, 3e, 3f

Competency: Second Grade INQUIRY
Develop abilities necessary to conduct scientific investigations.
   Suggested Objectives: 1a, 1e

Competency: Second Grade LIFE SCIENCE
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environment of organisms.
   Suggested Objectives: 3a, 3c, 3e
Competency: Third Grade INQUIRY
Apply concepts involved in a scientific investigation.
  Suggested Objectives: 1a, 1d, 1e, 1f

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1b, 1e, 1g

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environment of organisms.
  Suggested Objectives: 3c, 3d

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1e, 1g, 1h

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1b, 1d, 1e, 1h

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural human-made pressures that impact the environment.
  Suggested Objectives: 3b
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #66 Germinating Giants
Grade Level(s): 4-6

SCIENCE COMPETENCIES

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1b, 1g, 1c

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environment of organisms.
  Suggested Objectives: 3c, 3d, 3e

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1a, 1b, 1g, 1h

Competency: Fifth Grade LIFE SCIENCE
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.
  Suggested Objectives: 3a, 3d

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1a, 1b, 1d, 1h

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural human-made pressures that impact the environment.
  Suggested Objectives: 3b, 3d
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #67 How Big is Your Tree?
Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1a, 1b, 1g

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environment of organisms.
  Suggested Objectives: 3a, 3c

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1a, 1b, 1g, 1h

Competency: Fifth Grade LIFE SCIENCE
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.
  Suggested Objectives: 3a

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1a, 1b, 1d

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural human-made pressures that impact the environment.
  Suggested Objectives: 3a
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #68 Name That Tree
Grade Level(s): 2nd - 7th

SCIENCE COMPETENCIES

Competency: Second Grade INQUIRY
Develop abilities necessary to conduct scientific investigations.
  Suggested Objectives: 1a, 1b

Competency: Second Grade LIFE SCIENCE
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environment of organisms.
  Suggested Objectives: 3a, 3c, 3e

Competency: Third Grade INQUIRY
Apply concepts involved in a scientific investigation.
  Suggested Objectives: 1a, 1b, 1d, 1f

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1b, 1g

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environment of organisms.
  Suggested Objectives: 3c, 3d

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1b, 1g, 1h

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1b, 1d, 1h

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural human-made pressures that impact the environment.
Suggested Objectives: 3b

**Competency: Seventh Grade INQUIRY**
Design and conduct a scientific investigation utilizing appropriate process skills and technology.

**Suggested Objectives:** 1b, 1h

**Competency: Seventh Grade LIFE SCIENCE**
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.

**Suggested Objectives:** 3e
Activity: #69 Forest For the Trees
Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
   Suggested Objectives: 1a, 1g

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environment of organisms.
   Suggested Objectives: 3a, 3c

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.
   Suggested Objectives: 1a, 1b, 1g, 1h

Competency: Fifth Grade LIFE SCIENCE
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.
   Suggested Objectives: 3a

Competency: Fifth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4d

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.
   Suggested Objectives: 1a, 1b, 1h

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural human-made pressures that impact the environment.
   Suggested Objectives: 3a
Correlation Project Learning Tree/Science Framework

**Competency: Seventh Grade INQUIRY**
Design and conduct a scientific investigation utilizing appropriate process skills and technology.

**Suggested Objectives:** 1b, 1h

**Competency: Seventh Grade LIFE SCIENCE**
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.

**Suggested Objectives:** 3a

**Competency: Eighth Grade LIFE SCIENCE**
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.

**Suggested Objectives:** 3e
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #70 Soil Stories
Grade Level(s): A K-4 B 5-8

SCIENCE COMPETENCIES

Competency: Kindergarten INQUIRY
Ask questions and find answers by scientific investigation.
   Suggested Objectives: 1a, 1b, 1f

Competency: Kindergarten LIFE SCIENCE
Understand characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 1a, 1b, 1f

Competency: Kindergarten EARTH and SPACE SCIENCE
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4a, 4e

Competency: First Grade INQUIRY
Understand how to plan and carry out a simple scientific investigation.
   Suggested Objectives: 1a, 1b, 1f

Competency: First Grade LIFE SCIENCE
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
   Suggested Objectives: 3a, 3e

Competency: First Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4a

Competency: Second Grade INQUIRY
Develop abilities necessary to conduct scientific investigations.
   Suggested Objectives: 1a, 1b, 1f

Competency: Second Grade LIFE SCIENCE
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environment of organisms.
Correlation Project Learning Tree/Science Framework

**Competency: Second Grade EARTH and SPACE SCIENCE**
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  - **Suggested Objectives:** 4a, 4d

**Competency: Third Grade INQUIRY**
Apply concepts involved in a scientific investigation.
  - **Suggested Objectives:** 1a, 1b, 1d, 1f

**Competency: Third Grade LIFE SCIENCE**
Describe the characteristics, structures, life cycles, and environments of organisms.
  - **Suggested Objectives:** 3c

**Competency: Third Grade EARTH and SPACE SCIENCE**
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  - **Suggested Objectives:** 4a, 4d

**Competency: Fourth Grade INQUIRY**
Explain and use skills necessary to conduct scientific inquiry.
  - **Suggested Objectives:** 1b, 1g

**Competency: Fourth Grade LIFE SCIENCE**
Analyze the characteristics, structures, life cycles, and environment of organisms.
  - **Suggested Objectives:** 3c

**Competency: Fourth Grade EARTH and SPACE SCIENCE**
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  - **Suggested Objectives:** 4a, 4d

**Competency: Sixth Grade INQUIRY**
Conduct a scientific investigation utilizing appropriate process skills.
  - **Suggested Objectives:** 1a, 1d, 1f, 1h

**Competency: Sixth Grade EARTH and SPACE SCIENCE**
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
  - **Suggested Objectives:** 4g
Correlation Project Learning Tree/Science Framework

Competency: Seventh Grade INQUIRY
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
   Suggested Objectives: 1a, 1b, 1h

Competency: Seventh Grade EARTH and SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth.
   Suggested Objectives: 4a

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #71 Watch on Wetlands
Grade Level(s): 7-8

SCIENCE COMPETENCIES

Competency: Seventh Grade INQUIRY
Design and conduct a scientific investigation utilizing appropriate process skill and technology.
   Suggested Objectives: 1a, 1b, 1c, 1d

Competency: Seventh Grade LIFE SCIENCE
Distinguish the characteristics of living things and explain the interdependency between the form and function using the systems of the human organism to illustrate this relationship.
   Suggested Objectives: 3a

Competency: Seventh Grade EARTH and SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth.
   Suggested Objectives: 4a, 4g

Competency: Eighth Grade INQUIRY
Draw conclusions from scientific investigations including controlled experiments.
   Suggested Objectives: 1a, 1b, 1c, 1d

Competency: Eighth Grade LIFE SCIENCE
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
   Suggested Objectives: 3e

Competency: Eighth Grade EARTH and SPACE SCIENCE
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.

**Suggested Objectives:** 4d

**Project Learning Tree Pre K-8 Environmental Education Activity Guide**

**Activity:** #72  Air We Breathe  
**Grade Level(s):** 6-8

**SCIENCE COMPETENCIES**

**Competency: Sixth Grade INQUIRY**  
Conduct a scientific investigation utilizing appropriate process skills.  
**Suggested Objectives:** 1b, 1h

**Competency: Sixth Grade PHYSICAL SCIENCE**  
Analyze chemical and physical changes and interactions involving energy and forces that affect motion of objects.  
**Suggested Objectives:** 2g

**Competency: Sixth Grade EARTH and SPACE SCIENCE**  
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.  
**Suggested Objectives:** 4d

**Competency: Seventh Grade INQUIRY**  
Design and conduct a scientific investigation utilizing appropriate process skills and technology.  
**Suggested Objectives:** 1a, 1b, 1c, 1h

**Competency: Seventh Grade LIFE SCIENCE**  
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.  
**Suggested Objectives:** 3b

**Competency: Eighth Grade INQUIRY**  
Draw conclusions from scientific investigations including controlled experiments.  
**Suggested Objectives:** 1a, 1b, 1c, 1d

**Competency: Eighth Grade LIFE SCIENCE**  
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.  
**Suggested Objectives:** 3c
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #73 Waste Watchers
Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1a, 1c, 1g

Competency: Fourth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4g

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1a, 1b, 1c, 1h

Competency: Fifth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4d, 4g

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1a, 1b, 1c, 1h

Competency: Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
  Suggested Objectives: 4d, 4g

Competency: Seventh Grade INQUIRY
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  Suggested Objectives: 1a, 1b, 1c, 1h
Continued
Correlation Project Learning Tree/Science Framework

Competency: Seventh Grade EARTH and SPACE SCIENCE
Describe the properties of structure of the sun and the moon with respect to the Earth.
  
  **Suggested Objectives:** 4a, 4g

Competency: Eighth Grade INQUIRY
Draw conclusions from scientific investigations including controlled experiments.
  
  **Suggested Objectives:** 1a, 1b, 1c, 1h

Competency: Eighth Grade EARTH and SPACE SCIENCE
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
  
  **Suggested Objectives:** 4d
Activity: #75 Tipi Talk
Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1g

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3c

Competency: Fourth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4e

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1h

Competency: Fifth Grade LIFE SCIENCE
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.
  Suggested Objectives: 3e

Competency: Fifth Grade Earth and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4c

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1h
Correlation Project Learning Tree/Science Framework

Competency: Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.

Suggested Objectives: 4c

Competency: Seventh Grade INQUIRY
Design and conduct a scientific investigation utilizing appropriate process skills and technology.

Suggested Objectives: 1h

Competency: Seventh Grade EARTH and SPACE SCIENCE
Describe the properties of structure of the sun and the moon with respect to the Earth.

Suggested Objectives: 4a, 4g

Competency: Eighth Grade INQUIRY
Draw conclusions from scientific investigations including controlled experiments.

Suggested Objectives: 1h

Competency: Eighth Grade LIFE SCIENCE
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.

Suggested Objectives: 3e
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #76 Tree Cookies
Grade Level(s): 3-8 Variation: 1-3

SCIENCE COMPETENCIES

Competency: Kindergarten LIFE SCIENCE
Understand characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3a, 3e

Competency: Kindergarten EARTH and SPACE SCIENCE
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4e

Competency: First Grade LIFE SCIENCE
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
   Suggested Objectives: 3a, 3e, 3f

Competency: Second Grade LIFE SCIENCE
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environment of organisms.
   Suggested Objectives: 3a, 3c

Competency: Third Grade LIFE SCIENCE
Describe the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3c, 3e

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environment of organisms.
   Suggested Objectives: 3a, 3c, 3d

Competency: Fifth Grade LIFE SCIENCE
Predict characteristics, structures, life cycles, environments, evolution, and diversity or organisms.
   Suggested Objectives: 3a
Activity: #77 Trees In Trouble
Grade Level(s): Part A: 1-8 Part B: 4-8

SCIENCE COMPETENCIES

Competency: Kindergarten LIFE SCIENCE
Understand characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3a, 3e

Competency: Kindergarten EARTH and SPACE SCIENCE
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4e

Competency: First Grade INQUIRY
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
   Suggested Objectives: 3a, 3e, 3f

Competency: Second Grade INQUIRY
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environment of organisms.
   Suggested Objectives: 3a, 3c

Competency: Third Grade INQUIRY
Describe the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3c, 3e

Competency: Fourth Grade INQUIRY
Analyze the characteristics, structures, life cycles, and environment of organisms.
   Suggested Objectives: 3a, 3b, 3c, 3d

Competency: Fifth Grade INQUIRY
Predict characteristics, structures, life cycles, environments, evolution, and diversity or organisms.
   Suggested Objectives: 3a, 3b

Continued
Competency: Sixth Grade INQUIRY
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
   Suggested Objectives: 3a, 3b, 3c

Project Learning Tree   Pre K-8 Environmental Education Activity Guide

Activity :   #78 Signs of Fall
Grade Level(s):       Part A: K-5  Part B: 3-6

SCIENCE COMPETENCIES

Competency: Kindergarten LIFE SCIENCE
Understand characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3a, 3e

Competency: Kindergarten EARTH and SPACE SCIENCE
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4e, 4f

Competency: First Grade LIFE SCIENCE
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
   Suggested Objectives: 3a, 3e

Competency: First Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4e, 4g

Competency: Second Grade LIFE SCIENCE
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3a, 3c

Competency: Second Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4f
Competency: Third Grade LIFE SCIENCE
Describe the characteristics, structures, life cycles, and environment of organisms.
  **Suggested Objectives:** 3a

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environment of organisms.
  **Suggested Objectives:** 3a, 3c

Project Learning Tree Pre K-8 Environmental Education Activity Guide

**Activity:** #79 Tree Lifecycle
**Grade Level(s):** 3-6 Variation Pre k -2

**SCIENCE COMPETENCIES**

Competency: Second Grade LIFE SCIENCE
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environment of organisms.
  **Suggested Objectives:** 3a, 3c ,3d ,3e

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environment of organisms.
  **Suggested Objectives:** 3a, 3c, 3e

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural human-made pressures that impact the environment.
  **Suggested Objectives:** 3a, 3b
Activity: #80 Nothing Succeeds Like Succession
Grade Level(s): Part A 3-6 Part B 4-8

SCIENCE COMPETENCIES

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1g

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environments of organisms.
  Suggested Objectives: 3a, 3c

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1h

Competency: Fifth Grade LIFE SCIENCE
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.
  Suggested Objectives: 3a, 3e

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1h

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
  Suggested Objectives: 3b

Competency: Seventh Grade INQUIRY
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  Suggested Objectives: 1h

Competency: Seventh Grade LIFE SCIENCE
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
Correlation Project Learning Tree/Science Framework

Suggested Objectives: 3a

Competency: Eighth Grade INQUIRY
Draw conclusions from scientific investigations including controlled experiments.

Suggested Objectives: 1h

Competency: Eighth Grade LIFE SCIENCE
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.

Suggested Objectives: 3a, 3e
Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide
Activity: #81 Living with Fire
Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fifth Grade PHYSICAL SCIENCE
Understand relationships of the properties of objects and materials, position and motion of objects, and transfer of energy to explain the physical world.
   Suggested Objectives: 2b

Competency: Fifth Grade LIFE SCIENCE
Predict characteristics, structures, life cycles, environments, evolution, and diversity or organisms.
   Suggested Objectives: 3a

Competency: Fifth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes Earth and sky.
   Suggested Objectives: 4c

Competency: Sixth Grade PHYSICAL SCIENCE
Analyze chemical and physical changes and interactions involving energy and forces that affect motion of objects.
   Suggested Objectives: 2b

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
   Suggested Objectives: 3a

Competency: Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
   Suggested Objectives: 4c, 4d
Correlation Project Learning Tree/Science Framework

**Competency: Seventh Grade LIFE SCIENCE**
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.

**Suggested Objectives:** 3a

**Competency: Seventh Grade EARTH and SPACE SCIENCE**
Describe the properties and structure of the sun and the moon with respect to the Earth.

**Suggested Objectives:** 4d

**Competency: Eighth Grade LIFE SCIENCE**
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.

**Suggested Objectives:** 3e

**Competency: Sixth Grade EARTH and SPACE SCIENCE**
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.

**Suggested Objectives:** 4g

**Competency: Seventh Grade EARTH and SPACE SCIENCE**
Describe the properties and structure of the sun and the moon with respect to the Earth.

**Suggested Objectives:** 4a, 4g
Activity: #86 Our Changing World
Grade Level(s): 5-8

SCIENCE COMPETENCIES

**Competency: Fifth Grade INQUIRY**
Develop and demonstrate an understanding of scientific inquiry using process skills.

  Suggested Objectives: 1f

**Competency: Fifth Grade LIFE SCIENCE**
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.

  Suggested Objectives: 3c

**Competency: Fifth Grade EARTH and SPACE SCIENCE**
Develop an understanding of the properties of Earth materials, objects in the sky, and changes Earth and sky.

  Suggested Objectives: 4d, 4g

**Competency: Sixth Grade INQUIRY**
Conduct a scientific investigation utilizing appropriate process skills.

  Suggested Objectives: 1f, 1h

**Competency: Sixth Grade EARTH and SPACE SCIENCE**
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.

  Suggested Objectives: 4d, 4g

**Competency: Seventh Grade INQUIRY**
Design and conduct a scientific investigation utilizing appropriate process skills and technology.

  Suggested Objectives: 1h

**Competency: Seventh Grade EARTH and SPACE SCIENCE**
Describe the properties and structure of the sun and the moon with respect to the Earth.

  Suggested Objectives: 4a, 4d, 4g
Competency: Eighth Grade INQUIRY
Draw conclusions from scientific investigations including controlled experiments.
   Suggested Objectives: 1h

Competency: Eighth Grade EARTH and SPACE SCIENCE
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
   Suggested Objectives: 4d, 4g

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #87 Earth Manners
Grade Level(s): Pre K-4

SCIENCE COMPETENCIES

Competency: Kindergarten INQUIRY
Ask questions and find answers by scientific investigation.
   Suggested Objectives: 1a

Competency: Kindergarten LIFE SCIENCE
Understand characteristics, structures, life cycles, and environments of organisms.
   Suggested Objectives: 3a, 3e

Competency: Kindergarten EARTH and SPACE SCIENCE
Understand properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4e

Competency: First Grade INQUIRY
Understand how to plan and carry out a simple scientific investigation.
   Suggested Objectives: 1a, 1b, 1e

Competency: First Grade LIFE SCIENCE
Develop an understanding of the characteristics, structures, life cycles, interactions, and environments of organisms.
   Suggested Objectives: 3a, 3e

Competency: First Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4d
Competency: Second Grade INQUIRY
Develop abilities necessary to conduct scientific investigations.
   **Suggested Objectives:** 1a, 1b, 1e

Competency: Second Grade LIFE SCIENCE
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environment of organisms.
   **Suggested Objectives:** 3a, 3c

Competency: Second Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   **Suggested Objectives:** 4d

Competency: Third Grade INQUIRY
Apply concepts involved in a scientific investigation.
   **Suggested Objectives:** 1a, 1b, 1e

Competency: Third Grade LIFE SCIENCE
Describe the characteristics, structures, life cycles, and environments of organisms.
   **Suggested Objectives:** 3c

Competency: Third Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   **Suggested Objectives:** 4d

Competency: Fourth Grade INQUIRY
Explain and use skills necessary to conduct scientific inquiry.
   **Suggested Objectives:** 1b, 1g

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environment of organisms.
   **Suggested Objectives:** 3c

Competency: Fourth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   **Suggested Objectives:** 4d
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #88 Life on the Edge
Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environment of organisms.
  Suggested Objectives: 3a, 3c

Competency: Fourth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4d

Competency: Fifth Grade LIFE SCIENCE
Predict characteristics, structures, life cycles, environments, evolution, and diversity of organisms.
  Suggested Objectives: 3a, 3e

Competency: Fifth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4d

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural human-made pressures that impact the environment.
  Suggested Objectives: 3a

Competency: Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
  Suggested Objectives: 4d

Competency: Seventh Grade LIFE SCIENCE
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
  Suggested Objectives: 3a
Competency: Seventh Grade EARTH and SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth.
  Suggested Objectives: 4d

Competency: Eighth Grade LIFE SCIENCE
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
  Suggested Objectives: 3a, 3e
Activity: #89 Trees for Many Reasons
Grade Level(s): Part A 2-6 Part B 6-8

SCIENCE COMPETENCIES

Competency: Second Grade INQUIRY
Develop and demonstrate an understanding of the characteristics, structures, life cycles, and environment of organisms.
Suggested Objectives: 3c

Competency: Second Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4d

Competency: Third Grade LIFE SCIENCE
Describe the characteristics, structures, life cycles, and environments of organisms.
Suggested Objectives: 3c, 3e

Competency: Third Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4d

Competency: Fourth Grade LIFE SCIENCE
Analyze the characteristics, structures, life cycles, and environment of organisms.
Suggested Objectives: 3a, 3c

Competency: Fourth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
Suggested Objectives: 4d

Competency: Fifth Grade LIFE SCIENCE
Predict characteristics, structures, life cycles, environments, evolution, and diversity or organisms.
Suggested Objectives: 3a
Correlation Project Learning Tree/Science Framework

Competency: Fifth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4d

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural and human-made pressures that impact the environment.
   Suggested Objectives: 3a
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: Native Ways
Grade Level(s): 4-8

SCIENCE COMPETENCIES

Competency: Fourth Grade
Explain and use skills necessary to conduct scientific inquiry.
  Suggested Objectives: 1g

Competency: Fourth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4e

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1h

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1h

Competency: Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
  Suggested Objectives: 4c

Competency: Seventh Grade INQUIRY
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  Suggested Objectives: 1h
Activity: #91 In the Good Old Days
Grade Level(s): 6-8

SCIENCE COMPETENCIES

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural human-made pressures that impact the environment.

  Suggested Objectives: 3a

Competency: Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.

  Suggested Objectives: 4d

Competency: Seventh Grade LIFE SCIENCE
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.

  Suggested Objectives: 3a

Competency: Seventh Grade EARTH AND SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth.

  Suggested Objectives: 4g

Competency: Eighth Grade LIFE SCIENCE
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.

  Suggested Objectives: 3a

Competency: Eighth Grade EARTH and SPACE SCIENCE
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.

  Suggested Objectives: 4d
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #92 A Look at Lifestyles
Grade Level(s): 5-8

SCIENCE COMPETENCIES

Competency: Fifth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4d

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural human-made pressures that impact the environment.
   Suggested Objectives: 3a

Competency: Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
   Suggested Objectives: 4d

Competency: Seventh Grade LIFE SCIENCE
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
   Suggested Objectives: 3a

Competency: Seventh Grade EARTH and SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth.
   Suggested Objectives: 4d

Competency: Eighth Grade LIFE SCIENCE
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
   Suggested Objectives: 3a, 3e

Competency: Eighth Grade EARTH and SPACE SCIENCE
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
   Suggested Objectives: 4d, 4g
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #93 Paper Civilizations
Grade Level(s): 5-8

SCIENCE COMPETENCIES

Competency: Fifth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
   Suggested Objectives: 4d

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural human-made pressures that impact the environment.
   Suggested Objectives: 3a

Competency: Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
   Suggested Objectives: 4d

Competency: Seventh Grade EARTH and SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth.
   Suggested Objectives: 4d

Competency: Eighth Grade EARTH and SPACE SCIENCE
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
   Suggested Objectives: 4d, 4g
Activity: #94 By the Rivers of Babylon
Grade Level(s): 6-8

SCIENCE COMPETENCIES

Competency: Sixth Grade LIFE SCIENCE
Explain the organization of living things, the flow of matter and energy through ecosystems, the diversity and interactions among populations, and the natural human-made pressures that impact the environment.
   Suggested Objectives: 3a, 3c

Competency: Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
   Suggested Objectives: 4g

Competency: Seventh Grade LIFE SCIENCE
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.
   Suggested Objectives: 3a, 3c

Competency: Seventh Grade EARTH and SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth.
   Suggested Objectives: 4Dd, 4g

Competency: Eighth Grade LIFE SCIENCE
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.
   Suggested Objectives: 3a, 3e

Competency: Eighth Grade EARTH and SPACE SCIENCE
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
   Suggested Objectives: 4d, 4g
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #95 Did You Notice?
Grade Level(s): K-8 Part B 3-8

SCIENCE COMPETENCIES

Competency: Second Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4d, 4e

Competency: Third Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4d, 4g

Competency: Fourth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4d, 4e

Competency: Fifth Grade LIFE SCIENCE
Predict characteristics, structures, life cycles, environments, evolution, and diversity or organisms.
  Suggested Objectives: 3c

Competency: Fifth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.
  Suggested Objectives: 4d, 4e

Competency: Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
  Suggested Objectives: 4e
Competency: Seventh Grade LIFE SCIENCE
Distinguish the characteristics of living things and explain the interdependency between form and function using the systems of the human organism to illustrate this relationship.

Suggested Objectives: 3a, 3c

Competency: Seventh Grade EARTH and SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth.

Suggested Objectives: 4b, 4d, 4f

Competency: Eighth Grade LIFE SCIENCE
Compare and contrast the structure and functions of the cell, levels of organization of living things, basis of heredity, and adaptations that explain variations in populations.

Suggested Objectives: 3e

Competency: Eighth Grade EARTH and SPACE SCIENCE
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.

Suggested Objectives: 4d, 4e, 4g
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #96 Improve Your Place
Grade Level(s): 5-8

SCIENCE COMPETENCIES

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1f

Competency: Fifth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes Earth and sky.
  Suggested Objectives: 4d, 4g

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1f, 1h

Competency: Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
  Suggested Objectives: 4d, 4g

Competency: Seventh Grade INQUIRY
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  Suggested Objectives: 1h

Competency: Seventh Grade EARTH and SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth.
  Suggested Objectives: 4d, 4g

Competency: Eighth Grade INQUIRY
Draw conclusions from scientific investigations including controlled experiments.
  Suggested Objectives: 1h

Competency: Eighth Grade EARTH and SPACE SCIENCE
Correlation Project Learning Tree/Science Framework

Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.

**Suggested Objectives:** 4d, 4g

Project Learning Tree Pre K-8 Environmental Education Activity Guide

**Activity:** #82 Resource-Go-Round
**Grade Level(s):** 4-8

SCIENCE COMPETENCIES

**Competency:** Fourth Grade LIFE SCIENCE
Use the properties of objects and materials, position and motion of objects, and transfer of energy to develop pan understanding of physical science concepts.

**Suggested Objectives:** 2d

**Competency:** Fourth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.

**Suggested Objectives:** 4g

**Competency:** Fifth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes in Earth and sky.

**Suggested Objectives:** 4g

**Competency:** Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.

**Suggested Objectives:** 4g
Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #83 A Peek at Packaging
Grade Level(s): 5-8

SCIENCE COMPETENCIES

Competency: Fifth Grade INQUIRY
Develop and demonstrate an understanding of scientific inquiry using process skills.
  Suggested Objectives: 1f

Competency: Fifth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes Earth and sky.
  Suggested Objectives: 4d

Competency: Sixth Grade INQUIRY
Conduct a scientific investigation utilizing appropriate process skills.
  Suggested Objectives: 1f

Competency: Sixth Grade EARTH and SPACE SCIENCE
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.
  Suggested Objectives: 4d

Competency: Seventh Grade INQUIRY
Design and conduct a scientific investigation utilizing appropriate process skills and technology.
  Suggested Objectives: 1f

Competency: Seventh Grade EARTH and SPACE SCIENCE
Describe the properties and structure of the sun and the moon with respect to the Earth.
  Suggested Objectives: 4d

Competency: Eighth Grade EARTH and SPACE SCIENCE
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.
  Suggested Objectives: 4d
Activity: #84 The Global Climate  
Grade Level(s): 6-8  

SCIENCE COMPETENCIES  

Competency: Sixth Grade LIFE SCIENCE  
Analyze chemical and physical changes and interactions involving energy and forces that affect motion of objects.  
Suggested Objectives: 2g  

Competency: Sixth Grade EARTH and SPACE SCIENCE  
Establish connections among Earth’s layers including the lithosphere, hydrosphere, and atmosphere.  
Suggested Objectives: 4c, 4d, 4g  

Competency: Seventh Grade EARTH and SPACE SCIENCE  
Describe the properties and structure of the sun and the moon with respect to the Earth.  
Suggested Objectives: 4c, 4d, 4g  

Competency: Eighth Grade EARTH and SPACE SCIENCE  
Describe the Earth’s System in terms of its position to objects in the universe, structure and composition, climate, and renewable and nonrenewable resources.  
Suggested Objectives: 4c, 4d
Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #85 In the Driver’s Seat
Grade Level(s): 5-8

SCIENCE COMPETENCIES

Competency: Fifth Grade LIFE SCIENCE
Understand relationships of the properties of objects and materials, position and motion of objects, and transfer of energy to explain the physical world.
  Suggested Objectives: 2b, 2f

Competency: Fifth Grade EARTH and SPACE SCIENCE
Develop an understanding of the properties of Earth materials, objects in the sky, and changes Earth and sky.
  Suggested Objectives: 4a, 4g

Competency: Sixth Grade LIFE SCIENCE
Analyze chemical and physical changes and interactions involving energy and forces that affect motion of objects.
  Suggested Objectives: 2b

END OF PLT/MATH CURRICULUM CORRELATION
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## Mississippi PLT Correlation Document

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| 16 Pass the Plants, Please | K-3A | 1st - 3A | 2nd - 3A | 3rd - 1D; 3A | 4th - 1E; 3C | 5th - 1D | 6th - 1E | 7th - 1D | 8th - 1D |
| 17 People of the Forest | K-1D | 1st - 1A | 2nd - 1A | 3rd - 1A | 4th - 1A | 5th - 1H | 6th - 1H | 3rd - 5A | 4th - 5A, C | 5th - 5B | 6th - 5A, C | 7th - 5C | 8th - 5A |
| 18 Tale of the Sun | K-1I | 1st - 1I | 2nd - 1I | 4th - 1G, H; 2B, C, D; 3C; 4A, B, C | 5th - 1B, D, F, G; 2A; 3A, C; 4A, B, C | 6th - 1B, D, F, G; 2A; 3A, C; 4A, B, C | 7th - 1B, D, F, G; 2A; 3A, C; 4A, B, C | 8th - 1B, D, F, G; 2A; 3A, C; 4A, B, C |
| 19 Viewpoints on the Line | 6th - 1G, H | 7th - 1B, G | 8th - 1E, H |
| 20 Environmental Exchange Box | K-1B, 4B | 1st - 1B, 4A | 2nd - 1A, 4A | 3rd - 1B, 3A | 4th - 1B, 3A,C | 5th - 3A, 4A | 6th - 4C | 7th - 3A, 4A | 8th - 3A |
| 21 Adopt a Tree | K-1B, E | 3rd - 4A | K-1E, G, H; 3A, b; 4C |</p>
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<td>54. I’d Like to Visit a</td>
<td>2nd- 3C</td>
<td></td>
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<tr>
<td>Place Where</td>
<td>3rd- 3A,E 4D</td>
<td>4th- 4D</td>
<td>5th- 4D</td>
<td>7th- 4D</td>
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<tr>
<td>55. Planning the Ideal Community</td>
<td>4th- 1C,D,E</td>
<td>6th- 1A,B,H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>56. We Can Work it Out</td>
<td>5th- 2E, 3E,F</td>
<td>7th- 2B, 3C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>57. Democracy in Action</td>
<td>5th- 1A,F,G,H</td>
<td>6th- 1A,G,H</td>
<td>7th- 1H,</td>
<td></td>
</tr>
<tr>
<td>58. There Ought to Be a Law</td>
<td>5th- 1A,F,G,H</td>
<td>6th- 1A,G,H</td>
<td>7th- 1H,</td>
<td></td>
</tr>
<tr>
<td>60. Publicize It!</td>
<td>7th- 3A; 4A</td>
<td>8th- 3E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>61. The closer You Look</td>
<td>K- 1A, B, E; 3A</td>
<td>1st- 1A, B, F; 3A, 3F</td>
<td>2nd- 1A, B; 3A, 3E</td>
<td>3rd- 1A, B, D</td>
</tr>
<tr>
<td>62. To Be a Tree</td>
<td>K- 1A, 1D, 1E; 3A; 4E</td>
<td>1st- 1E; 3A, E, F</td>
<td>2nd- 3A,C,E</td>
<td>4th- 3C,D</td>
</tr>
<tr>
<td>63. Tree Factory</td>
<td>K- 3A,B,C; 4E</td>
<td>1st- 3A,B,C,E,F</td>
<td>2nd- 3A,C,E</td>
<td>3rd- 3E</td>
</tr>
<tr>
<td>64. Looking at Leaves</td>
<td>K- 1A,D,E; 3A; 4E</td>
<td>1st- 1E; 3A</td>
<td>2nd- 3A</td>
<td>3rd- 1B,D,F</td>
</tr>
<tr>
<td>66. Germinating Giants</td>
<td>4th- 1B,G; 3C,D,E</td>
<td>5th- 1A,B,G,H; 3A,D</td>
<td>6th- 1A,B,D,H; 3B,D</td>
<td></td>
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<tr>
<td>67. How Big is Your Tree?</td>
<td>K- 1A,B; 3; 4E</td>
<td>1st- 1A; 3A,E</td>
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<tr>
<td>68. Name that Tree</td>
<td>2nd- 1A,B; 3A,C,E</td>
<td>3rd- 1A,B,D,F</td>
<td>4th- 1B,G; 3C,D</td>
<td>5th- 1B,G,H</td>
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<td>69. Forest for the Trees</td>
<td>4th- 1A,G; 3A,C</td>
<td>5th- 1A,B,G,H; 3A; 4D</td>
<td>6th- 1A,B,H; 3A</td>
<td>7th- 1B,H; 3A</td>
</tr>
<tr>
<td>70. Soil Stories</td>
<td>K- 1A,B,G; 3A,E; 4A,E</td>
<td>1st- 1A,B,F; 3A; 4A</td>
<td>2nd- 1A,B,F; 3A,C; 4A,C</td>
<td>3rd- 1A,B,D,F; 3C; 4A,D</td>
</tr>
<tr>
<td>71. Watch on Wetlands</td>
<td>7th- 1A,B,C,E,H; 3A,D,G</td>
<td>8th- 1A,B,C,D; 3E; 4D</td>
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<tr>
<td>72. Air We Breathe</td>
<td>6th- 1B,H; 2B,G; 4D</td>
<td>7th- 1A,B,D,H; 3B</td>
<td>8th- 1A,B,C,D; 3C</td>
<td>6th- 3B,F</td>
</tr>
<tr>
<td>73. Waste Watchers</td>
<td>4th- 1A,C,G; 4G</td>
<td>5th- 1A,B,C,H; 4D,G</td>
<td>6th- 1A,B,C,H; 4D,G</td>
<td>7th- 1A,B,C,H; 4A,G</td>
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<tr>
<td>74. People, Places, Things</td>
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<tr>
<td>75. Tipi Talk</td>
<td>4th- 1G; 3C; 4E</td>
<td>5th- 1H; 3E; 4C</td>
<td>6th- 1H; 4C</td>
<td>7th- 1H; 4A,G</td>
</tr>
</tbody>
</table>
| 77. Trees in Trouble | K- 3A,E; 4E  
1st- 3A,E,F  
2nd- 3A,C  
3rd- 3C,E  
4th- 3A,B,C,D  
5th- 3A  
6th- 3A,B,C  
7th- 3A  
8th- 3A,3E  | 6th- 1B,F,G; 3F  
7th- 1B,F; 3F  
8th- 1B,F; 3F |
| 78. Signs of Fall | K- 3A,E; 4E,F  
1st- 3A,E; 4E,G  
2nd- 3A,C; 4F  
3rd- 3A  
4th- 3A,C  | 2nd- 1D,E; 3F  
3rd- 1D; 3F  
4th- 1D,F; 3F |
| 79. Tree Lifecycle | 2nd- 3A,C,D,E  
4th- 3A,C,E  
6th- 3A,B  | 2nd- 1D,E; 3D,F  
3rd- 1D,E,H; 3D,F  
4th- 1D,F; 3D,F |
| 80. Nothing Succeeds Like succession | 4TH- 1G, 3A,C  
5th- 1H, 3A,E  
6th- 1H, 3B  
7th- 1H, 3A  
8th- 1H, 3A,E  | 3rd- 1D,E; 3D,F  
4th- 1D,E; 3D,F  
6th- 1B,F; 3D,F  
7th- 1B,F; 3D,F |
| 81. Living with Fire | 5th- 2B; 3A; 4C  
6th- 2B; 3A; 4C,D  
7th- 3A; 4D  
8th- 3E; 4E  | |
| 82. Resource-Go-Round | 4th- 2D; 4G  
5th- 4G  
6th- 4G  
7th- 4G  | |
| 83. A Peek at Packaging | 5th- 1F; 4D  
6th- 1F; 4D  
7th- 1F; 4D  
8th- 4D  | 5th- 3F  
6th- 3F  
7th- 3F  
8th- 3F |
| 84. The Global Climate | 6th- 2G; 4C,D,G  
7th- 4C,D,G  
8th- 4C,D  | 6th- 5A,C  
7th- 5A,C,D  
8th- 4C  |
| 85. In the Driver’s Seat | 5th- 2B,F; 4A,G  
6th- 2B; 4G  
7th- 4A,G  | 5th- 5A,B  
6th- 5B,C  
7th- 5B,C,D  
8th- 4A |
| 86. Our Changing World | 5th- 1F; 3G; 4D,G  
6th- 1F,H; 4D,G  
7th- 1H; 4A,D,G  
8th- 1H; 4D,G  | 5th- 1D,E; 3F  
6th- 1B,F; 3F  
7th- 1B,F; 3F |
| 87. Earth Manners | K- 1A,E; 3A,E; 4E  
1st- 1A, B, E; 3A,E; 4D  
2nd- 1A,B,E; 3A,E; 4D  
3rd- 1A,B,E; 3C; 4D  
4th- 1B,G; 3C; 4D  | K- 1E,G  
1st- 1F; 2B,C  
2nd- 1E; 2B,C  
3rd- 2B,C |
| 88. Life on the Edge | 4th- 3A,C; 4D  
5th- 3A,E; 4D  
6th- 3A; 4D  
7th- 3A; 4D  | 5th- 1F,G; 3A,D  
6th- 1F,G; 3A,D  
7th 1F, G; 3A, F  
8th- 1F, G; 3F |
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<tbody>
<tr>
<td><strong>89. Trees for Many Reasons</strong></td>
<td>2nd- 3C; 4D 3rd- 3C,E; 4D 4th- 3A,C; 4D 5th- 3A; 4D 6th- 3A</td>
<td>2nd- 1E; 2B,C 3rd- 2B,C 6th- 1B,C,E,G; 2B,C 7th- 2B,C</td>
</tr>
<tr>
<td><strong>90. Native Ways</strong></td>
<td>4th- 1G; 4E 5th- 1H 6th- 1H; 4C 7th- 1H</td>
<td>5th-8th - 3F</td>
</tr>
<tr>
<td><strong>91. In the Good Old Days</strong></td>
<td>6th- 3A; 4D 7th- 3A; 4G 8th- 3A; 4D</td>
<td>6th- 1F,G; 3A,F 7th- 1F,G; 3A,F 8th- 1F,G; 3A,F</td>
</tr>
<tr>
<td><strong>92. A look at Lifestyles</strong></td>
<td>5th- 4D 6th- 3A; 4D 7th- 3A; 4D 8th- 3A,E; 4D,G</td>
<td>5th- 1F,G; 2B,D; 3F 6th- 1F,G; 2B,D; 3F 7th- 1F,G; 2B,D; 3F 8th- 1F,G; 2B,D; 3F</td>
</tr>
<tr>
<td><strong>93. Paper Civilizations</strong></td>
<td>5th- 4D 6th- 3A; 4D 7th- 4D 8th- 4D,G</td>
<td>5th- 1F,G; 3F 6th- 1F,G; 3F 7th- 1F,G; 3F 8th- 1F,G; 3F</td>
</tr>
<tr>
<td><strong>94. By the Rivers of Babylon</strong></td>
<td>6th- 3A,C; 4G 7th- 3A,C; 4D,G 8th- 3A,E; 4D,G</td>
<td></td>
</tr>
<tr>
<td><strong>95. Did You Notice?</strong></td>
<td>2nd- 4D,E 3rd- 4D,G 4th- 4D,E 5th- 3C; 4D,E 6th- 4E 7th- 3A,C; 4B,D,F 8th- 3E; 4D,E,G</td>
<td>5th- 1F,G; 3F 6th- 1F,G; 3F 7th- 1F,G; 3F 8th- 1F,G; 3F</td>
</tr>
<tr>
<td><strong>96. Improve Your Place</strong></td>
<td>5th- 1F; 4D,G 6th- 1F,H; 4D,G 7th- 1H; 4D,G 8th- 1H; 4D,G</td>
<td></td>
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