

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

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

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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

Correlation Project Learning Tree/Language Arts Framework

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

Correlation Project Learning Tree/Language Arts Framework

1.b, 1.g; 3.a.5

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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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

Correlation Project Learning Tree/Language Arts Framework

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;

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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 aTree

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

Correlation Project Learning Tree/Language Arts Framework

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

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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

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Correlation Project Learning Tree/Language Arts Framework

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;

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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

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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

LAUNGAGE 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

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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

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Activity : #60 Publicize It!

Grade Level(s): 5-8

LANGUAGE ARTS COMPETENCIES

Competency/Objectives: Fifth grade

1b, 1f, 1g; 3a, 3d;

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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

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

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

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

Correlation Project Learning Tree/Language Arts Framework

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

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

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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

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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

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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

Correlation Project Learning Tree/Language Arts Framework

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

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

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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

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

LANGUAGE ARTS COMPETENCIES

Correlation Project Learning Tree/Language Arts Framework

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

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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

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

Correlation Project Learning Tree/Language Arts Framework

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

Correlation Project Learning Tree/Language Arts Framework

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

Correlation Project Learning Tree/Language Arts Framework

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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Correlation Project Learning Tree/Language Arts Framework

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

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

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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
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

Correlation Project Learning Tree/Language Arts Framework

Competency/Objectives: Eighth Grade

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Language Arts Framework

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.c.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

LAUNGAGE 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

Correlation Project Learning Tree/Language Arts Framework

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): 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

Correlation Project Learning Tree/Language Arts Framework

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, 3e, 3f; 4b, 4c

Correlation Project Learning Tree/Language Arts Framework

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

Correlation Project Learning Tree/Language Arts Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

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

Correlation Project Learning Tree/Language Arts Framework

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

Correlation Project Learning Tree/Language Arts Framework

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

Correlation Project Learning Tree/Language Arts Framework

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

Correlation Project Learning Tree/Mathematics

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #1 The Shape of Things

Grade Level(s): K-3

MATHEMATICS COMPETENCIES

Competency/Objectives: Kindergarten Geometry

3b

Competency/Ojectives: First grade Geometry

3a, 3b

Competency/Objectives: Second grade Geometry

3a, 3c

Competency/Objectives: Third grade Geometry

3a

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #4 Sounds Around

Grade Level(s): 1-8

MATHEMATICS COMPETENCIES

Competency/Objectives: First grade Algebra

2a

Competency/Ojectives: 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

Correlation Project Learning Tree/Mathematics

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

Correlation Project Learning Tree/Mathematics

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

Correlation Project Learning Tree/Mathematics

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

Correlation Project Learning Tree/Mathematics

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

Correlation Project Learning Tree/Mathematics

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

5.b

Competency/Objectives: Sixth grade Data Analysis and Probability

5a

Correlation Project Learning Tree/Mathematics

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Mathematics

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

Correlation Project Learning Tree/Mathematics

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Mathematics

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

Correlation Project Learning Tree/Science Framework

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 organism.

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

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

Correlation Project Learning Tree/Science Framework

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

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.e

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: #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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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.

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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.

Correlation Project Learning Tree/Science Framework

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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.

Correlation Project Learning Tree/Science Framework

Suggested Objectives: 1.h

Competency: Sixth Grade Inquiry

Conduct a scientific investigation utilizing appropriate process skills.

Suggested Objectives: 1.

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

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: 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

Contiunue

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

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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.

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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.

Correlation Project Learning Tree/Science Framework

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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.

Correlation Project Learning Tree/Science Framework

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.

Correlation Project Learning Tree/Science Framework

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity: #47 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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity : #49 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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

Activity : #53 On the Move

Grade Level(s): 4-8

Variation: K-3

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

Correlation Project Learning Tree/Science Framework

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

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 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

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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 of organisms.

Suggested Objectives: 3b

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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.

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

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: 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

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

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

Correlation Project Learning Tree/Science Framework

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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 of organisms.

Suggested Objectives: 3a

Correlation Project Learning Tree/Science Framework

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

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 of organisms.

Suggested Objectives: 3a, 3b

Continued

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

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 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 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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

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

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

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 of 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 : #90 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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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 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 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

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, 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

Correlation Project Learning Tree/Science Framework

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

Correlation Project Learning Tree/Science Framework

Project Learning Tree Pre K-8 Environmental Education Activity Guide

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

CONTINUED

Mississippi PLT Correlation Document

PLT Activity	Science	Math	Language Arts
1 The Shape of Things	K-3A; 4A 1 st - 3A; 4A 2 nd - 3A; 4A	K- 3B 1 st - 3A, B 2 nd - 3A, C 3 rd - 3A	K-1E,H; 3B 1 st - 1F, I; 3b 2 nd - 3B; 4A 3 rd - 1H; 3A; 4A
2 Get in Touch with Trees	K- 2A; 3B; 4B 1 st - 3A; 4A 2 nd - 3A; 4A 3 rd - 1B, D, E 4 th 1B, D, E; 3C 5 th - 1D, E 6 th - 1E		K- 1E, H; 3A 1 st - 1F; 3A; 4A 2 nd - 3A; 4A 3 rd - 1D, H; 3A 4 th - 1F, G; 3A 5 th - 1F, G; 3A 6 th - 1F, G; 3A
3 Peppermint Beetle	K-3B, C 1 st - 3A, B 2 nd -3A, D 3 rd - 1B; 3A, C 4 th - 1B; 3A, C 5 th - 3A 6 th - 3A		
4 Sounds Around	K-1E; 3B 1 st - 1E; 2G 2 nd - 1E; 2G 3 rd - 1E; 2, F 4 th - 1E; 2F 5 th - 1E 6 th - 1C, D 7 th - 1C, D 8 th - 1CD; 2C	1 st - 2A; 4A 2 nd - 2A 3 rd - 2A; 4B; 5A 4 th - 4D; 5A, C 5 th - 5B 6 th - 5A, C 7 th - 5A 8 th - 4A; 5A	K- 1E, G; 4C 1 st - 2B; 3A, B; 4A 2 nd - 1E; 3A; 4A 3 rd - 1D; 2B; 3A, B, C; 4A, B 4 th - 1C, F; 2B, D; 3A, B, C; 4A, b 5 th - 1G; 2B, D; 3A, b, C; 4A, B 6 th - 1B, D; 2B, D; 3A, B, C; 4A, B 7 th - 1B, D, F; 2B, D; 3A, B, C; 4A, B 8 th - 1B, D, F; 2B, D; 3A, B, C; 4A, B
5 Poet Tree	3 rd - 1B; 3A 4 th - 1B 5 th - 1E		3 rd - 1D,G, H; 2A; 3B; 4A, B, C 4 th - 1C, D, F,G; 2A; 3B, D; 4A, B, C 5 th - 1B, D, E, F, G; 2A; 3B,D; 4A, B,C 6 th - 1B, C, D, E, F, G; 2A; 3B, D; 4A, B, C 7 th - 1B, C, D, E,F, G; 2A; 3B,D; 4A, B, C 8 th - 1B, C, D, E, F, G; 2A; 3B, D; 4A, B, C
6 Picture This!	K- 1B; 3A 1 st - 1B; 3A 2 nd - 1B; 3A	K- 2A, B 1 st - 2A; 5A 2 nd - 2A	

	3 rd - 1B; 3A 4 th - 1B; 3C 5 th - 1E, 3A	3 rd - 5A 4 th - 5C 5 th - 5B	
7 Habitat Pen Pals	3 rd - 3A, C 4 th - 3A, C 5 th - 3A		3 rd - 1D, H; 3D, F; 4A, B, C 4 th - 1C, D, G; 3D, F; 4A, B, C 5 th - 1B, F, G; 3D, F; 4A, B, C 6 th - 1B, F, G; 3D,F; 4A, B, C
8 The Forest of S.T. Shrew	1 st - 3A, E 2 nd - 3A		1 st - 1F, I; 2B, C,D; 3B, C; 4A 2 nd - 1H; 2B, C, D; 3E; 4A 3 rd - 1F, H; 2B, C, D; 3F; 4A 4 th - 1G; 2B, C, D; 3C 5 th - 1B F, G; 2B, C, D; 3C 6 th - 1B, D, F, G; 2B, C, D; 3C
9 Planet Diversity	4 th - 1A, E; 3A, C 5 th - 1A, E, H; 3A 6 th - 3A		4 th - 1C; 3A 5 th - 1B, G; 3A 6 th - 1B, F, G; 3A
10 Charting Diversity	4 th - 1C, D 5 th - 1C, D, E, G 6 th - 1 C, D, E 7 th - 1 C, D, E 8 th - 1 C		
11 Can It Be Real?	4 th - 1D; 3A, C 5 th - 1E; 3A 6 th - 1C; 3A, B 7 th - 1C; 3E 8 th - 1C,		4 th - 1C, E, G; 2A; 3A, B, F; 4A, B, C 5 th - 1B, D, F, G; 2A; 3A, B,F; 4A, B, C 6 th - 1B, D, F, G; 2A; 3A, B, F; 4A, B, C 7 th - 1B, D, F,G; 2A; 3A, B, F; 4A, B, C 8 th - 1B, D, F, G; 2A; 3A, B, F; 4A, B, C
12 Invasive Species	5 th - 1D; 3A 6 th - 1C, E; 3A 7 th - 1C, D; 3A, D 8 th - 1C; 3A	5 th - 5B 6 th - 5C	
13 We All Need Trees	K- 1B; 1 st - 1B; 2 nd - 1B 3 rd - 1D 4 th - 1E 5 th - 1D 6 th - 1D		K- 1E, G, H; 4C 1 st - 1F, I; 4A 2 nd - 1E, G, H; 2B; 4A 3 rd - 1F, H; 2B; 4A 4 th - 1C, F, G; 2B 5 th - 1B, F, G; 2B 6 th - 1B, D, F, G; 2B
14 Renewable or Not?	4 th - 1A; 4D, G 5 th - 1A; 4D, G 6 th - 1A; 4D, G 7 th - 1A; 4G		

	8 th - 1A; 4D, G		
15 A Few of My Favorite Things	2 nd - 4D 3 rd - 4D 4 th - 4D 5 th - 4D, G 6 th - 4G 7 th - 4G 8 th - 4D, G		
16 Pass the Plants, Please	K-3A 1 st - 3A 2 nd - 3A 3 rd - 1D; 3A 4 th - 1E; 3C 5 th - 1D 6 th - 1E 7 th - 1D 8 th - 1D	3 rd - 5A 4 th - 5A, C 5 th - 5B 6 th - 5A, C 7 th - 5C 8 th - 5A	K- 1E, H 1 st - 1F, I 2 nd - 1E, H 3 rd - 1D, H 4 th - 1C, G 5 th - 1B, F, G 6 th - 1B, F, G 7 th - 1B, F, G 8 th - 1B, F, G
17 People of the Forest			5 th - 1B, F,G; 2A; 3A, C; 4A, B, C 6 th - 1B, D, F, G; 2A; 3A, C, F; 4A, B, C 7 th - 1B, D, F, G; 2A; 3A, C, F; 4A, B, C 8 th - 1B, D, F, G; 2A; 3A, C, F; 4A, B, C
18 Tale of the Sun	K-1D 1 st - 1A 2 nd - 1A 3 rd - 1A 4 th - 1A 5 th - 1H 6 th - 1H		K- 1G, H; 2B, C, D; 3C; 4A, B, C 1 st - 1I; 2B, C, D; 3C; 4A, B, C 2 nd - 1G, H; 2B, C, D; 3C; 4A, B, C 3 rd - 1F, H; 2B, C, D; 3C; 4A, B, c 4 th - 1C, E, G; 2B; 3C; 4A, B, C 5 th - 1B, D, F, G; 2B; 3C; 4A, B, C 6 th - 1B, D, F, G; 2B; 3C; 4A, B, C
19 Viewpoints on the Line	6 th - 1G, H 7 th - 1B, G 8 th - 1E, H		
20 Environmental Exchange Box	K- 1B, 4B 1 st - 1B, 4A 2 nd - 1A, 4A 3 rd - 1B, 3A 4 th - 1B, 3A,C 5 th - 3A, 4A 6 th - 4C 7 th - 3A, 4A 8 th - 3A		
21 Adopt a Tree	K-1B, E	3 rd - 4A	K- 1E, G, H; 3A, b; 4C

	1 st - 1B, E; 3E 2 nd - 1B; 3A 3 rd - 1B, E 4 th - 1B, C, D, G; 3C 5 th - 1C, D, E; 3A 6 th - 1C, E 7 th - 1C, D 8 th - 1C	4 th - 4D 5 th - 4D 6 th - 4B, C, F 7 th - 4A 8 th - 4A, C	1 st - 1I; 3A, B; 4A, B, C 2 nd - 1H; 3A; 4A, B, C 3 rd - 1H; 3A; 4A, B, C 4 th - 1G; 3A; 4A, B, C 5 th - 1F, G; 3A; 4A, B, C 6 th - 1F, G; 3A; 4A, B, C 7 th - 1F, G; 3A; 4A, B, C 8 th - 1F, G; 3A; 4A, B, C
22 Trees as Habitats	K- 1E; 3E 1 st - 1E, A; 3A 2 nd - 3A, D 3 rd - 1B, C, E; 3A, C 4 th - 1B, C, E; 3A, C 5 th - 1C, E; 3A 6 th - 1C, E; 3A 7 th - 1C, D; 3E 8 th - 1C; 3A	3 rd - 5A 4 th - 5C 5 th - 5B 6 th - 5C 8 th - 5A	
23 The Fallen Log	4 th - 1B, C, D, E; 3; A, C 5 th - 1C, E; 3A 6 th - 1C, E 7 th - 1C, D; 3a; 4D 8 th - 1C; 4E		
24 Nature's Recyclers	1 st - 1A, E; 3E 2 nd - 1A; 3C, E 3 rd - 1A, D, E; 3A, E 4 th - 1B, D, E, G; 3C, D 5 th - 1D, E; 3A 6 th - 1A, D, E		1 st - 3A, B 2 nd - 3A 3 rd - 3A, F 4 th - 3A 5 th - 3A 6 th - 3A
25 Birds and Worms	K- 3A 1 st - 3A 2 nd - 1E; 3C 3 rd - 1D,E; 3C 4 th - 1D; 3C 5 th - 1D; 3A 6 th - 1E	K- 2B 1 st - 2A; 5A 2 nd - 2A; 5B 3 rd - 5A 4 th - 2A; 5A,C 5 th - 5B 6 th - 5C	
26 Dynamic Duos	5 th - 3A 6 th - 3A 7 th - 3E 8 th - 3A		5 th - 1F, G; 2A; 3A, F; 4A, B, C 6 th - 1D, F, G; 2A; 3A, F; 4A, B, C 7 th - 1D, F, G; 2A; 3A, F; 4A, B, C 8 th - 1D, F, G; 2A; 3A, F; 4A, B, C
27 Every Tree for Itself	K- 3E; 4B, E 1 st - 3E; 4E 2 nd - 3A, C; 4D 3 rd - 3C; 4A 4 th - 3C; 4D 5 th - 3A; 4D 6 th - 3A 7 th - 3A, E; 4D 8 th - 3a	2 nd - 4A 3 rd - 4b 4 th - 4D 5 th - 4D 6 th - 4C 7 th - 4A 8 th - 4A; 4A	
28 Air Plants	3 rd - 1C; 3C 4 th - 1C; 3C; 4D 5 th - 1C; 3A; 4D		

	6 th - 1C; 3A		
29 Rain Reasons	6 th - 1A, D; 3A; 4C 7 th - 1A, C; 3A, E; 4D 8 th - 1A; 3A		
30 Three Cheers for Trees	1 st - 1E 2 nd - 1A, E 3 rd - 1A 4 th - 1D		
31 Plant a Tree	1 st - 3A, E 2 nd - 3A, C 3 rd - 3C, E 4 th - 3C 5 th - 3A 6 th - 3A 7 th - 3A 8 th - 3E		3 rd - 3E; 4A, B, C 4 th - 3E; 4A, B 5 th - 3E; 4A, B, C 6 th - 3E; 4A, B, C 7 th - 3E; 4A, B, C 8 th - 3E; 4A, B, C
32 A Forest of Many Uses	1 st - 1A, B; 3A 2 nd - 1B; 4D 3 rd - 1A; 3A, C; 4D 4 th - 3A; 4D 5 th - 3H, A; 4G 6 th - 4G 7 th - 4A 8 th - 4D		
33 Forest Consequences	6 th - 1H; 4D, G 7 th - 4G 8 th - 1H; 4D		6 th - 1B, D, F; 2B; 3A, D; 4A, B, C 7 th - 1B, D, F; 2B; 3A, D; 4A, B, C 8 th - 1B, D, F; 2B; 3A, D; 4A, B, C
34 Who Works in this Forest?	3 rd - 3C 4 th - 1F; 3C 5 th - 3A 6 th - 3A		
35 Loving It Too Much	6 th - 1C, D 7 th - 1C, D 8 th - 1C	6 th - 5A 7 th - 5C 8 th - 5A	
36 Pollution Search	K- 1D 1 st - 4D 2 nd - 1E; 4D 3 rd - 1E; 4D 4 th - 1E; 4D 5 th - 1D, E; 4D, G 6 th - 1E; 4D	2 nd - 5B 3 rd - 5A 4 th - 5A, C 5 th - 5B 6 th - 5A	
37 Reduce, Reuse, Recycle	5 th - 1A, C, D; 4D, G 6 th - 1A, C, E; 4D, G 7 th - 1A, C, D; 4G 8 th - 1A, C; 4D	5 th - 4D 7 th - 4A 8 th - 4C	
38 Every Drop Counts	4 th - 1A, C, D, E 5 th - 1A, C, D, E; 4G 6 th - 1A, C, E; 4G	4 th - 4B, D; 5A, C 5 th - 4B, D; 5B 6 th - 4A; 5A	

	7 th - 1A, C, D; 4G 8 th - 1A, C; 4D	7 th - 4A 8 th - 4C; 4A; 5A	
39 Energy Sleuths	K-1E 1 st - 1E; 3C 2 nd - 1a 3 rd - 1D 4 th - 1D, E; 4g 5 th - 1D, E; 4D, G 6 th - 1E; 2D; 4G 7 th - 1D, E; 2D; 4G 8 th - 1D; 2D; 4D		
40 Then and Now	4 th - 3A 5 th - 4D 6 th - 4G 7 th - 4G 8 th - 4D		4 th - 3F 5 th - 3F 6 th - 3F 7 th - 3F 8 th - 3F
41 How Plants Grow	K-3A; 4E 1 st - 3E; 4E 2 nd - 3D 3 rd - 3E 4 th - 1A, C, D, E; 3C 5 th - 1A, C, E; 3A 6 th - 1A, C, E 7 th - 1A, C, D 8 th - 1A, C, D	4 th - 4D; 5A, C 5 th - 4D; 5B 6 th - 5A 7 th - 5C 8 th - 5A	4 th - 3A, D; 4A, B, C 5 th - 3A, D; 4A, B, C 6 th - 3A, D; 4A, B, C 7 th - 3A, D; 4A, B, C 8 th - 3A, D ; 4A, B, C
42 Sunlight and Shades of Green	3 rd - 1A, D; 3C 4 th - 1A; 3C 5 th - 1A; 3A 6 th - 1D; 3A 7 th - 1E; 3A, E 8 th - 1D; 3E		3 rd - 3B, D; 4A, B, C 4 th - 3B, C, D; 4A, B, C 5 th - 3B, C,D; 4A, B, C 6 th - 3B, C, D; 4A, B, C 7 th - 3B, C, D; 4A, B, C 8 th - 3B, C, D; 4A, B, C
43 Have Seeds, Will Travel	K-1B 1 st - 1B 2 nd - 1B; 3A 3 rd - 1B; 3A 4 th - 1B; 3A, C, D 5 th - 3A, D 6 th - 3B, D 7 th - 3D 8 th - 3A		
44 Water Wonders	4 th - 1D; 4B 5 th - 1E 6 th - 1E 7 th - 1E 8 th - 1E		4 th - 3C; 4A, B, C 5 th - 3C; 4A, B, C 6 th - 3C; 4A, B, C 7 th - 3C; 4A, B, C 8 th - 3A; 4A, B, C
45 Web of Life	4 th - 3A, C; 4D 5 th - 3A, E; 4D 6 th - 3A, E		4 th - 1E, F, G; 3F 5 th - 1D, F, G; 3G 6 th - 1D, F, G; 3F

	7 th - 3A 8 th - 3A, E		7 th - 1D, F, G; 3F 8 th - 1D, F, G; 3F
46 School Yard Safari!	K-1C, E; 3E 1 st - 1C, E; 3F 2 nd - 1C; 3A 3 rd - 1C; 3A, C, E 4 th - 1C, D; 3A, C 5 th - 1C, E; 3A		K- 1E, G, H; 3B 1 st - 1I; 3B 2 nd - 1H; 3D 3 rd - 1H; 3D 4 th - 1G; 3F 5 th - 1F; 3C, F
47 Are Vacant Lots Vacant?	K-1A, C, E 1 st - 1A, C, E 2 nd - 1A, C 3 rd - 1C 4 th - 1C, D, E; 3A, C, D 5 th - 1C, D, E; 3a 6 th - 1C, E; 3A 7 th - 1C; 3A 8 th - 1C; 3A, e	K- 5A 2 nd - 5A	
48 Field, Forest, and Stream	1 st - 1C, E; 3A, E 2 nd - 1C; 3A, D 3 rd - 1C; 3A, C 4 th - 1B, C, D,E; 3A, C; 4D 5 th - 1C, D, E; 3A; 4A 6 th - 1C, E; 3A; 4C, D 7 th - 1C, E; 3E; 4A, D 8 th - 1C, D; 3A, E; 4D	1 st -5B 2 nd - 5A 3 rd - 5A 4 th - 4D; 5C 5 th - 4D; 5B 8 th - 4A	
	Science	Math	Language Arts
49. Tropical Treehouse	3rd- 3A,E; 4A,B 4th- 4D 5th- 3E 6th- 4D,G 7th- 3A; 4A,D 8th- 3E	4th- 4D 6th- 4F	3rd- 3A,B 4th- 3B,C,D
50. 400-Acre Wood	7th- 3A 8th- 3E	7th- 4D, 5A,D	
51. Make Your Own Paper	1st- 5th 4D 7th- 4A 8th- 4D		1st- 4A 3rd- 3D 4th- 3E,4A,B 5th- 3E
52. A Look at Aluminum	5st- 4D 6th- 4D 7th- 4A, G 8th- 4D		5th- 2B, 3E 6th- 2B 7th- 2B
53. On the Move	K- 1D,E 1st- 2C 4th- 1G 5th- 2C,D 6th- 2C,D 7th- 2C,2D	4th- 2B,4D,5C 6th- 2A, C 7th- 2B, 4D 8th- 4A	
54. I'd Like to Visit a	2nd- 3C		K- 1A,C 3D

Place Where	3rd- 3A,E 4D 4th- 4D 5th- 4D 7th- 4D		3rd- 1D 4th- 3A,B,E 6th- 3F
55. Planning the Ideal Community	4th- 1C,D,E 6th- 1A,B,H		5-6th- 3B,F
56. We Can Work it Out			5th- 2E, 3E,F 7th- 2B, 3C
57. Democracy in Action	5th- 1A,F,G,H 6th- 1A,G,H 7th- 1H,		5th- 2E 5-7th- 3F
58. There Ought to Be a Law	5th- 1A,F,G,H 6th- 1A,G,H 7th- 1H,		4th- 3A,B,E 5th- 2E 6th- 3F
59. Power of Print			6th- 1B,C,F,G; 2B,E; 3A,D 7th- 1B,C,F,G; 2B,E; 3A,B,D 8th- 3A,B,D; 1B,C,F,G
60. Publicize It!	7th- 3A; 4A 8th- 3E		5th- 1B,F,G; 3A,D 6th- 3A,D; 1B,F,G 7th- 1B, F,G,; 3A,D 8th- 3A,D; 1B,C,F,G
61. The closer You Look	K- 1A, B, E; 3A 1st- 1A, B, F; 3A, 3F 2nd- 1A, B; 3A, 3E 3rd- 1A, B, D 4th- 1G		K- 1E, G; 3B 1st- 1F, 2D 2nd- 1E, 3B
62. To Be a Tree	K- 1A, 1D, 1E; 3A; 4E 1st- 1E; 3A, E, F 2nd- 3A,C,E 4th- 3C,D		K- 1E; 4C 1st- 1A
63. Tree Factory	K- 3A,B,C; 4E 1st- 3A,B,C,E,F 2nd- 3A,C,E 3rd- 3E 4th- 3C,D 5th- 3B		K- 1E; 4C 1st- 1A 3rd- 3B; 4A 4th- 3B
64. Looking at Leaves	K- 1A,D,E; 3A; 4E 1st- 1E; 3A 2nd- 3A 3rd- 1B,D,F 4th- 1B,G; 3C,D		K- 1E; 4C 1st- 1A
65. Bursting Buds	K- 1A,D,E; 3A,E; 4E 1st- 1A,E; 3A,E,F 2nd- 1A,E; 3A,C,E 3rd- 1A,D,E,F 4th- 1B,E,G; 3C,D 5th- 1E,G,H 6th- 1B,D,E,H; 3B	K- 4A,B 1st- 4A,B 2nd- 4A 3rd- 4C 4th- 4A,D 5th- 4A,B 6th- 4F	K- 3B; 4B 1st- 3B; 4B 2nd- 3B 3rd- 3B 4th- 3B 5th- 3B 6th- 3B
66. Germinating Giants	4th- 1B,G; 3C,D,E 5th- 1A,B,G,H; 3A,D 6th- 1A,B,D,H; 3B,D	4th- 1H,I; 4D 5th- 1F; 4B 6th- 1B,G; 4F	
67. How Big is Your Tree?	K- 1A,B; 3; 4E 1st - 1A; 3A,E	K- 4A,B 1st- 4A,B	

	2nd- 3C,E 4th- 1H; 4A,D; 5B 5th- 1F,G; 4A,B,D; 5B 6th- 1B,G; 4B,F; 5B 7th- 3A	2nd- 4A 3rd- 4A 4th- 1H;4A,D;5B 5th- 1F,G;4A,B,D; 5B 6th- 1B,G;4B,G;5B 7th- 1B; 4A,B,D; 5B	
68. Name that Tree	2nd- 1A,B; 3A,C,E 3rd- 1A,B,D,F 4th- 1B,G; 3C,D 5th- 1B,G,H 6th- 1B,D,H; 3B 7th- 1B,H; 3E		
69. Forest for the Trees	4th- 1A,G; 3A,C 5th- 1A,B,G,H; 3A; 4D 6th- 1A,B,H; 3A 7th- 1B,H; 3A 8th- 3E		
70. Soil Stories	K- 1A,B,G; 3A,E; 4A,E 1st- 1A,B,F; 3A; 4A 2nd- 1A,B,F; 3A,C; 4A,C 3rd- 1A,B,D,F; 3C; 4A,D 4th- 1B,G; 3C; 4A,D 6th- 1A,D,F,H,4G 7th- 1A,B,H; 4A		3rd-6th- 3A
71. Watch on Wetlands	7th- 1A,B,C,E,H; 3A,D,G 8th- 1A,B,C,D; 3E; 4D		7th- 3B,E,F,4B,C 8th- 3B,E,F,4B,C
72. Air We Breathe	6th- 1B,H; 2B,G; 4D 7th- 1A,B,D,H; 3B 8th- 1A,B,C,D; 3C		6th- 3B,F 7th- 3B,F; 4B,C 8th- 3B,F; 4B,C
73. Waste Watchers	4th- 1A,C,G; 4G 5th- 1A,B,C,H; 4D,G 6th- 1A,B,C,H; 4D,G 7th- 1A,B,C,H; 4A,G 8th- 1A,B,C,H; 4D	4th- 1H; 5B,C 5th-1F,G; 5B 6th- 1B,G; 5B 7th- 1B,C; 5B 8th- 1B; 5A	
74. People, Places, Things			K- 1E,G; 3B 1st- 1F; 3B 2nd- 1E; 3B 3rd- 3B
75. Tipi Talk	4th- 1G; 3C; 4E 5th- 1H; 3E; 4C 6th- 1H; 4C 7th- 1H; 4A,G 8th- 1H; 3E		
76. Tree Cookies	K- 3A,E; 4E 1st- 3A,E,F 2nd- 3A,C 3rd- 3C,E 4th- 3A,C,D 5th- 3A 6th- 3A; 4D 7th- 3A; 4D 8th- 3A,E		6th-1B, C, F, G; 2B,E; 3A,D 7th-1B, C, F, G; 2B,E; 3A,D 8th-1B, C, F, G; 3A, D

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	6th- 3F 7th- 3F 8th- 3F
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

	8th- 3A, E		
89. Trees for Many Reasons	2nd- 3C; 4D 3rd- 3C,E; 4D 4th- 3A,C; 4D 5th- 3A; 4D 6th- 3A		2nd- 1E; 2B,C 3rd- 2B,C 6th- 1B,C,E,G; 2B,C 7th- 2B,C
90. Native Ways	4th- 1G; 4E 5th- 1H 6th- 1H; 4C 7th- 1H		5th-8th - 3F
91. In the Good Old Days	6th- 3A; 4D 7th- 3A; 4G 8th- 3A; 4D		6th- 1F,G; 3A,F 7th- 1F,G; 3A,F 8th- 1F,G; 3A,F
92. A look at Lifestyles	5th- 4D 6th- 3A; 4D 7th- 3A; 4D 8th- 3A,E; 4D,G		5th- 1F,G; 2B,D; 3F 6th- 1F,G; 2B,D; 3F 7th- 1F,G; 2B,D; 3F 8th- 1F,G; 2B,D; 3F
93. Paper Civilizations	5th- 4D 6th- 3A; 4D 7th- 4D 8th- 4D,G		5th- 1F,G; 3F 6th- 1F,G; 3F 7th- 1F,G; 3F 8th- 1F,G; 3F
94. By the Rivers of Babylon	6th- 3A,C; 4G 7th- 3A,C; 4D,G 8th- 3A,E; 4D,G		
95. Did You Notice?	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		5th- 1F,G; 3F 6th- 1F,G; 3F 7th- 1F,G; 3F 8th- 1F,G; 3F
96. Improve Your Place	5th- 1F; 4D,G 6th- 1F,H; 4D,G 7th- 1H; 4D,G 8th- 1H; 4D,G		