

Project Learning Tree Activities Aligned with Nebraska State Education Content Standards

Pre K-8 Guide

The Shape of Things (p. 3)

Science: None

Social Studies: None

Reading/Writing: None

Math: 1.4.2

Get in Touch with Trees (p. 5)

Science: 1.1.1a, 1.3.1a

Social Studies: None

Reading/Writing: 4.1.2, 4.2.3, 4.2.4

Math: None

Peppermint Beetle (p. 7)

Science: 1.1.1a

Social Studies: None

Reading/Writing: None

Math: None

Sounds Around (p. 9)

Science: 8.1.3a, 8.3.3d

Social Studies: 8.3.8 (part b), 8.4.3, 8.4.8, 8.4.9

Reading/Writing: 1.3.1, 4.1.6, 8.4.1, 8.4.1

Math: 8.3.1, 8.5.2

Poet-Tree (p. 13)

Science: None

Social Studies: 4.4

Reading/Writing: 4.1.2, 4.1.5, 4.2.4

Math: None

Picture This! (p. 16)

Science: 1.1.1b, 1.4.1d

Social Studies: None

Reading/Writing: 1.2.1

Math: 1.6.2

Habitat Pen Pals (p. 18)

Science: 1.4.1e

Social Studies: None

Reading/Writing: 4.1.4, 4.2.4, 8.1.2, 8.1.2, 8.2.4, 8.2.4

Math: None

The Forest of S.T. Shrew (p. 20)

Science: 1.1.4b, 1.4.1e

Social Studies: None

Reading/Writing: 8.4.1

Math: None

Planet of Plenty (p. 24)

Science: None

Social Studies: None

Reading/Writing: 8.2.5, 8.3.1, 8.3.2

Math: None

Charting Diversity (p. 27)

Science: 8.1.1cd, 8.1.4a

Social Studies: None

Reading/Writing: None

Math: None

Can it Be Real? (p. 30)

Science: 8.1.4a, 8.4.5b, 8.4.3d

Social Studies: None

Reading/Writing: 8.1.2, 8.1.2, 8.1.2, 8.4.1

Math: None

Tree Treasures (p. 35)

Science: 1.1.1b, 4.3.1a, 4.6.3a

Social Studies: None

Reading/Writing: None

Math: None

We All Need Trees (p. 39)

Science: 4.2.1abde, 4.6.3a

Social Studies: 4.13

Reading/Writing: 8.1.1, 8.1.1, 8.1.1, 8.2.5, 8.3.1, 8.3.2

Math: None

Renewable or Not? (p. 43)

Science: None

Social Studies: 8.3.8, 8.3.5

Reading/Writing: None

Math: None

A Few of My Favorite Things (p. 48)

Science: 4.2.1ae, 4.6.3a, 4.7.2b

Social Studies: 8.3.5, 8.3.8

Reading/Writing: None

Math: None

Pass the Plants, Please (p. 50)

Science: 1.1.1ab, 1.2.1ac, 4.2.1a

Social Studies: 8.1.1

Reading/Writing: 8.1.1

Math: 1.5.1, 1.5.2, 1.5.3, 4.5.1, 8.3.1 (part c), 8.5.1 (part b), 8.5.2 (part b)

People of the Forest (p. 54)

Science: None

Social Studies: 8.4.8

Reading/Writing: 8.1.1, 8.1.2, 8.1.2, 8.1.2, 8.2.2, 8.2.4, 8.2.4, 8.2.5, 8.3.1, 8.3.2

Math: None

Tale of the Sun (p. 56)

Science: None

Social Studies: 8.1.1, 8.1.3, 8.1.9, 8.1.10, 8.2.7, 8.4.8

Reading/Writing: 8.1.1, 8.1.1, 8.1.6, 8.1.7, 8.1.7, 8.1.7, 8.1.7, 8.4.1

Math: None

Values on the Line (p. 58)

Science: None

Social Studies: 8.3.6, 8.3.10

Reading/Writing: None

Math: None

Environmental Exchange Box (p. 61)

Science: 1.1.2, 4.1.2b, 4.5.1a

Social Studies: 8.4.8, 8.4.9

Reading/Writing: None

Math: None

Adopt a Tree (p. 65)

Science: 1.1.1a, 1.1.2a, 1.1.3ab, 1.2.1ac, 1.4.2a, 4.2.1a

Social Studies: None

Reading/Writing: 8.2.4

Math: None

Tree's As Habitats (p. 70)

Science: 1.1.1ab, 1.1.4b, 1.2.1acde, 1.4.1de, 4.2.1ace

Social Studies: 8.4.9

Reading/Writing: None

Math: 4.5.1

The Fallen Log (p. 72)

Science: 8.1.1ad, 8.4.4c

Social Studies: None

Reading/Writing: None

Math: None

Nature's Recyclers (p. 75)

Science: None

Social Studies: None

Reading/Writing: 8.1.2, 8.2.5, 8.3.1, 8.3.2

Math: None

Birds and Worms (p. 77)

Science: 8.4.5b

Social Studies: None

Reading/Writing: None

Math: 1.5.1, 1.5.2, 1.5.3, 4.5.1

Dynamic Duos (p. 79)

Science: None

Social Studies: None

Reading/Writing: 8.1.1, 8.1.1

Math: None

Every Tree for Itself (p. 83)

Science: 1.1.1a, 1.1.2a, 1.4.1b, 4.1.2bc, 4.7.2a

Social Studies: None

Reading/Writing: None

Math: None

Air Plants (p. 85)

Science: 8.4.4d

Social Studies: None

Reading/Writing: None

Math: 4.3.1, 4.3.2, 8.3.1, 8.4.6

Rain Reasons (p. 88)

Science: 8.1.2acd, 8.2.1abcdefg, 8.1.3a, 8.4.3ac

Social Studies: 8.3.8, 8.4.9

Reading/Writing: None

Math: None

Three Cheers for Trees (p. 93)

Science: 1.1.2a

Social Studies: None

Reading/Writing: None

Math: None

Plant a Tree (p. 95)

Science: 1.4.1b, 1.6.2b

Social Studies: 8.3.8, 8.4.9

Reading/Writing: None

Math: None

A Forest of Many Uses (p. 98)

Science: 1.2.1a, 4.4.3c, 4.7.2abc, 4.7.3a

Social Studies: 8.3.3c, 8.3.6

Reading/Writing: None

Math: None

Forest Consequences (p. 101)

Science: 8.7.2ab, 8.7.3b

Social Studies: 8.3.3, 8.3.5, 8.3.8, 8.4.9

Reading/Writing: 8.1.1, 8.1.1, 8.1.1, 8.1.1, 8.1.7, 8.3.1, 8.3.2, 8.4.1

Math: None

Who Works in this Forest? (p. 105)

Science: 4.8.1b

Social Studies: 8.3.8

Reading/Writing: None

Math: None

Living It Too Much (p. 108)

Science: 8.7.2ab, 8.7.3b

Social Studies: 8.3.6, 8.3.8

Reading/Writing: 8.1.1, 8.1.5, 8.4.1

Math: None

Pollution Search (p. 114)

Science: 1.1.1a, 1.2.1ace, 1.7.1, 4.2.1ae, 4.4.3bc,

Social Studies: 8.3.8, 8.4.9

Reading/Writing: None

Math: 4.5.1

Talking Trash, Not! (p. 119)

Science: 1.7.2, 4.7.3

Social Studies: 8.3.8, 8.3.10, 8.4.9

Reading/Writing: None

Math: 4.3.1, 4.3.2, 4.5.1, 8.3.1, 8.5.1, 8.5.2

Every Drop Counts (p. 122)

Science: 8.7.2a

Social Studies: 8.2.8, 8.3.5, 8.3.8, 8.3.10

Reading/Writing: None

Math: 8.2.3, 8.2.5, 8.3.1, 8.3.2, 8.5.1, 8.5.2

Energy Sleuths (p. 126)

Science: None

Social Studies: 8.2.3, 8.2.8, 8.3.3, 8.3.5, 8.3.6, 8.3.8, 8.4.8, 8.4.9

Reading/Writing: None

Math: None

Then and Now (p. 131)

Science: None

Social Studies: 4.1, 4.4, 4.11, 4.18

Reading/Writing: 4.2.5, 4.4.1, 8.2.5, 8.3.2, 8.4.1

Math: None

How Plants Grow (p. 135)

Science: 1.4.1be, 4.4.3bc, 4.4.1b

Social Studies: None

Reading/Writing: None

Math: 4.3.1, 4.3.2, 4.5.1

Sunlight and Shades of Green (p. 137)

Science: 8.4.4d

Social Studies: None

Reading/Writing: 14.2(8.3.2)

Math: None

Have Seeds, Will Travel (p. 139)

Science: 1.2.1abce, 4.4.1b, 4.1.2b, 4.3.1a

Social Studies: None

Reading/Writing: None

Math: None

Water Wonders (p. 142)

Science: 4.6.2a, 4.1.1ab, 4.1.2abcd

Social Studies: None

Reading/Writing: 4.1.2, 4.2.2, 8.1.1, 8.2.4

Math: None

Web of Life (p. 148)

Science: 4.1.1ab, 4.4.2a, 4.4.3a

Social Studies: None

Reading/Writing: 4.1.3, 4.1.4, 8.1.2, 8.1.2, 8.1.2, 8.2.5, 8.3.1, 8.3.2

Math: None

School Yard Safari (p. 151)

Science: 1.1.1ab, 1.2.1ace, 1.4.1e, 4.1.1ab, 4.2.1abcde, 4.4.3b

Social Studies: None

Reading/Writing: 4.3.1

Math: None

Are Vacant Lots Vacant? (p. 153)

Science: None

Social Studies: None

Reading/Writing: None

Math: 4.5.1, 8.5.1

Field, Forest, and Stream (p. 156)

Science: None

Social Studies: None

Reading/Writing: None

Math: None

Tropical Treehouse (p. 160)

Science: None

Social Studies: 4.23

Reading/Writing: 8.1.2, 8.1.2, 8.1.2, 8.2.2, 8.2.4, 8.3.1, 8.4.1

Math: None

400-acre Wood (p. 169)

Science: 8.7.2ab

Social Studies: 8.3.3, 8.3.5, 8.3.6, 8.3.8

Reading/Writing: None

Math: 8.2.3

Make Your Own Paper (p. 176)

Science: 1.7.2, 4.1.4, 4.6.2b

Social Studies: 8.3.8

Reading/Writing: None

Math: None

A Look at Aluminum (p. 180)

Science: 4.6.2b, 4.7.2d

Social Studies: 8.2.5, 8.3.8

Reading/Writing: None

Math: None

On the Move (p. 185)

Science: 4.1.2abc, 4.7.4a

Social Studies: 4.4, 4.18

Reading/Writing: None

Math: None

I'd Like to Visit A Place Where... (p. 188)

Science: 4.7.2a, 4.7.3a

Social Studies: 8.3.8, 8.4.9

Reading/Writing: 4.2.3, 4.2.4, 4.2.5, 4.3.1, 8.2.3, 8.2.4, 8.2.5

Math: None

Planning an Ideal Community (p. 191)

Science: None

Social Studies: 8.3.3, 8.3.10, 8.4.9

Reading/Writing: 8.3.1, 8.3.2

Math: None

We Can Work It Out (p. 193)

Science: None

Social Studies: 8.3.1, 8.3.3, 8.3.6, 8.3.8, 8.3.9, 8.4.9

Reading/Writing: 8.3.1, 8.3.2, 8.4.1

Math: None

Democracy In Action (p. 197)

Science: None

Social Studies: 8.1.10, 8.3.3, 8.3.8

Reading/Writing: None

Math: None

There Ought To Be A Law (p. 201)

Science: None

Social Studies: 8.3.1, 8.3.3, 8.3.8

Reading/Writing: 8.1.2, 8.1.2, 8.1.2, 8.1.5, 8.3.1

Math: None

Power Of Print (p. 205)

Science: None

Social Studies: 8.1.9, 8.2.7, 8.3.2, 8.3.3, 8.3.10

Reading/Writing: 8.1.1, 8.1.2, 8.1.3, 8.1.7, 8.2.1, 8.2.4, 8.2.5, 8.3.1, 8.3.2

Math: None

Publicize It! (p. 209)

Science: 4.7.4a

Social Studies: 8.3.2, 8.3.3, 8.3.8

Reading/Writing: 8.1.1, 8.1.2, 8.2.2, 8.2.3, 8.2.4

Math: None

The Closer You Look (p. 217)

Science: 1.1.1, 1.2.1, 4.3.1

Social Studies: None

Reading/Writing: None

Math: None

To Be A Tree (p. 219)

Science: 1.4.1c

Social Studies: None

Reading/Writing: None

Math: None

Tree Factory (p. 223)

Science: 1.4.1c

Social Studies: None

Reading/Writing: None

Math: None

Looking At Leaves (p. 228)

Science: 1.1.1ab, 1.1.3c, 1.1.4b, 4.3.1a, 4.4.1b

Social Studies: None

Reading/Writing: None

Math: None

Bursting Buds (p. 232)

Science: 1.1.3abc, 1.2.1,c, 1.4.1c, 4.4.1bc, 4.3.1a, 4.1.1b

Social Studies: None

Reading/Writing: None

Math: None

Germinating Giants (p. 234)

Science: 1.1.3cde, 4.1.2a

Social Studies: None

Reading/Writing: None

Math: 4.3.1, 4.3.2, 4.5.1, 8.2.1, 8.2.2, 8.2.3, 8.3.1

How Big Is Your Tree? (p. 239)

Science: 1.1.3de, 1.2.1ce, 4.3.1b

Social Studies: None

Reading/Writing: None

Math: 1.3.1, 1.3.2, 4.2.1, 4.2.2, 4.2.3, 4.3.1, 4.3.2, 4.5.1, 8.2.1, 8.2.3, 8.3.1, 8.5.1

Name That Tree (p. 244)

Science: 1.1.1ab, 1.1.3cd, 4.4.1b

Social Studies: None

Reading/Writing: None

Math: None

Forest For The Trees (p. 247)

Science: None

Social Studies: 4.13, 4.14

Reading/Writing: None

Math: None

Soil Stories (p. 252)

Science: 8.5.1c

Social Studies: 8.4.9

Reading/Writing: None

Math: 8.3.1, 8.3.2, 8.5.1, 8.5.2

Watch On Wetlands (p. 258)

Science: None

Social Studies: 8.3.1, 8.3.2, 8.3.3, 8.3.5, 8.3.6, 8.3.8

Reading/Writing: 8.2.5, 8.3.1, 8.3.2

Math: None

Air We Breath (p. 265)

Science: 8.7.1a, 8.7.4a

Social Studies: None

Reading/Writing: None

Math: None

Waste Watchers (p. 274)

Science: 8.7.2b

Social Studies: 8.3.6, 8.3.8

Reading/Writing: None

Math: 8.2.3

People, Places, Things (p. 280)

Science: None

Social Studies: 1.14, 4.4

Reading/Writing: None

Math: None

Tepee Talk (p. 282)

Science: 4.7.2b

Social Studies: 4.2, 4.4, 4.12

Reading/Writing: None

Math: None

Tree Cookies (p. 289)

Science: 1.1.3abc, 1.2.1abcde, 4.2.1abcde, 4.7.3.a, 4.4.3bc

Social Studies: 8.1.9, 8.2.7, 8.3.8

Reading/Writing: 4.1.2, 4.1.1, 8.1.2, 8.1.2, 8.1.2

Math: None

Trees In Trouble (p. 293)

Science: 1.1.3ab, 1.2.1abcde, 4.2.1abcde, 4.7.3a, 4.4.3.bc

Social Studies: 8.3.3, 8.4.8 (extension), 8.4.9

Reading/Writing: None

Math: 4.3.1, 4.3.2, 4.5.1, 8.3.1, 8.5.1, 8.5.2

Signs of Fall (p. p. 299)

Science: 1.1.3b, 4.2.1abcde, 4.3.1a

Social Studies: None

Reading/Writing: None

Math: None

Tree Lifecycles (p. 302)

Science: 1.1.3abcde, 1.2.1abce, 1.4.1abc, 1.4.2ab, 1.7.2a, 4.1.3a, 4.2.1abce, 4.4.1b, 4.4.2a, 4.4.3bc

Social Studies: None

Reading/Writing: 4.1.4, 8.1.2, 8.1.2, 8.1.2

Math: None

Nothing Succeeds Like Succession (p. 306)

Science: None

Social Studies: None

Reading/Writing: 8.1.1

Math: 4.3.1, 4.3.2, 4.5.1, 8.3.1, 8.5.1, 8.5.2

Living With Fire (p. 311)

Science: 8.5.2a, 8.7.3ab

Social Studies: 8.3.3c, 8.3.6c

Reading/Writing: None

Math: None

Resources-Go-Around (p. 316)

Science: 4.6.3a, 4.7.2b

Social Studies: 8.3.5, 8.3.8, 8.3.10

Reading/Writing: None

Math: None

Reduce, Reuse, Recycle (p. 320)

Science: 4.6.1abce

Social Studies: 8.3.5, 8.3.8

Reading/Writing: 4.2.4, 4.3.1, 4.3.2

Math: None

A Peek At Packaging (p. 322)

Science: None

Social Studies: 8.3.5, 8.3.8

Reading/Writing: None

Math: None

Air To Drive (p. 325)

Science: 8.7.3b

Social Studies: 8.3.5, 8.3.8, 8.4.9

Reading/Writing: None

Math: 8.2.3, 8.3.2

Our Changing World (p. 328)

Science: None

Social Studies: 8.2.5, 8.3.10, 8.4.8, 8.4.9

Reading/Writing: None

Math: None

Earth Manners (p. 331)

Science: 4.2.1a, 4.4.3c

Social Studies: None

Reading/Writing: 1.3.1, 1.2.1

Math: None

Life On The Edge (p. 335)

Science: 4.4.3b

Social Studies: 8.2.5, 8.2.8, 8.3.3, 8.3.8, 8.4.8, 8.4.9

Reading/Writing: None

Math: None

Trees For Many Reasons (p. 340)

Science: 4.4.3bc

Social Studies: 4.13

Reading/Writing: 4.3.1, 4.4.1

Math: None

The Native Way (p. 343)

Science: None

Social Studies: 8.1.1, 8.1.3, 8.1.6, 8.1.9, 8.1.10, 8.2.1, 8.2.7, 8.4.1, 8.4.2, 8.4.8

Reading/Writing: 8.1.1, 8.1.6, 8.1.7, 8.4.1

Math: None

In The Good Old Days (p. 349)

Science: 8.8.1ab, 8.8.3a

Social Studies: 8.1.6b, 8.1.9, 8.2.2, 8.2.5, 8.3.10, 8.3.3

Reading/Writing: 8.1.2, 8.1.2, 8.1.6, 8.1.7

Math: None

A Look At Life styles (p. 353)

Science: None

Social Studies: 4.4

Reading/Writing: 8.1.1, 8.1.2

Math: None

Paper Civilizations (p. 359)

Science: None

Social Studies: 8.2.7, 8.4.2, 8.4.8, 8.4.9

Reading/Writing: None

Math: None

Where Are The Cedars Of Lebanon? (p. 362)

Science: None

Social Studies: 8.2.8, 8.4.2, 8.4.8, 8.4.9

Reading/Writing: None

Math: None

Did You Notice (p. 366)

Science: None

Social Studies: None

Reading/Writing: 4.1.4, 4.2.4, 4.2.5

Math: None

Improve Your Place (p. 369)

Science: None

Social Studies: 8.3.1, 8.3.8, 8.4.9

Reading/Writing: None

Math: None