Projects WILD, WILD Aquatic, and Learning Tree
Listing of Secondary Activities by National Science Standards

Activities were selected because they address pertinent concepts and issues related to Iowa’s Natural Resources and they address national content standards at the stated grade levels. There are many more relevant activities – this is meant to be a starting point for teachers looking to integrate teaching about Iowa’s Natural Resources.

Most activities address unifying concepts and processes, so they are not listed separately in this document.

**Standard A: Science as Inquiry**

*Project Learning Tree – PreK-8 Activity Guide*

#55 Planning the Ideal Community
#56 We Can Work it Out
#69 Forest for the Trees
#70 Soil Stories
#71 Watch on Wetlands
#86 Our Changing World
#88 Life on the Edge
#94 By the Rivers of Babylon

*Project Learning Tree - The Changing Forest: Forest Ecology*

#1 Adopt–a–Forest
#6 Story of Succession

*Project Learning Tree - Exploring Environmental Issues: Focus on Forests*

#1 What’s a Forest to You?

*Project Learning Tree - Exploring Environmental Issues: Focus on Risk*

#5 Communicating Risk
Special Topic – Chlorine: Looking at Tradeoffs

*Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste*

#1 Introduction to MSW: The Waste Stream
#4 Composting
#6 Landfills

*Project Learning Tree - Exploring Environmental Issues: Places We Live*

No Correlation

*Project WILD*

I Carrying Capacity
I Fire Ecologies
I Forest in a Jar
I We’re in This Together
III Back from the Brink
Project WILD (continued)
III Bird Song Survey
III Cabin Conflict
III Can Do!
III From Bison to Bread: The American Prairie
III Turkey Trouble
III Wildlife Research

Project WILD Aquatic
I Blue Ribbon Niche
I (The) Edge of Home
I Water Canaries
III Aquatic Roots
III Dragonfly Pond
III Facts and Falsehoods
III (The) Glass Menagerie
III Puddle Wonders!
III Watershed
III What’s in the Water?

Standard B: Physical Science

Project Learning Tree – PreK-8 Activity Guide
#70 Soil Stories

Project Learning Tree - The Changing Forest: Forest Ecology
No Correlation

Project Learning Tree - Exploring Environmental Issues: Focus on Forests
No Correlation

Project Learning Tree - Exploring Environmental Issues: Focus on Risk
Special Topic – Chlorine: Looking at Tradeoffs

Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste
#4 Composting
#6 Landfills

Project Learning Tree - Exploring Environmental Issues: Places We Live
No Correlation

Project WILD
I Fire Ecologies
I Forest in a Jar

Project WILD Aquatic
I Water Canaries
III The Glass Menagerie
III Watershed
Standard C: Life Science

*Project Learning Tree – PreK-8 Activity Guide*

- #47 Are Vacant Lots Vacant?
- #55 Planning the Ideal Community
- #56 We Can Work it Out
- #69 Forest for the Trees
- #70 Soil Stories
- #71 Watch on Wetlands
- #86 Our Changing World
- #88 Life on the Edge
- #94 By the Rivers of Babylon

*Project Learning Tree - The Changing Forest: Forest Ecology*

- #1 Adopt–a–Forest
- #5 Saga of the Gypsy Moth
- #6 Story of Succession

*Project Learning Tree - Exploring Environmental Issues: Focus on Forests*

- #3 Tough Choices

*Project Learning Tree - Exploring Environmental Issues: Focus on Risk*

Special Topic –Chlorine: Looking at Tradeoffs

*Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste*

- #1 Introduction to MSW: The Waste Stream
- #4 Composting

*Project Learning Tree - Exploring Environmental Issues: Places We Live*

- #5 Green Space
- #6 A Vision for the Future

*Project WILD*

  I Carrying Capacity
  I Fire Ecologies
  I Forest in a Jar
  I We’re in This Together
  III Back from the Brink
  III Bird Song Survey
  III Cabin Conflict
  III Can Do!
  III From Bison to Bread: The American Prairie
  III Turkey Trouble
  III Wildlife Research

*Project WILD Aquatic*

  I Blue Ribbon Niche
  I (The) Edge of Home
  I Water Canaries
  III Aquatic Roots
Standard D: Earth and Space Science

Project Learning Tree – PreK-8 Activity Guide
#86 Our Changing World

Project Learning Tree - The Changing Forest: Forest Ecology
No Correlation

Project Learning Tree - Exploring Environmental Issues: Focus on Forests
No Correlation

Project Learning Tree - Exploring Environmental Issues: Focus on Risk
No Correlation

Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste
No Correlation

Project Learning Tree - Exploring Environmental Issues: Places We Live
No Correlation

Project WILD
I Fire Ecologies

Project WILD Aquatic
I Blue Ribbon Niche
I Water Canaries
III Dragonfly Pond
III Watershed
III What’s in the Water?

Standard E: Science & Technology

Project Learning Tree – PreK-8 Activity Guide
#47 Are Vacant Lots Vacant?
#55 Planning the Ideal Community
#56 We Can Work it Out
#69 Forest for the Trees
#70 Soil Stories
#88 Life on the Edge
#94 By the Rivers of Babylon

Project Learning Tree - The Changing Forest: Forest Ecology
#5 Saga of the Gypsy Moth
Project Learning Tree - Exploring Environmental Issues: Focus on Forests
#3 Tough Choices

Project Learning Tree - Exploring Environmental Issues: Focus on Risk
#2 Things Aren’t Always What They Seem
#5 Communicating Risk
#7 Decision Making: Ecological Risk, Wildfires, and Natural Hazards
Special Topic –Chlorine: Looking at Tradeoffs

Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste
#1 Introduction to MSW: The Waste Stream
#4 Composting
#6 Landfills

Project Learning Tree - Exploring Environmental Issues: Places We Live
#6 A Vision for the Future

Project WILD
I Fire Ecologies
III Cabin Conflict
III Can Do!
III Turkey Trouble
III Wildlife Research

Project WILD Aquatic
I Water Canaries
III Aquatic Roots
III Dragonfly Pond
III Facts and Falsehoods
III (The) Glass Menagerie

Standard F: Science in Personal and Social Perspectives

Project Learning Tree – PreK-8 Activity Guide
#47 Are Vacant Lots Vacant?
#55 Planning the Ideal Community
#56 We Can Work it Out
#69 Forest for the Trees
#70 Soil Stories
#71 Watch on Wetlands
#86 Our Changing World
#88 Life on the Edge
#94 By the Rivers of Babylon

Project Learning Tree - The Changing Forest: Forest Ecology
#5 Saga of the Gypsy Moth
Project Learning Tree - Exploring Environmental Issues: Focus on Forests
#1 What’s a Forest to You?
#3 Tough Choices

Project Learning Tree - Exploring Environmental Issues: Focus on Risk
#2 Things Aren’t Always What They Seem
#5 Communicating Risk
#7 Decision Making: Ecological Risk, Wildfires, and Natural Hazards
Special Topic –Chlorine: Looking at Tradeoffs

Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste
#1 Introduction to MSW: The Waste Stream
#4 Composting
#6 Landfills

Project Learning Tree - Exploring Environmental Issues: Places We Live
#5 Greenspace
#6 A Vision for the Future

Project WILD
I Carrying Capacity
I Fire Ecologies
I Forest in a Jar
I We’re in This Together
III Back from the Brink
III Cabin Conflict
III Can Do!
III From Bison to Bread: The American Prairie
III Turkey Trouble
III Wildlife Research

Project WILD Aquatic
I Blue Ribbon Niche
I (The) Edge of Home
I Water Canaries
III Aquatic Roots
III Dragonfly Pond
III (The) Glass Menagerie
III Puddle Wonders!
III Watershed
III What’s in the Water?

Standard G: History and Nature of Science
Project Learning Tree – PreK-8 Activity Guide
#55 Planning the Ideal Community
#56 We Can Work it Out
#69 Forest for the Trees
#70 Soil Stories
Project Learning Tree – PreK-8 Activity Guide (continued)
#94  By the Rivers of Babylon

Project Learning Tree - The Changing Forest: Forest Ecology
No Correlation

Project Learning Tree - Exploring Environmental Issues: Focus on Forests
#3  Tough Choices

Project Learning Tree - Exploring Environmental Issues: Focus on Risk
#2  Things Aren’t Always What They Seem
Special Topic – Chlorine: Looking at Tradeoffs

Project Learning Tree - Exploring Environmental Issues: Municipal Solid Waste
#1  Introduction to MSW: The Waste Stream

Project Learning Tree - Exploring Environmental Issues: Places We Live
#5  Greenspace
#6  A Vision for the Future

Project WILD
  I  Carrying Capacity
  I  Fire Ecologies
  III  Bird Song Survey
  III  Cabin Conflict
  III  Can Do!
  III  Turkey Trouble
  III  Wildlife Research

Project WILD Aquatic
  I  Water Canaries
  III  Dragonfly Pond
  III  Facts and Falsehoods
  III  (The) Glass Menagerie
  III  Watershed
  III  What’s in the Water?