

Project WILD & Project WILD Aquatic

K-12 Curriculum & Activity Guide

Correlations to NH Frameworks
For Science Literacy (K-12)

September 2006

project WILD



Welcome Educators

New Hampshire's curriculum standards have undergone substantial change in response to the federal No Child Left Behind Act. In an effort to make it easier for teachers and non-formal educators to use the Project WILD and Project WILD Aquatic manuals correlations have been made between the Project WILD activities and the revised New Hampshire Science Frameworks. The correlations are designed to assist educators, especially classroom teachers, curriculum specialists and curriculum committees in reviewing and revising their science curricula.

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In New Hampshire Project WILD is sponsored by the N.H. Fish and Game Department. For more information about Project WILD contact Mary Goodyear, N.H. Fish and Game, 11 Hazen Drive, Concord, NH 03301; 603 271-3211; mgoody@ncia.net

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METHODOLOGY

2006 Science Correlations

New Hampshire's curriculum standards have undergone substantial change in response to the federal No Child Left Behind Act. Previously, state standards had been written for the end of grades three, six and ten. To meet new formalized assessment requirements, the New Hampshire Frameworks for Science Literacy (K-12), approved in June 2006 by the state Department of Education, address both content and skills. They are divided into grade spans for K-2, 3-4, 5-6, 7-8, 9-11 (basic literacy) and 11-12 (advanced literacy).

The N.H. Frameworks for Science Literacy (K-12) contain the following components:

- **Domain:** overall category. There are four domains within the science curriculum frameworks: Earth Space Science (ESS), Life Science (LS), Physical Science (PS) and Science Process Skills (SPS).
- **Strand:** enduring knowledge statement. There are five strands in Life Science and four each in the domains of Physical Science and Earth Space Science. Strands are the SAME for each grade span although not all components may be seen in each grade span. An example of a strand is LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations and species.)
- **Stem:** a category of ideas. Stems are common throughout all grade spans. An example of a stem is LS 1 is Classification
- **Grade-span Expectations (Proficiencies):** what all students should know and be able to do within the identified grade range. The ranges include: K-2, 3-4, 5-6, 7-8, 9-11 (basic literacy level) 11-12 (advanced level).

During the correlation process the proficiencies for each strand were examined to help the consultant determine the degree of correlation each activity had to the strand. A match with at least one proficiency was required to indicate a correlation. Three elements of each activity were examined to help determine if a correlation existed.

- The subject identifier in the shaded box of the activity determined whether the activity was correlated to the science frameworks; if science was not listed the activity was not addressed.
- The grade levels noted in the shaded box determined which grade span proficiencies were examined.
- The activity objectives listed for each activity helped determine which curriculum and proficiency standard(s) was related to the activity.

Keep in mind that correlating activities to relevant frameworks is a subjective process. In an effort to minimize subjectivity, the methodology indicated was strictly adhered to and drafts were peer-reviewed by Project WILD trained facilitators and teachers. Although every effort was made to provide accurate correlations, individual teachers or curricula specialists may feel additional correlations may apply or that some listed do not fit their correlation criteria. Also, correlations were made to each activity as written and do not take into consideration any modifications or extensions teachers may make or use when using the activity with students.

HOW TO USE THIS HANDBOOK

The correlations handbook is divided into three sections as follows:

- **Part I: includes a list of Project WILD and Project WILD Aquatic activities in the K-12 Curriculum and Activity Guide, followed by the standards from the New Hampshire Frameworks for Science Literacy (K-12) with which they are aligned.**

Use Part I if you have a particular WILD activity in mind and want to know how it correlates with the state curriculum standards. To find an appropriate activity to meet your needs, use the Topic Index in the Appendices of the Project WILD and WILD Aquatic manuals and select potential activities to supplement your unit. To determine which state standards correlate with the selected activities go to each of the activities in the handbook. All the WILD and WILD Aquatic activities are listed in alphabetical order for each manual. An alphabetical listing of the activities and the pages on which they are located is listed on the last page of each manual. Each activity in the handbook is followed by the strand and stem for each framework that is correlated to it

- **Part II: includes a list of individual state curriculum standards from the New Hampshire Frameworks for Science Literacy (K-12), followed by the Project WILD activities that correlate to the individual standards.**

Use Part II if you have a particular curriculum standard in mind and want to find an activity that supports it. Read about any listed activities in the appropriate WILD or WILD Aquatic manual to determine the one that best meets your needs. Remember, there is an alphabetical listing of activities on the last pages of both Project WILD manuals.

- **Part III: Chart for Project WILD and WILD Aquatic activity correlations**

Note: Throughout this handbook, the domains are abbreviated as follows:

ESS – Earth Space Science
LS – Life Science
PS – Physical Science
SPS – Science Process Skills

Project WILD Activities

A Picture Is Worth a Thousand Words

LS5 – The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1- Design Technology

3 – Social Issues (Local and Global): Medical Technology and Biotechnology

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

4 - Representing and Understanding Results of Investigations

Adaptation Artistry

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

3 – Natural Selection

SPS2 - Unifying Concepts of Science.

5 - Form and Function

SPS4 - Science Skills for Information, Communication and Media Literacy.

4 - Problem Identification, Formulation, and Solution

And the Wolf Wore Shoes

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 - Classification

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

Animal Charades

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

- 1 - Classification
- 2 - Living Things and Organization

SPS1 - Scientific Inquiry and Critical Thinking Skills.

- 1 - Making Observations and Asking Questions

Animal Poetry

NONE

Ants on a Twig

LS4 - Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

- 4 - Human Identity

SPS1 - Scientific Inquiry and Critical Thinking Skills.

- 1 - Making Observations and Asking Questions

Arctic Survival

NONE

Back from the Brink

LS2 - Energy flows and matter recycles through an ecosystem.

- 1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

- 1 - Change

SPS1 - Scientific Inquiry and Critical Thinking Skills.

- 4 - Representing and Understanding Results of Investigations

Back from the Brink (cont.)

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

2 - Communication Skills

Bearly Growing (Born)

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

3 - Reproduction

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

Beautiful Basics

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS4 - Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

4 - Human Identity

Bird Song Survey

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

3 - Conducting Scientific Investigations

4 - Representing and Understanding Results of Investigations

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

Birds of Prey

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

SPS1 - Scientific Inquiry and Critical Thinking Skills.

2 – Designing Scientific Investigations

4 - Representing and Understanding Results of Investigations

SPS2 - Unifying Concepts of Science.

4 - Patterns of Change

Bottleneck Genes

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

2 - Evolution

3 – Natural Selection

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

SPS2 – Unifying Concepts of Science

3 – Models and Scale

Cabin Conflict

NONE

Can Do!

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - - Science Skills for Information, Communication and Media Literacy.

4 - Problem Identification, Formulation, and Solution

Career Critters

LS2 - Energy flows and matter recycles through an ecosystem.
3 - Recycling of Materials

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).
1 - Change

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Medical Technology and Biotechnology

SPS1 - Scientific Inquiry and Critical Thinking Skills.
4 - Representing and Understanding Results of Investigations

SPS3 - Personal, Social, and Technological Perspectives.
2 - Common Environmental Issues, Natural Resources Management and Conservation

Carrying Capacity

LS2 - Energy flows and matter recycles through an ecosystem.
1 – Environment

SPS1 - Scientific Inquiry and Critical Thinking Skills.
1 - Making Observations and Asking Questions

SPS1 - Scientific Inquiry and Critical Thinking Skills.
4 - Representing and Understanding Results of Investigations

Cartoons and Bumper Stickers

NONE

Changing Attitudes

NONE

Changing Societies

NONE

Changing the Land

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

4 - Representing and Understanding Results of Investigations

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - Science Skills for Information, Communication and Media Literacy.

2 - Communication Skills

6 - Interpersonal and Collaborative Skills

Checks and Balances

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

Classroom Carrying Capacity

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

Classroom Carrying Capacity (cont.)

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

Color Crazy

NONE

Deadly Links (see Hazardous Links)

Deer Crossing

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 – Information and Media Literacy

2 - Communication Skills

Deer Dilemma

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

Deer Dilemma (cont.)

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - Science Skills for Information, Communication and Media Literacy.

2 - Communication Skills

6 - Interpersonal and Collaborative Skills

Does Wildlife Sell?

NONE

Drawing on Nature

NONE

Dropping in on Deer

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

4 – Career Technical Education Connections

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

3 - Conducting Scientific Investigations

4 - Representing and Understanding Results of Investigations

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

Eco-Enrichers

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

3 - Recycling of Materials

Eco-Enrichers (cont.)

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

2 - Tools

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

3 - Conducting Scientific Investigations

4 - Representing and Understanding Results of Investigations

Ecosystem Facelift

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

3 - Recycling of Materials

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS2 - Unifying Concepts of Science

2 - Systems and Energy

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - Science Skills for Information, Communication and Media Literacy.

2 - Communication Skills

Energy Pipeline

LS2 - Energy flows and matter recycles through an ecosystem.

2 - Flow of Energy

3 - Recycling of Materials

Energy Pipeline (cont.)

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

Enviro-Ethics

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - Science Skills for Information, Communication and Media Literacy

9 – Social Responsibility

Environmental Barometer

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

4 - Representing and Understanding Results of Investigations

Ethi-Reasoning

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

Ethi-Reasoning (cont.)

SPS4 - Science Skills for Information, Communication and Media Literacy.
6 - Interpersonal and Collaborative Skills

Ethi-Thinking

SPS4 - Science Skills for Information, Communication and Media Literacy.
2 - Communication Skills
3 - Critical Thinking and Systems Thinking

Everybody Needs a Home

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).
2 - Living Things and Organization

LS4 - Humans are similar to other species in many ways, and yet are unique among Earth's life forms.
4 - Human Identity

Fire Ecologies

LS2 - Energy flows and matter recycles through an ecosystem.
1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).
1 - Change

SPS1 - Scientific Inquiry and Critical Thinking Skills.
1 - Making Observations and Asking Questions

SPS3 - Personal, Social, and Technological Perspectives.
2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - Science Skills for Information, Communication and Media Literacy.
2 - Communication Skills

First Impressions

LS2 - Energy flows and matter recycles through an ecosystem.

- 1 - Environment
- 3 - Recycling of Materials

SPS4 - Science Skills for Information, Communication and Media Literacy.

- 2 - Communication Skills

Flip the Switch for Wildlife

LS2 - Energy flows and matter recycles through an ecosystem.

- 1 - Environment

PS2 - Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.

- 3 - Energy

PS4 - The growth of scientific knowledge in Physical Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

- 3 – Social Issues (Local and Global): Energy, Power, And Transportation & Manufacturing

SPS3 - Personal, Social, and Technological Perspectives.

- 2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - Science Skills for Information, Communication and Media Literacy.

- 1 - Information and Media Literacy

For Your Eyes Only

NONE

Forest in a Jar

LS2 - Energy flows and matter recycles through an ecosystem.

- 1 - Environment

Forest in a Jar (cont.)

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

2 - Designing Scientific Investigations

3 - Conducting Scientific Investigations

4 - Representing and Understanding Results of Investigations

From Bison to Bread: The American Prairie

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

2 - Flow of Energy

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

2 - Communication Skills

Good Buddies

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 - Classification

2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

3 - Recycling of Materials

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

3 - Natural Selection

Good Buddies (cont.)

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

2 - Communication Skills

Graphananimal

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

SPS1 – Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

Grasshopper Gravity

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

2 - Tools

SPS1 - – Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

SPS2 - – Unifying Concepts of Science.

5 - Form and Function

Habitat Lap Sit

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS2 - Unifying Concepts of Science

2 - Systems and Energy

Habitat Rummy

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

2 - Flow of Energy

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

Habittracks

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

2 - Designing Scientific Investigations

Habitrekking

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS4 - Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

4 - Human Identity

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

2 - Tools

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

Hazardous Links, Possible Solutions (Deadly Links)

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

3 - Recycling of Materials

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Medical Technology and Biotechnology

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

Here Today, Gone Tomorrow

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

History of Wildlife Management

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

How Many Bears Can Live in This Forest?

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

2 – Flow of Energy

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 – Change

3 – Natural Selection

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

I'm Thirsty

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

3 - Natural Selection

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

Improving Wildlife Habitat in the Community

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1- Design Technology

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

3 - Science and Technology; Technological Design and Application

SPS4 - Science Skills for Information, Communication and Media Literacy.

2 - Communication Skills

4 - Problem Identification, Formulation, and Solution

Interview a Spider

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

Interview a Spider (cont.)

SPS4 - Science Skills for Information, Communication and Media Literacy.
1 - Information and Media Literacy

SPS4 - Science Skills for Information, Communication and Media Literacy.
2 - Communication Skills

Know Your Legislation: What's In It for Wildlife?

NONE

Learning to Look, Looking to See

SPS1 - Scientific Inquiry and Critical Thinking Skills.
1 - Making Observations and Asking Questions

Let's Talk Turkey

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).
1 - Change

SPS3 - Personal, Social, and Technological Perspectives.
2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - Science Skills for Information, Communication and Media Literacy.
1 - Information and Media Literacy
2 - Communication Skills

Litter We Know

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

Litter We Know (cont.)

SPS3 - Personal, Social, and Technological Perspectives.

1 – Collaboration in Scientific Endeavors

2 - Common Environmental Issues, Natural Resources Management and Conservation

Lobster in Your Lunch Box

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 - Classification

LS2 - Energy flows and matter recycles through an ecosystem.

2 - Flow of Energy

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

4 - Representing and Understanding Results of Investigations

Make A Coat!

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1- Design Technology

Microtrek Treasure Hunt

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

2 - Tools

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

SPS4 - Science Skills for Information, Communication and Media Literacy.

2 - Communication Skills

Migration Barriers

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

LS4 - Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

1 - Behavior

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

Move Over Rover

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 - Classification

2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

SPS3 - Personal, Social, and Technological Perspectives.

1 - Collaboration in Scientific Endeavors

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

2 - Communication Skills

Museum Search for Wildlife

NONE

Muskox Maneauvers

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

3 - Natural Selection

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

My Kingdom for a Shelter

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

SPS3 - Personal, Social, and Technological Perspectives.

3 - Science and Technology; Technological Design and Application

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

No Water Off a Duck's Back

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

No Water Off a Duck's Back (cont.)

SPS1 - Scientific Inquiry and Critical Thinking Skills.

- 1 - Making Observations and Asking Questions
- 3 - Conducting Scientific Investigations

Noisy Neighbors

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

- 1 - Change

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

- 2 - Tools

SPS1 - Scientific Inquiry and Critical Thinking Skills.

- 1 - Making Observations and Asking Questions
- 3 - Conducting Scientific Investigations
- 4 - Representing and Understanding Results of Investigations

SPS4 - Science Skills for Information, Communication and Media Literacy.

- 1 - Information and Media Literacy

Oh Deer!

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

- 2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

- 1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

- 1 - Change

SPS1 - Scientific Inquiry and Critical Thinking Skills.

- 4 - Representing and Understanding Results of Investigations

SPS2 - Unifying Concepts of Science.

- 4 - Patterns of Change

Owl Pellets

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 - Classification

LS2 - Energy flows and matter recycles through an ecosystem.

2 - Flow of Energy

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Medical Technology and Biotechnology

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

4 - Representing and Understanding Results of Investigations

Pay to Play

NONE

Philosophical Differences

NONE

Planning for People and Wildlife

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

3 - Science and Technology; Technological Design and Application

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

2 - Communication Skills

6 - Interpersonal and Collaborative Skills

Planting Animals

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

Playing Lightly on the Earth

NONE

Polar Bears in Phoenix?

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

SPS4 - Science Skills for Information, Communication and Media Literacy.

4 - Problem Identification, Formulation, and Solution

Power of a Song

NONE

Prairie Memoirs

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

Prairie Memoirs (cont.)

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

Pro and Con: Consumptive and Nonconsumptive Uses

NONE

Quick-Frozen Critters

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

3 - Natural Selection

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

Rainfall and the Forest

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

SPS2 - Unifying Concepts of Science.

4 - Patterns of Change

Rainfall and the Forest (cont.)

SPS4 - Science Skills for Information, Communication and Media Literacy.
1 - Information and Media Literacy

Rare Bird Eggs for Sale

NONE

Riparian Zone

LS2 - Energy flows and matter recycles through an ecosystem.
1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).
1 - Change

SPS1 - Scientific Inquiry and Critical Thinking Skills.
4 - Representing and Understanding Results of Investigations

SPS3 - Personal, Social, and Technological Perspectives.
2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - Science Skills for Information, Communication and Media Literacy.
1 - Information and Media Literacy
2 - Communication Skills
6 - Interpersonal and Collaborative Skills

Saturday Morning Wildlife Watching

NONE

Seed Need

LS2 - Energy flows and matter recycles through an ecosystem.
3 - Recycling of Materials

Seed Need (cont.)

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

SPS2 - Unifying Concepts of Science.

5 - Form and Function

Seeing Is Believing!

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

4 - Representing and Understanding Results of Investigations

SPS4 - Science Skills for Information, Communication and Media Literacy.

2 - Communication Skills

Shrinking Habitat

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

Smokey Bear Said What?

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

2 - Communication Skills

Spider Web Geometry

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

SPS3 - Personal, Social, and Technological Perspectives.

3 - Science and Technology; Technological Design and Application

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

2 - Communication Skills

Stormy Weather

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

Surprise Terrarium

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

Sustainability: Then, Now, Later

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 – Social Issues (Local and Global): Uses of Earth Materials and Environmental Change

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

2 - Communication Skills

The Hunter

NONE

Thicket Game

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

3 – Natural Selection

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

Time Lapse

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 - Classification

2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

SPS2 - Unifying Concepts of Science.

4 - Patterns of Change

To Zone or Not to Zone

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

To Zone or Not to Zone (cont.)

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

6 - Interpersonal and Collaborative Skills

Too Close for Comfort

LS4 - Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

1 - Behavior

SPS3 - Personal, Social, and Technological Perspectives.

2 - Common Environmental Issues, Natural Resources Management and Conservation

Tracks!

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

Turkey Trouble

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

Turkey Trouble (cont.)

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

Urban Nature Search

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

We're in This Together

NONE

What Bear Goes Where?

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 - Classification

2 - Living Things and Organization

SPS4 - Science Skills for Information, Communication and Media Literacy.

2 - Communication Skills

What Did Your Lunch Cost Wildlife?

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

What Did Your Lunch Cost Wildlife? (cont.)

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1 – Design Technology

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

2 - Communication Skills

What You Wear Is What They Were

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1- Design Technology

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

What's for Dinner?

LS2 - Energy flows and matter recycles through an ecosystem.

2 - Flow of Energy

3 - Recycling of Materials

SPS1 - Scientific Inquiry and Critical Thinking Skills.

4 - Representing and Understanding Results of Investigations

What's That, Habitat?

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS4 - Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

4 - Human Identity

What's Wild?

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 - Classification

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

Which Niche?

LS2 - Energy flows and matter recycles through an ecosystem.

3 - Recycling of Materials

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

2 - Communication Skills

Who Fits Here?

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 - Classification

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

Who Fits Here? (cont.)

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

2 - Communication Skills

Wild Bill's Fate

NONE

Wild Words

NONE

Wildlife on Coins and Stamps

NONE

Wildlife Bibliography

NONE

Wildlife in National Symbols

NONE

Wildlife Is Everywhere!

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 - Living Things and Organization

SPS1 - Scientific Inquiry and Critical Thinking Skills.

1 - Making Observations and Asking Questions

Wildlife Issues: Community Attitude Survey

NONE

Wildlife Research

SPS1 - Scientific Inquiry and Critical Thinking Skills.

- 1 - Making Observations and Asking Questions
- 2 - Designing Scientific Investigations
- 3 - Conducting Scientific Investigations
- 4 - Representing and Understanding Results of Investigations

Wildwork

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

- 4 - Career Technical Education Connections

SPS4 - Science Skills for Information, Communication and Media Literacy.

- 1 - Information and Media Literacy
- 2 - Communication Skills

World Travelers

LS2 - Energy flows and matter recycles through an ecosystem.

- 1 - Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

- 1 - Change

SPS1 - Scientific Inquiry and Critical Thinking Skills.

- 1 - Making Observations and Asking Questions
- 3 - Conducting Scientific Investigations
- 4 - Representing and Understanding Results of Investigations

SPS3 - Personal, Social, and Technological Perspectives.

- 2 - Common Environmental Issues, Natural Resources Management and Conservation

World Travelers (cont.)

SPS4 - Science Skills for Information, Communication and Media Literacy.

1 - Information and Media Literacy

2 - Communication Skills

Project WILD Aquatic Activities

Alice In Waterland

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 - Social Issues (Local And Global): Uses Of Earth Materials & Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Aqua Words

NONE

Aquatic Roots

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 – Classification

2 – Living Things and Organization

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

2 – Communication Skills

Aquatic Times

NONE

Are You Me?

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

- 1 – Classification
- 3 – Reproduction

SPS1 – Scientific Inquiry and Critical Thinking Skills

- 1 – Making Observations and Asking Questions
- 4 – Representing and Understanding the Results of Investigations

Blue-Ribbon Niche

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

- 1 - Classification

LS2 - Energy flows and matter recycles through an ecosystem.

- 1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

- 1 – Change

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

- 3 - Social Issues (Local And Global): Uses Of Earth Materials & Environmental Change

SPS4 – Science Skills for Information, Communication and Media Literacy

- 1 – Information and Media Literacy
- 5 – Creativity and Intellectual Curiosity

Dam Design

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

- 3 - Social Issues (Local And Global): Uses Of Earth Materials & Environmental Change

Dam Design (cont.)

- SPS3** – Personal, Social, and Technological Perspectives
- 2 – Common Environmental Issues, Natural Resources Management and Conservation
 - 3 – Science and Technology; Technological Design and Application
- SPS4** – Science Skills for Information, Communication and Media Literacy
- 1 – Information and Media Literacy
 - 2 – Communication Skills
 - 3 – Critical Thinking and Systems Thinking

Designing a Habitat

- LS1** - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).
- 2 – Living Things and Organization
 - 3 – Reproduction
- LS2** - Energy flows and matter recycles through an ecosystem.
- 2 – Flow of Energy
- SPS2** – Unifying Concepts of Science
- 2 – Systems and Energy
 - 3 – Models and Scale
- SPS3** – Personal, Social, and Technological Perspectives
- 2 – Common Environmental Issues, Natural Resources Management and Conservation
- SPS4** – Science Skills for Information, Communication and Media Literacy
- 1 – Information and Media Literacy

Dragonfly Pond

- LS3** - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).
- 1 - Change

Dragonfly Pond (cont.)

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 - Social Issues (Local And Global): Uses Of Earth Materials & Environmental Change

SPS2 – Unifying Concepts of Science

2 – Systems and Energy

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

SPS4 – Science Skills for Information, Communication and Media Literacy

6 – Interpersonal and Collaborative Skills

Eat and Glow

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 – Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

3 – Natural Selection

LS4 -Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

1 - Behavior

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

3 – Conducting Scientific Investigations

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Edge of Home

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

3 – Natural Selection

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Facts and Falsehoods

NONE

Fashion A Fish

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 - Classification

2 – Living Things and Organization

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

3 – Natural Selection

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

SPS2 – Unifying Concepts of Science

5 – Form and Function

SPS4 – Science Skills for Information, Communication and Media Literacy

2 – Communication Skills

Fishy Who's Who

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 – Living Things and Organization

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

The Glass Menagerie

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

2 - Tools

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

3 – Conducting Scientific Investigations

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Hooks and Ladders

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

3 – Reproduction

Hooks and Ladders (cont.)

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 – Change

3 – Natural Selection

LS4 - Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

1 – Behavior

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

SPS4 – Science Skills for Information, Communication and Media Literacy

6 – Interpersonal and Collaborative Skills

How Wet Is Our Planet?

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

Kelp Help

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 – Living Things and Organization

SPS4 – Science Skills for Information, Communication and Media Literacy

1 – Information and Media Literacy

2 – Communication Skills

Living Research: Aquatic Heroes and Heroines

NONE

Marsh Munchers

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 – Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

2 – Flow of Energy

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

Mermaids and Manatees

NONE

Micro Odyssey

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 - Classification

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

2 – Tools

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

Micro Odyssey (cont.)

SPS4 – Science Skills for Information, Communication and Media Literacy
5 – Creativity and Intellectual Curiosity

Migration Headache

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 – Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 – Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Net Gain, Net Effect

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1 – Design Technology

3 – Social Issues (Local and Global): Medical Technology and Biotechnology

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

Plastic Jellyfish

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 - Social Issues (Local And Global): Uses Of Earth Materials & Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Pond Succession

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS2 – Unifying Concepts of Science

4 – Patterns of Change

Puddle Wonders!

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

Puddle Wonders! (cont.)

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

2 - Tools

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Riparian Retreat

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 – Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

Sea Turtles International

NONE

Silt: A Dirty Word

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

Sockeye Scents

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

- 2 – Living Things and Organization
- 3 – Reproduction

LS2 - Energy flows and matter recycles through an ecosystem.

- 1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

- 3 – Natural Selection

LS4 - Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

- 1 - Behavior

SPS1 – Scientific Inquiry and Critical Thinking Skills

- 1 – Making Observations and Asking Questions
- 4 – Representing and Understanding the Results of Investigations

Something's Fishy Here!

LS2 - Energy flows and matter recycles through an ecosystem.

- 1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

- 1 - Change

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

- 7 – Water

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

- 3 - Social Issues (Local And Global): Uses Of Earth Materials & Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

- 4 – Representing and Understanding the Results of Investigations

Something's Fishy Here! (cont.)

- SPS3** – Personal, Social, and Technological Perspectives
2 – Common Environmental Issues, Natural Resources Management and Conservation
- SPS4** – Science Skills for Information, Communication and Media Literacy
2 – Communication Skills

To Dam Or Not To Dam

- LS2** - Energy flows and matter recycles through an ecosystem.
1 – Environment
- LS3** - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).
1 - Change
- ESS4** - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.
3 - Social Issues (Local And Global): Uses Of Earth Materials & Environmental Change
- SPS4** – Science Skills for Information, Communication and Media Literacy
1 – Information and Media Literacy
2 – Communication Skills
6 – Interpersonal and Collaborative Skills

Turtle Hurdles

- LS1** - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).
3 – Reproduction
- LS2** - Energy flows and matter recycles through an ecosystem.
1 – Environment
- LS3** - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).
1 - Change
3 – Natural Selection

Turtle Hurdles (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Water Canaries

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 – Classification

2 – Living Things and Organization

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 – Change

ESS1 -The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

3 – Conducting Scientific Investigations

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Water Plant Art

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

2 – Living Things and Organization

Water We Eating?

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1 – Classification

LS2 - Energy flows and matter recycles through an ecosystem.

2 – Flow of Energy

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

Water Wings

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

Water's Going On?

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

3 - Social Issues (Local And Global): Uses Of Earth Materials & Environmental Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

Watered-Down History

NONE

Watershed

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

Wetland Metaphors

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

ESS1 -The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

1 – Collaboration in Scientific Endeavors

Whale of a Tail

NONE

What's In The Air?

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

What's In The Air? (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

3 – Conducting Scientific Investigations

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

What's In The Water?

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding the Results of Investigations

When a Whale is Right

NONE

Where Does Water Run?

ESS1 – The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

7 – Water

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

2 – Tools

Where Does Water Run? (cont.)

SPS1 – Scientific Inquiry and Critical Thinking Skills

1 – Making Observations and Asking Questions

3 – Conducting Scientific Investigations

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

3 – Science and Technology; Technological Design and Application

Where Have All The Salmon Gone?

LS2 - Energy flows and matter recycles through an ecosystem.

1 – Environment

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1 - Change

SPS1 – Scientific Inquiry and Critical Thinking Skills

4 – Representing and Understanding the Results of Investigations

SPS3 – Personal, Social, and Technological Perspectives

2 – Common Environmental Issues, Natural Resources Management and Conservation

NH Frameworks for Science Literacy (K-12)

Earth Space Science

ESS1 - The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

1. Atmosphere, Climate, & Weather
None
2. Composition & Features
None
3. Fossils
None
4. Observation of the Earth from Space
None
5. Processes & Rates of Change
None
6. Rock Cycle
None
7. Water
None

ESS2 - The Earth is part of a solar system, made up of distinct parts, which have temporal and spatial interrelationships.

1. Earth, Sun and Moon
None
2. Energy
None
3. Solar System
None
4. View from Earth
None

ESS3 - The origin and evolution of galaxies and the universe demonstrate fundamental principles of physical science across vast distances and time.

1. Size and Scale
None
2. Stars and Galaxies
None
3. Universe
None

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1. Design Technology

None

2. Tools

None

3. Social Issues (Local and Global)

Enviro-Ethics

Litter We Know

Sustainability: Then, Now, Later

4. Career Technical Education Connections

None

Life Science

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1. Classification

And the Wolf Wore Shoes	Owl Pellets
Animal Charades	Time Lapse
Good Buddies	What Bear Goes Where?
Lobster in Your Lunch Box	What's Wild?
Move Over Rover	Who Fits Here?

2. Living Things and Organization

Adaptation Artistry	No Water Off a Duck's Back
Animal Charades	Oh Deer!
Beautiful Basics	Planting Animals
Ecosystem Facelift	Polar Bears in Phoenix?
Environmental Barometer	Quick-Frozen Critters
Everybody Needs a Home	Seeing Is Believing!
Good Buddies	Spider Web Geometry
Grasshopper Gravity	Surprise Terrarium
Habitat Lap Sit	Thicket Game
Habitat Rummy	Time Lapse
Habittracks	Tracks!
Habitrekking	Urban Nature Search
I'm Thirsty	What Bear Goes Where?
Interview a Spider	What's That, Habitat?
Move Over Rover	Who Fits Here?
Muskox Maneuvers	Wildlife Is Everywhere!
My Kingdom for a Shelter	

3. Reproduction

Bearly Growing

LS2 - Energy flows and matter recycles through an ecosystem.

1. Environment

Back from the Brink	Deer Crossing
Birds of Prey	Deer Dilemma
Carrying Capacity	Eco-Enrichers
Changing the Land	Ecosystem Facelift
Checks and Balances	Environmental Barometer
Classroom Carrying Capacity	Fire Ecologies

LS2 - Energy flows and matter recycles through an ecosystem.

1. Environment (cont.)

First Impressions	Move Over Rover
Flip the Switch for Wildlife	No Water Off a Duck's Back
Forest in a Jar	Oh Deer!
From Bison to Bread: The American Prairie	Prairie Memoirs
Graphanimal	Quick-Frozen Critters
Habitat Lap Sit	Rainfall and the Forest
Habitrekking	Riparian Zone
Hazardous Links, Possible Solutions	Shrinking Habitat
How Many Bears Can Live in This Forest?	Smokey Bear Said What?
Improving Wildlife Habitat in the Community	Stormy Weather
Microtrek Treasure Hunt	Time Lapse
Migration Barriers	To Zone or Not to Zone
	Turkey Trouble
	Urban Nature Search
	Who Fits Here?
	World Travelers

2. Flow of Energy

Energy Pipeline	How Many Bears Can Live in This Forest?
From Bison to Bread: The American Prairie	Lobster in Your Lunch Box
Habitat Rummy	Owl Pellets
	What's for Dinner?

3. Recycling of Materials

Career Critters	Good Buddies
Eco-Enrichers	Hazardous Links, Possible Solutions
Ecosystem Facelift	Seed Need
Energy Pipeline	What's for Dinner?
First Impressions	Which Niche?

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1. Change

Back from the Brink	Ecosystem Facelift
Career Critters	Fire Ecologies
Changing the Land	Forest in a Jar
Checks and Balances	From Bison to Bread: The American Prairie
Classroom Carrying Capacity	Habitat Lap Sit
Deer Crossing	Hazardous Links, Possible Solutions
Deer Dilemma	Here Today, Gone Tomorrow

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1. Change (cont.)

History of Wildlife Management	Planting Animals
How Many Bears Can Live in This Forest?	Prairie Memoirs
Improving Wildlife Habitat in the Community	Riparian Zone
Let's Talk Turkey	Shrinking Habitat
Migration Barriers	Smokey Bear Said What?
No Water Off a Duck's Back	Time Lapse
Noisy Neighbors	To Zone or Not to Zone
Oh Deer!	Turkey Trouble
Planning for People and Wildlife	What Did Your Lunch Cost Wildlife?
	Who Fits Here?
	World Travelers

2. Evolution

Bottleneck Genes

3. Natural Selection

Adaptation Artistry	I'm Thirsty
Bottleneck Genes	Muskox Maneauvers
Good Buddies	Quick-Frozen Critters
How Many Bears Can Live in This Forest?	Thicket Game

LS4 - Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

1. Behavior

Migration Barriers
Too Close for Comfort

2. Disease

None

3. Human identity

None

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1. Design Technology

A Picture Is Worth a Thousand Words

Improving Wildlife Habitat in the Community

Make A Coat!

What Did Your Lunch Cost Wildlife?

What You Wear Is What They Were

2. Tools

Eco-Enrichers

Grasshopper Gravity

Habitrekking

Microtrek Treasure Hunt

Noisy Neighbors

Owl Pellets

3. Social Issues (Local and Global)

A Picture Is Worth a Thousand Words

Career Critters

Hazardous Links, Possible Solutions

4. Career Technical Education Connections

Dropping in on Deer

Wildwork

Physical Science

PS1 - All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

1. Composition
None
2. Properties
None

PS 2 - Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.

1. Change
None
2. Conservation
None
3. Energy
Flip the Switch for Wildlife

PS 3 - The motion of an object is affected by force.

1. Forces
None
2. Motion
None

PS4 - The growth of scientific knowledge in Physical Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1. Design Technology
None
2. Tools
None
3. Social Issues (Local and Global)
Flip the Switch for Wildlife
4. Career Technical Education Connections
None

Science Process Skills

SPS1: Scientific Inquiry and Critical Thinking Skills

1. Making Observations and Asking Questions

A Picture Is Worth a Thousand Words	Lobster in Your Lunch Box
And the Wolf Wore Shoes	Microtrek Treasure Hunt
Animal Charades	My Kingdom for a Shelter
Ants on a Twig	No Water Off a Duck's Back
Bearly Growing	Noisy Neighbors
Bird Song Survey	Owl Pellets
Carrying Capacity	Seed Need
Changing the Land	Seeing Is Believing!
Dropping in on Deer	Spider Web Geometry
Eco-Enrichers	Surprise Terrarium
Environmental Barometer	Thicket Game
Fire Ecologies	Time Lapse
Forest in a Jar	Tracks!
Graphanimal	Urban Nature Search
Grasshopper Gravity	What You Wear Is What They Were
Habitacks	What's Wild?
Habitrekking	Who Fits Here?
How Many Bears Can Live in This Forest?	Wildlife Is Everywhere!
Learning to Look, Looking to See	Wildlife Research
	World Travelers

2. Designing Scientific Investigations

Birds of Prey
Forest in a Jar
Habitacks
Wildlife Research

3. Conducting Scientific Investigations

Bird Song Survey	No Water Off a Duck's Back
Dropping in on Deer	Noisy Neighbors
Eco-Enrichers	Wildlife Research
Forest in a Jar	World Travelers

4. Representing and Understanding Results of Investigations

A Picture Is Worth a Thousand Words
Back from the Brink
Bearly Growing
Bird Song Survey

4. Representing and Understanding Results of Investigations (cont.)

Birds of Prey	Here Today, Gone Tomorrow
Bottleneck Genes	How Many Bears Can Live in This Forest?
Career Critters	I'm Thirsty
Carrying Capacity	Lobster in Your Lunch Box
Changing the Land	Move Over Rover
Checks and Balances	MuskoX Maneuvers
Deer Dilemma	Noisy Neighbors
Dropping in on Deer	Oh Deer!
Eco-Enrichers	Owl Pellets
Energy Pipeline	Quick Frozen Critters
Environmental Barometer	Rainfall and the Forest
Ethi-Reasoning	Riparian Zone
Forest in a Jar	Seeing Is Believing!
From Bison to Bread: The American Prairie	Turkey Trouble
Good Buddies	What's for Dinner?
Graph-animal	Wildlife Research
Hazardous Links, Possible Solutions	World Travelers

5. Evaluating Scientific Explanations

None

SPS2: Unifying Concepts of Science.

1. Nature of Science

None

2. Systems and Energy

Ecosystem Facelift
Habitat Lap Sit

3. Models and Scale

Bottleneck Genes

4. Patterns of Change

Birds of Prey
Oh Deer!
Rainfall and the Forest
Time Lapse

5. Form and Function

Adaptation Artistry
Grasshopper Gravity
Seed Need

SPS3: Personal, Social, and Technological Perspectives

1. Collaboration in Scientific Endeavors
 - Litter We Know
 - Move Over Rover

2. Common Environmental Issues, Natural Resources Management and Conservation
 - Back from the Brink
 - Bird Song Survey
 - Can Do!
 - Career Critters
 - Changing the Land
 - Checks and Balances
 - Deer Crossing
 - Deer Dilemma
 - Dropping in on Deer
 - Ecosystem Facelift
 - Enviro-Ethics
 - Ethi-Reasoning
 - Fire Ecologies
 - Flip the Switch for Wildlife
 - Improving Wildlife Habitat in the Community
 - Let's Talk Turkey
 - Litter We Know
 - Migration Barriers
 - Planning for People and Wildlife
 - Planting Animals
 - Riparian Zone
 - To Zone or Not to Zone
 - Too Close for Comfort
 - World Travelers

3. Science and Technology; Technological Design and Application
 - Improving Wildlife Habitat in the Community
 - My Kingdom for a Shelter
 - Planning for People and Wildlife
 - Spider Web Geometry

SPS4: Science Skills for Information, Communication and Media Literacy

1. Information and Media Literacy
 - Back from the Brink
 - Deer Crossing
 - Flip the Switch for Wildlife
 - From Bison to Bread: The American Prairie
 - Good Buddies
 - Habitat Rummy
 - Hazardous Links, Possible Solutions
 - Here Today, Gone Tomorrow
 - History of Wildlife Management
 - Interview a Spider
 - Let's Talk Turkey
 - Move Over Rover
 - My Kingdom for a Shelter
 - Noisy Neighbors
 - Planning for People and Wildlife
 - Planting Animals
 - Prairie Memoirs
 - Rainfall and the Forest
 - Riparian Zone
 - Smokey Bear Said What?
 - Spider Web Geometry
 - Sustainability: Then, Now, Later
 - To Zone or Not to Zone
 - What Did Your Lunch Cost Wildlife?
 - What's Wild?
 - Which Niche?
 - Who Fits Here?
 - Wildwork
 - World Travelers

2. Communication Skills
 - Back from the Brink
 - Changing the Land
 - Deer Crossing
 - Deer Dilemma
 - Ecosystem Facelift
 - Ethi-Thinking
 - Fire Ecologies
 - First Impressions
 - From Bison to Bread: The American Prairie
 - Good Buddies
 - Improving Wildlife Habitat in the Community
 - Interview a Spider
 - Let's Talk Turkey
 - Microtrek Treasure Hunt
 - Move Over Rover
 - Planning for People and Wildlife
 - Riparian Zone
 - Seeing Is Believing!
 - Smokey Bear Said What?
 - Spider Web Geometry
 - Sustainability: Then, Now, Later
 - What Bear Goes Where?
 - What Did Your Lunch Cost Wildlife?
 - Which Niche?
 - Who Fits Here?
 - Wildwork
 - World Travelers
3. Critical Thinking and Systems Thinking
 - Ethi-Thinking
4. Problem Identification, Formulation, and Solution
 - Adaptation Artistry
 - Can Do!
 - Improving Wildlife Habitat in the Community
 - Polar Bears in Phoenix?
5. Creativity and Intellectual Curiosity
 - None*
6. Interpersonal and Collaborative Skills
 - Changing the Land
 - Deer Dilemma
 - Ethi-Reasoning
 - Planning for People and Wildlife
 - Riparian Zone
 - To Zone or Not to Zone
7. Self Direction
 - None*
8. Accountability and Adaptability
 - None*
9. Social Responsibility
 - Enviro-Ethics

Earth Space Science

ESS1 - The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

1. Atmosphere, Climate, & Weather

None

2. Composition & Features

None

3. Fossils

None

4. Observation of the Earth from Space

None

5. Processes & Rates of Change

None

6. Rock Cycle

None

7. Water

Alice In Waterland

How Wet Is Our Planet?

Silt: A Dirty Word

Something's Fishy Here!

Water Canaries

Water Wings

Watershed

Wetland Metaphors

What's In The Water?

Where Does Water Run?

ESS2 - The Earth is part of a solar system, made up of distinct parts, which have temporal and spatial interrelationships.

1. Earth, Sun and Moon

None

2. Energy

None

3. Solar System

None

4. View from Earth

None

ESS3 - The origin and evolution of galaxies and the universe demonstrate fundamental principles of physical science across vast distances and time.

1. Size and Scale

None

2. Stars and Galaxies

None

3. Universe

None

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1. Design Technology

None

2. Tools

None

3. Social Issues (Local and Global)

Alice In Waterland
Blue-Ribbon Niche
Dam Design
Dragonfly Pond

Plastic Jellyfish
Something's Fishy Here!
To Dam Or Not To Dam
Water's Going On?

4. Career Technical Education Connections

None

Life Science

LS1 - All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

1. Classification

Aquatic Roots

Are You Me?

Blue-Ribbon Niche

Fashion A Fish

Micro Odyssey

Water Canaries

Water We Eating?

2. Living Things and Organization

Aquatic Roots

Designing a Habitat

Eat and Glow

Fashion A Fish

Fishy Who's Who

Kelp Help

Marsh Munchers

Migration Headache

Riparian Retreat

Sockeye Scents

Water Canaries

Water Plant Art

3. Reproduction

Are You Me?

Designing a Habitat

Hooks and Ladders

Sockeye Scents

Turtle Hurdles

LS2 - Energy flows and matter recycles through an ecosystem.

1. Environment

Blue-Ribbon Niche

Eat and Glow

Edge of Home

Hooks and Ladders

Marsh Munchers

Micro Odyssey

Migration Headache

Net Gain, Net Effect

Plastic Jellyfish

Pond Succession

Puddle Wonders!

Riparian Retreat

Silt: A Dirty Word

Sockeye Scents

Something's Fishy Here!

The Glass Menagerie

To Dam Or Not To Dam

Turtle Hurdles

Water Canaries

Wetland Metaphors

What's In The Air?

What's In The Water?

Where Have All The Salmon Gone?

2. Flow of Energy
 - Designing a Habitat
 - Marsh Munchers
 - Water We Eating?

3. Recycling of Materials
 - None*

LS3 - Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

1. Change

Blue-Ribbon Niche	Something's Fishy Here!
Dragonfly Pond	The Glass Menagerie
Eat and Glow	To Dam Or Not To Dam
Edge of Home	Turtle Hurdles
Hooks and Ladders	Water Canaries
Migration Headache	What's In The Air?
Pond Succession	What's In The Water?
Puddle Wonders!	Where Have All The Salmon Gone?

2. Evolution
 - None*

3. Natural Selection

Eat and Glow	Hooks and Ladders
Edge of Home	Sockeye Scents
Fashion A Fish	Turtle Hurdles

LS4 - Humans are similar to other species in many ways, and yet are unique among Earth's life forms.

1. Behavior
 - Eat and Glow
 - Hooks and Ladders
 - Sockeye Scents

2. Disease
 - None*

3. Human Identity

Ants on a Twig	Habittracks
Beautiful Basics	Habitrekking
Everybody Needs a Home	What's That, Habitat?

LS5 - The growth of scientific knowledge in Life Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1. Design Technology
Net Gain, Net Effect
2. Tools
Micro Odyssey
Puddle Wonders!
The Glass Menagerie
3. Social Issues (Local and Global)
Net Gain, Net Effect
4. Career Technical Education Connections
None

Physical Science

PS1 - All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

1. Composition
None
2. Properties
None

PS 2 - Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.

1. Change
None
2. Conservation
None
3. Energy
None

PS 3 - The motion of an object is affected by force.

1. Forces
None
2. Motion
None

PS4 - The growth of scientific knowledge in Physical Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

1. Design Technology
None
2. Tools
None
3. Social Issues (Local and Global)
None
4. Career Technical Education Connections
None

Science Process Skills

SPS1: Scientific Inquiry and Critical Thinking Skills

1. Making Observations and Asking Questions

Alice In Waterland	Puddle Wonders!
Are You Me?	Silt: A Dirty Word
Eat and Glow	Sockeye Scents
Edge of Home	The Glass Menagerie
Fashion A Fish	Turtle Hurdles
Fishy Who's Who	Water Canaries
Hooks and Ladders	Water We Eating?
How Wet Is Our Planet?	Water's Going On?
Marsh Munchers	Watershed
Micro Odyssey	Wetland Metaphors
Migration Headache	What's In The Air?
Net Gain, Net Effect	Where Does Water Run?
Plastic Jellyfish	

2. Designing Scientific Investigations

None

3. Conducting Scientific Investigations

Eat and Glow
The Glass Menagerie
Water Canaries
What's In The Air?
Where Does Water Run?

4. Representing and Understanding Results of Investigations

Alice In Waterland	Silt: A Dirty Word
Are You Me?	Sockeye Scents
Eat and Glow	Something's Fishy Here!
Edge of Home	The Glass Menagerie
Fishy Who's Who	Turtle Hurdles
Hooks and Ladders	Water Canaries
How Wet Is Our Planet?	Water's Going On?
Marsh Munchers	Watershed
Micro Odyssey	Wetland Metaphors
Migration Headache	What's In The Air?
Net Gain, Net Effect	What's In The Water?
Plastic Jellyfish	Where Does Water Run?
Puddle Wonders!	Where Have All The Salmon Gone?

5. Evaluating Scientific Explanations

None

SPS2: Unifying Concepts of Science.

1. Nature of Science
None
2. Systems and Energy
Designing a Habitat
Dragonfly Pond
3. Models and Scale
Designing a Habitat
4. Patterns of Change
Pond Succession
5. Form and Function
Fashion A Fish

SPS3: Personal, Social, and Technological Perspectives

1. Collaboration in Scientific Endeavors
Wetland Metaphors
2. Common Environmental Issues, Natural Resources Management and Conservation
Alice In Waterland
Dam Design
Designing a Habitat
Dragonfly Pond
Eat and Glow
Edge of Home
Migration Headache
Plastic Jellyfish
Puddle Wonders!
Something's Fishy Here!
The Glass Menagerie
Turtle Hurdles
Water Canaries
Water's Going On?
What's In The Air?
Where Does Water Run?
Where Have All The Salmon Gone?
3. Science and Technology; Technological Design and Application
Dam Design
Where Does Water Run?

SPS4: Science Skills for Information, Communication and Media Literacy

1. Information and Media Literacy
Aquatic Roots
Blue-Ribbon Niche
Dam Design
Designing a Habitat
Fishy Who's Who
Kelp Help
To Dam Or Not To Dam

2. Communication Skills

Aquatic Roots
Dam Design
Fashion A Fish

Kelp Help
Something's Fishy Here!
To Dam Or Not To Dam

3. Critical Thinking and Systems Thinking

Dam Designs

4. Problem Identification, Formulation, and Solution

None

5. Creativity and Intellectual Curiosity

None

6. Interpersonal and Collaborative Skills

Dragonfly Pond
Hooks and Ladders
To Dam Or Not To Dam

7. Self Direction

None

8. Accountability and Adaptability

None

9. Social Responsibility

None

**Charts Correlating
Project WILD
and
Project WILD Aquatic
with
NH Frameworks for
Science Literacy (K-12)**

*A Handbook Linking Project WILD and Project WILD Aquatic's K-12 Activity Guide to
New Hampshire's Frameworks for Science Literacy (K-12)*

Earth Space Science*

WILD Activity	ESS1							ESS2				ESS3			ESS4				
	1	2	3	4	5	6	7	1	2	3	4	1	2	3	1	2	3	4	
Adaptation Artistry																			
And The Wolf Wore Shoes																			
Animal Charades																			
Animal Poetry																			
Ants on a Twig																			
Arctic Survival																			
Back from the Brink																			
Bearly Growing																			
Beautiful Basics																			
Bird Song Survey																			
Birds of Prey																			
Bottleneck Genes																			
Cabin Conflict																			
Can Do!																			
Career Critters																			
Carrying Capacity																			
Cartoons and Bumper Stickers																			
Changing Attitudes																			
Changing Societies																			
Changing the Land																			
Checks and Balances																			
Classroom Carrying Capacity																			
Color Crazy																			
Deer Crossing																			
Deer Dilemma																			
Does Wildlife Sell?																			
Drawing on Nature																			
Dropping in on a Deer																			


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WILD Activity	ESS1							ESS2				ESS3			ESS4				
	1	2	3	4	5	6	7	1	2	3	4	1	2	3	1	2	3	4	
Eco-Enrichers																			
Ecosystem Facelift																			
Energy Pipeline																			
Enviro-Ethics																		☸	
Environmental Barometer																			
Ethi-Reasoning																			
Ethi-Thinking																			
Everyone Needs a Home																			
Fire Ecologies																			
First Impressions																			
Flip the Switch for Wildlife																			
For Your Eyes Only																			
Forest in a Jar																			
From Bison to Bread: The American Prairie																			
Good Buddies																			
Graphanimal																			
Grasshopper Gravity																			
Habitat Lap Sit																			
Habitat Rummy																			
Habittracks																			
Habitrekking																			
Hazardous Links: Possible Solutions																			
Here Today, Gone Tomorrow																			
History of Wildlife Management																			
How Many Bears Live in This Forest?																			
Hunter, The																			
I'm Thirsty																			
Improving Wildlife Habitat in the Community																			
Interview a Spider																			


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WILD Activity	ESS1							ESS2				ESS3			ESS4				
	1	2	3	4	5	6	7	1	2	3	4	1	2	3	1	2	3	4	
Know Your Legislation What's in It for Wildlife?																			
Learning to Look, Looking to See																			
Let's Talk Turkey																			
Litter We Know																			
Lobster in Your Lunch Box																			
Make a Coat!																			
Microtrek Treasure Hunt																			
Migration Barriers																			
Move Over Rover																			
Museum Search for Wildlife																			
Muskox Maneuvers																			
My Kingdom for Shelter																			
No Water Off a Ducks Back																			
Noisy Neighbors																			
Oh Deer!																			
Owl Pellets																			
Pay to Play																			
Philosophical Differences																			
Picture Is Worth a Thousand Words, A																			
Planning For People and Wildlife																			
Planting Animals																			
Playing Lightly on the Earth																			
Polar Bears in Phoenix																			
Power of a Song, The																			
Prairie Memoirs																			
Pro & Con: Consumptive & Non-Consumptive Uses of Wildlife																			
Quick Frozen Critters																			
Rainfall and the Forest																			

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WILD Activity	ESS1							ESS2				ESS3			ESS4				
	1	2	3	4	5	6	7	1	2	3	4	1	2	3	1	2	3	4	
Rare Bird Eggs for Sale																			
Riparian Zone																			
Saturday Morning Wildlife Watching																			
Seed Need																			
Seeing Is Believing																			
Shrinking Habitat																			
Smokey Bear Said What?																			
Spider Web Geometry																			
Stormy Weather																			
Surprise Terrarium																			
Sustainability: Then, Now, Later																			
Thicket Game, The																			
Time Lapse																			
To Zone or Not To Zone																			
Too Close for Comfort																			
Tracks!																			
Turkey Trouble																			
Urban Nature Search																			
We're in This Together																			
What Bear Goes Where?																			
What Did Your Lunch Cost Wildlife?																			
What You Wear is What They Were																			
What's For Dinner?																			
What's That Habitat?																			
What's Wild?																			
Which Niche?																			
Who Fits Here?																			
Wild Bill's Fate																			
Wild Words																			

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WILD Activity	ESS1							ESS2				ESS3			ESS4			
	1	2	3	4	5	6	7	1	2	3	4	1	2	3	1	2	3	4
Wildlife as Seen on Coins and Stamps																		
Wildlife Bibliography																		
Wildlife in National Symbols																		
Wildlife Is Everywhere!																		
Wildlife Issues: Community Attitude Survey																		
Wildlife Research																		
Wildwork																		
World Travelers																		

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WILD Aquatic Activity	ESS1							ESS2				ESS3			ESS4				
	1	2	3	4	5	6	7	1	2	3	4	1	2	3	1	2	3	4	
Alice in Waterland																			
Aqua Words																			
Aquatic Roots																			
Aquatic Times																			
Are You Me?																			
Blue Ribbon Niche																			
Dam Design																			
Designing a Habitat																			
Dragonfly Pond																			
Eat and Glow																			
Edge of Home, The																			
Facts and Falsehoods																			
Fashion a Fish																			
Fishy Who's Who																			
Glass Menagerie, The																			
Hooks and Ladders																			
How Wet is Our Planet?																			
Kelp Help																			
Living Research: Aquatic Heroes and Heroines																			
Marsh Munchers																			
Mermaids and Manatees																			
Micro Odyssey																			
Migration Headache																			
Net Gain, Net Effect																			
Plastic Jellyfish																			
Pond Succession																			
Puddle Wonders!																			
Riparian Retreat																			

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WILD Aquatic Activity	ESS1							ESS2				ESS3			ESS4			
	1	2	3	4	5	6	7	1	2	3	4	1	2	3	1	2	3	4
Sea Turtles International																		
Silt: A Dirty Word																		
Sockeye Scents																		
Something's Fishy Here!																		
To Dam or Not to Dam																		
Turtle Hurdles																		
Water Canaries																		
Water Plant Art																		
Water We Eating?																		
Water Wings																		
Water's Going On?																		
Watered Down History																		
Watershed																		
Wetland Metaphors																		
Whale of a Tail																		
What's in the Air?																		
What's in the Water?																		
When a Whale Is Right																		
Where Does Water Run?																		
Where Have All the Salmon Gone?																		

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Life Science*

WILD Activity	LS1			LS2			LS3			LS4			LS5			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	4
Adaptation Artistry																
And The Wolf Wore Shoes																
Animal Charades																
Animal Poetry																
Ants on a Twig																
Arctic Survival																
Back from the Brink																
Bearly Growing																
Beautiful Basics																
Bird Song Survey																
Birds of Prey																
Bottleneck Genes																
Cabin Conflict																
Can Do!																
Career Critters																
Carrying Capacity																
Cartoons and Bumper Stickers																
Changing Attitudes																
Changing Societies																
Changing the Land																
Checks and Balances																
Classroom Carrying Capacity																
Color Crazy																
Deer Crossing																
Deer Dilemma																
Does Wildlife Sell?																
Drawing on Nature																
Dropping in on a Deer																

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WILD Activity	LS1			LS2			LS3			LS4			LS5			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	4
Eco-Enrichers																
Ecosystem Facelift																
Energy Pipeline																
Enviro-Ethics																
Environmental Barometer																
Ethi-Reasoning																
Ethi-Thinking																
Everyone Needs a Home																
Fire Ecologies																
First Impressions																
Flip the Switch for Wildlife																
For Your Eyes Only																
Forest in a Jar																
From Bison to Bread: The American Prairie																
Good Buddies																
Graphanimal																
Grasshopper Gravity																
Habitat Lap Sit																
Habitat Rummy																
Habittracks																
Habitrekking																
Hazardous Links: Possible Solutions																
Here Today, Gone Tomorrow																
History of Wildlife Management																
How Many Bears Live in This Forest?																
Hunter, The																
I'm Thirsty																
Improving Wildlife Habitat in the Community																
Interview a Spider																

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WILD Activity	LS1			LS2			LS3			LS4			LS5				
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	4	
Know Your Legislation What's in It for Wildlife?																	
Learning to Look, Looking to See																	
Let's Talk Turkey							☞										
Litter We Know																	
Lobster in Your Lunch Box	☞				☞												
Make a Coat!														☞			
Microtrek Treasure Hunt				☞											☞		
Migration Barriers				☞			☞			☞							
Move Over Rover	☞	☞		☞													
Museum Search for Wildlife																	
Muskox Maneuvers		☞							☞								
My Kingdom for Shelter		☞															
No Water Off a Ducks Back		☞		☞			☞										
Noisy Neighbors							☞								☞		
Oh Deer!		☞		☞			☞										
Owl Pellets	☞				☞											☞	
Pay to Play																	
Philosophical Differences																	
Picture Is Worth a Thousand Words, A														☞		☞	
Planning For People and Wildlife							☞										
Planting Animals		☞					☞										
Playing Lightly on the Earth																	
Polar Bears in Phoenix		☞															
Power of a Song, The																	
Prairie Memoirs				☞			☞										
Pro & Con: Consumptive & Non-Consumptive Uses of Wildlife																	
Quick Frozen Critters		☞		☞					☞								
Rainfall and the Forest				☞													

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WILD Activity	LS1			LS2			LS3			LS4			LS5			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	4
Rare Bird Eggs for Sale																
Riparian Zone				☞			☞									
Saturday Morning Wildlife Watching																
Seed Need						☞										
Seeing Is Believing		☞														
Shrinking Habitat				☞			☞									
Smokey Bear Said What?				☞			☞									
Spider Web Geometry																
Stormy Weather				☞												
Surprise Terrarium		☞														
Sustainability: Then, Now, Later																
Thicket Game, The		☞							☞							
Time Lapse	☞			☞			☞									
To Zone or Not To Zone				☞			☞									
Too Close for Comfort										☞						
Tracks!		☞														
Turkey Trouble				☞			☞									
Urban Nature Search		☞		☞												
We're in This Together																
What Bear Goes Where?	☞	☞														
What Did Your Lunch Cost Wildlife?							☞						☞			
What You Wear is What They Were													☞			
What's For Dinner?					☞	☞										
What's That Habitat?		☞														
What's Wild?	☞															
Which Niche?						☞										
Who Fits Here?	☞	☞		☞			☞									
Wild Bill's Fate																
Wild Words																

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WILD Activity	LS1			LS2			LS3			LS4			LS5				
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	4	
Wildlife as Seen on Coins and Stamps																	
Wildlife Bibliography																	
Wildlife in National Symbols																	
Wildlife Is Everywhere!																	
Wildlife Issues: Community Attitude Survey																	
Wildlife Research																	
Wildwork																	
World Travelers																	

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WILD Aquatic Activity	LS1			LS2			LS3			LS4			LS5			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	4
Alice in Waterland																
Aqua Words																
Aquatic Roots																
Aquatic Times																
Are You Me?																
Blue Ribbon Niche																
Dam Design																
Designing a Habitat																
Dragonfly Pond																
Eat and Glow																
Edge of Home, The																
Facts and Falsehoods																
Fashion a Fish																
Fishy Who's Who																
Glass Menagerie, The																
Hooks and Ladders																
How Wet is Our Planet?																
Kelp Help																
Living Research: Aquatic Heroes and Heroines																
Marsh Munchers																
Mermaids and Manatees																
Micro Odyssey																
Migration Headache																
Net Gain, Net Effect																
Plastic Jellyfish																
Pond Succession																
Puddle Wonders!																
Riparian Retreat																

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WILD Aquatic Activity	LS1			LS2			LS3			LS4			LS5				
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	4	
Sea Turtles International																	
Silt: A Dirty Word																	
Sockeye Scents																	
Something's Fishy Here!																	
To Dam or Not to Dam																	
Turtle Hurdles																	
Water Canaries																	
Water Plant Art																	
Water We Eating?																	
Water Wings																	
Water's Going On?																	
Watered Down History																	
Watershed																	
Wetland Metaphors																	
Whale of a Tail																	
What's in the Air?																	
What's in the Water?																	
When a Whale Is Right																	
Where Does Water Run?																	
Where Have All the Salmon Gone?																	



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Physical Science*

WILD Activity	PS1		PS2			PS3		PS4			
	1	2	1	2	3	1	2	1	2	3	4
Adaptation Artistry											
And The Wolf Wore Shoes											
Animal Charades											
Animal Poetry											
Ants on a Twig											
Arctic Survival											
Back from the Brink											
Bearly Growing											
Beautiful Basics											
Bird Song Survey											
Birds of Prey											
Bottleneck Genes											
Cabin Conflict											
Can Do!											
Career Critters											
Carrying Capacity											
Cartoons and Bumper Stickers											
Changing Attitudes											
Changing Societies											
Changing the Land											
Checks and Balances											
Classroom Carrying Capacity											
Color Crazy											
Deer Crossing											
Deer Dilemma											
Does Wildlife Sell?											
Drawing on Nature											
Dropping in on a Deer											

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WILD Activity	PS1		PS2			PS3		PS4			
	1	2	1	2	3	1	2	1	2	3	4
Eco-Enrichers											
Ecosystem Facelift											
Energy Pipeline											
Enviro-Ethics											
Environmental Barometer											
Ethi-Reasoning											
Ethi-Thinking											
Everyone Needs a Home											
Fire Ecologies											
First Impressions											
Flip the Switch for Wildlife											
For Your Eyes Only											
Forest in a Jar											
From Bison to Bread: The American Prairie											
Good Buddies											
Graphanimal											
Grasshopper Gravity											
Habitat Lap Sit											
Habitat Rummy											
Habittracks											
Habitrekking											
Hazardous Links: Possible Solutions											
Here Today, Gone Tomorrow											
History of Wildlife Management											
How Many Bears Live in This Forest?											
Hunter, The											
I'm Thirsty											
Improving Wildlife Habitat in the Community											
Interview a Spider											

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WILD Activity	PS1		PS2			PS3		PS4			
	1	2	1	2	3	1	2	1	2	3	4
Know Your Legislation What's in It for Wildlife?											
Learning to Look, Looking to See											
Let's Talk Turkey											
Litter We Know											
Lobster in Your Lunch Box											
Make a Coat!											
Microtrek Treasure Hunt											
Migration Barriers											
Move Over Rover											
Museum Search for Wildlife											
Muskox Maneuvers											
My Kingdom for Shelter											
No Water Off a Ducks Back											
Noisy Neighbors											
Oh Deer!											
Owl Pellets											
Pay to Play											
Philosophical Differences											
Picture Is Worth a Thousand Words, A											
Planning For People and Wildlife											
Planting Animals											
Playing Lightly on the Earth											
Polar Bears in Phoenix											
Power of a Song, The											
Prairie Memoirs											
Pro & Con: Consumptive & Non-Consumptive Uses of Wildlife											
Quick Frozen Critters											
Rainfall and the Forest											
Rare Bird Eggs for Sale											

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WILD Activity	PS1		PS2			PS3		PS4			
	1	2	1	2	3	1	2	1	2	3	4
Riparian Zone											
Saturday Morning Wildlife Watching											
Seed Need											
Seeing Is Believing											
Shrinking Habitat											
Smokey Bear Said What?											
Spider Web Geometry											
Stormy Weather											
Surprise Terrarium											
Sustainability: Then, Now, Later											
Thicket Game, The											
Time Lapse											
To Zone or Not To Zone											
Too Close for Comfort											
Tracks!											
Turkey Trouble											
Urban Nature Search											
We're in This Together											
What Bear Goes Where?											
What Did Your Lunch Cost Wildlife?											
What You Wear is What They Were											
What's For Dinner?											
What's That Habitat?											
What's Wild?											
Which Niche?											
Who Fits Here?											
Wild Bill's Fate											
Wild Words											
Wildlife as Seen on Coins and Stamps											

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WILD Activity	PS1		PS2			PS3		PS4			
	1	2	1	2	3	1	2	1	2	3	4
Wildlife Bibliography											
Wildlife in National Symbols											
Wildlife Is Everywhere!											
Wildlife Issues: Community Attitude Survey											
Wildlife Research											
Wildwork											
World Travelers											

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WILD Aquatic Activity	PS1		PS2			PS3		PS4			
	1	2	1	2	3	1	2	1	2	3	4
Alice in Waterland											
Aqua Words											
Aquatic Roots											
Aquatic Times											
Are You Me?											
Blue Ribbon Niche											
Dam Design											
Designing a Habitat											
Dragonfly Pond											
Eat and Glow											
Edge of Home, The											
Facts and Falsehoods											
Fashion a Fish											
Fishy Who's Who											
Glass Menagerie, The											
Hooks and Ladders											
How Wet is Our Planet?											
Kelp Help											
Living Research: Aquatic Heroes and Heroines											
Marsh Munchers											
Mermaids and Manatees											
Micro Odyssey											
Migration Headache											
Net Gain, Net Effect											
Plastic Jellyfish											
Pond Succession											
Puddle Wonders!											
Riparian Retreat											
Sea Turtles International											

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WILD Aquatic Activity	PS1		PS2			PS3		PS4			
	1	2	1	2	3	1	2	1	2	3	4
Silt: A Dirty Word											
Sockeye Scents											
Something's Fishy Here!											
To Dam or Not to Dam											
Turtle Hurdles											
Water Canaries											
Water Plant Art											
Water We Eating?											
Water Wings											
Water's Going On?											
Watered Down History											
Watershed											
Wetland Metaphors											
Whale of a Tail											
What's in the Air?											
What's in the Water?											
When a Whale Is Right											
Where Does Water Run?											
Where Have All the Salmon Gone?											

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Science Process Skills*

WILD Activity	SPS1					SPS2					SPS3			SPS4								
	1	2	3	4	5	1	2	3	4	5	1	2	3	1	2	3	4	5	6	7	8	9
Adaptation Artistry										☞							☞					
And The Wolf Wore Shoes	☞																					
Animal Charades	☞																					
Animal Poetry																						
Ants on a Twig	☞																					
Arctic Survival																						
Back from the Brink				☞								☞		☞	☞							
Bearly Growing	☞			☞																		
Beautiful Basics																						
Bird Song Survey	☞		☞	☞								☞										
Birds of Prey		☞		☞					☞													
Bottleneck Genes				☞				☞														
Cabin Conflict																						
Can Do!												☞					☞					
Career Critters				☞																		
Carrying Capacity	☞			☞																		
Cartoons and Bumper Stickers																						
Changing Attitudes																						
Changing Societies																						
Changing the Land	☞			☞								☞			☞				☞			
Checks and Balances				☞								☞										
Classroom Carrying Capacity																						
Color Crazy																						
Deer Crossing												☞		☞	☞							
Deer Dilemma				☞								☞		☞					☞			
Does Wildlife Sell?																						
Drawing on Nature																						
Dropping in on a Deer	☞		☞	☞								☞										

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WILD Activity	SPS1					SPS2					SPS3			SPS4								
	1	2	3	4	5	1	2	3	4	5	1	2	3	1	2	3	4	5	6	7	8	9
Eco-Enrichers	☞		☞	☞																		
Ecosystem Facelift							☞					☞			☞							
Energy Pipeline				☞																		
Enviro-Ethics												☞										☞
Environmental Barometer	☞			☞								☞										
Ethi-Reasoning				☞															☞			
Ethi-Thinking															☞	☞						
Everyone Needs a Home																						
Fire Ecologies	☞											☞			☞							
First Impressions															☞							
Flip the Switch for Wildlife												☞		☞								
For Your Eyes Only																						
Forest in a Jar	☞	☞	☞	☞																		
From Bison to Bread: The American Prairie				☞										☞	☞							
Good Buddies				☞										☞	☞							
Graph-animal	☞			☞																		
Grasshopper Gravity	☞									☞												
Habitat Lap Sit							☞															
Habitat Rummy														☞								
Habittracks	☞	☞																				
Habitrekking	☞																					
Hazardous Links: Possible Solutions				☞										☞								
Here Today, Gone Tomorrow				☞										☞								
History of Wildlife Management														☞								
How Many Bears Live in This Forest?	☞			☞																		
Hunter, The																						

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WILD Activity	SPS1					SPS2					SPS3			SPS4								
	1	2	3	4	5	1	2	3	4	5	1	2	3	1	2	3	4	5	6	7	8	9
I'm Thirsty				🕷																		
Improving Wildlife Habitat in the Community													🕷	🕷		🕷						
Interview a Spider														🕷	🕷							
Know Your Legislation: What's in It for Wildlife?																						
Learning to Look, Looking to See	🕷																					
Let's Talk Turkey													🕷	🕷								
Litter We Know												🕷	🕷									
Lobster in Your Lunch Box	🕷			🕷																		
Make a Coat!															🕷							
Microtrek Treasure Hunt	🕷																					
Migration Barriers													🕷									
Move Over Rover				🕷								🕷			🕷	🕷						
Museum Search for Wildlife				🕷																		
Muskox Maneuvers																						
My Kingdom for Shelter	🕷												🕷	🕷								
No Water Off a Ducks Back	🕷		🕷																			
Noisy Neighbors	🕷		🕷	🕷										🕷								
Oh Deer!	🕷			🕷				🕷														
Owl Pellets				🕷																		
Pay to Play																						
Philosophical Differences																						
Picture Is Worth a Thousand Words, A	🕷			🕷																		
Planning For People and Wildlife													🕷	🕷	🕷	🕷				🕷		
Planting Animals													🕷	🕷	🕷	🕷						
Playing Lightly on the Earth																						
Polar Bears in Phoenix																	🕷					

* See end of document for abbreviated domains and associated strands.

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WILD Activity	SPS1					SPS2					SPS3			SPS4								
	1	2	3	4	5	1	2	3	4	5	1	2	3	1	2	3	4	5	6	7	8	9
Power of a Song, The																						
Prairie Memoirs														🕷								
Pro & Con: Consumptive & Non-Consumptive Uses of Wildlife																						
Quick Frozen Critters				🕷																		
Rainfall and the Forest				🕷					🕷					🕷								
Rare Bird Eggs for Sale																						
Riparian Zone				🕷								🕷		🕷	🕷				🕷			
Saturday Morning Wildlife Watching																						
Seed Need	🕷									🕷												
Seeing Is Believing	🕷			🕷											🕷							
Shrinking Habitat																						
Smokey Bear Said What?														🕷	🕷							
Spider Web Geometry	🕷												🕷	🕷	🕷							
Stormy Weather																						
Surprise Terrarium	🕷																					
Sustainability: Then, Now, Later														🕷	🕷							
Thicket Game, The	🕷																					
Time Lapse	🕷								🕷													
To Zone or Not To Zone												🕷		🕷						🕷		
Too Close for Comfort												🕷										
Tracks!	🕷																					
Turkey Trouble	🕷			🕷																		
Urban Nature Search																						
We're in This Together																						
What Bear Goes Where?															🕷							
What Did Your Lunch Cost Wildlife?														🕷	🕷							

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WILD Activity	SPS1					SPS2					SPS3			SPS4									
	1	2	3	4	5	1	2	3	4	5	1	2	3	1	2	3	4	5	6	7	8	9	
What You Wear is What They Were	☞																						
What's For Dinner?				☞																			
What's That Habitat?																							
What's Wild?	☞													☞									
Which Niche?	☞													☞	☞								
Who Fits Here?														☞	☞								
Wild Bill's Fate																							
Wild Words																							
Wildlife as Seen on Coins and Stamps																							
Wildlife Bibliography																							
Wildlife in National Symbols																							
Wildlife Is Everywhere!	☞																						
Wildlife Issues: Community Attitude Survey																							
Wildlife Research	☞	☞	☞	☞																			
Wildwork														☞	☞								
World Travelers	☞		☞	☞								☞		☞	☞								

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WILD Aquatic Activity	SPS1					SPS2					SPS3			SPS4									
	1	2	3	4	5	1	2	3	4	5	1	2	3	1	2	3	4	5	6	7	8	9	
Alice in Waterland																							
Aqua Words																							
Aquatic Roots																							
Aquatic Times																							
Are You Me?																							
Blue Ribbon Niche																							
Dam Design																							
Designing a Habitat																							
Dragonfly Pond																							
Eat and Glow																							
Edge of Home, The																							
Facts and Falsehoods																							
Fashion a Fish																							
Fishy Who's Who																							
Glass Menagerie, The																							
Hooks and Ladders																							
How Wet is Our Planet?																							
Kelp Help																							
Living Research: Aquatic Heroes and Heroines																							
Marsh Munchers																							
Mermaids and Manatees																							
Micro Odyssey																							
Migration Headache																							
Net Gain, Net Effect																							
Plastic Jellyfish																							
Pond Succession																							
Puddle Wonders!																							

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WILD Aquatic Activity	SPS1					SPS2					SPS3			SPS4								
	1	2	3	4	5	1	2	3	4	5	1	2	3	1	2	3	4	5	6	7	8	9
Riparian Retreat																						
Sea Turtles International																						
Silt: A Dirty Word																						
Sockeye Scents																						
Something's Fishy Here!																						
To Dam or Not to Dam																						
Turtle Hurdles																						
Water Canaries																						
Water Plant Art																						
Water We Eating?																						
Water Wings																						
Water's Going On?																						
Watered Down History																						
Watershed																						
Wetland Metaphors																						
Whale of a Tail																						
What's in the Air?																						
What's in the Water?																						
When a Whale Is Right																						
Where Does Water Run?																						
Where Have All the Salmon Gone?																						

* See end of document for abbreviated domains and associated strands.

Earth Space Science

ESS1 - The Earth and Earth materials, as we know them today, have developed over long periods of time, through constant change processes.

ESS2 - The Earth is part of a solar system, made up of distinct parts, which have temporal and spatial interrelationships.

ESS3 - The origin and evolution of galaxies and the universe demonstrate fundamental principles of physical science across vast distances and time.

ESS4 - The growth of scientific knowledge in Earth Space Science has been advanced through the development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

Life Science

LS1 – All living organisms have identifiable structures and characteristics that allow for survival (organisms, populations, & species).

LS2 – Energy flows and matter recycles through an ecosystem.

LS3 – Groups of organisms show evidence of change over time (e.g. evolution, natural selection, structures, behaviors, and biochemistry).

LS4 – Humans are similar to other species in many ways, and yet are unique among Earth's life

LS5 – The growth of scientific knowledge in Life Science has been advanced through development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

Physical Science

PS1 – All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size/amount of substance).

PS2 – Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.

PS3 – The motion of an object is affected by force.

PS4 – The growth of scientific knowledge in Physical Science has been advanced through development of technology and is used (alone or in combination with other sciences) to identify, understand and solve local and global issues.

Science Process Skills

SPS1 – Scientific Inquiry and Critical Thinking Skills

SPS2 – Unifying Concepts of Science

SPS3 – Personal, Social, and Technological Perspectives

SPS4 – Science Skills for Information, Communication and Media Literacy

The complete text for the NH Frameworks for Science Literacy is available online at <http://www.ed.state.nh.us>.