<table>
<thead>
<tr>
<th>Lesson/Activity Title</th>
<th>Pennsylvania Standard (4th Grade)</th>
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</table>
| What is a forest steward? | 4.2.4.A Identify needs of people.  
- Identify plants, animals, water, air, minerals and fossil fuels as natural resources.  
- Explain air water and nutrient cycles.  
- Identify how the environment provides for the needs of people. |
| Total Makeover | 4.2.4.A Identify needs of people.  
- Identify plants, animals, water, air, minerals and fossil fuels as natural resources.  
- Explain air water and nutrient cycles.  
- Identify how the environment provides for the needs of people. |
| Wildlife Signs | 4.2.4.A Identify needs of people.  
- Identify plants, animals, water, air, minerals and fossil fuels as natural resources.  
- Explain air water and nutrient cycles.  
- Identify how the environment provides for the needs of people. |
| What Kinds of Forests Do Forest Stewards own? | 4.2.4.A Identify needs of people.  
- Identify plants, animals, water, air, minerals and fossil fuels as natural resources.  
- Explain air water and nutrient cycles.  
- Identify how the environment provides for the needs of people.  
4.2.4.C Know that some natural resources have limited Life spans. |
| **Do Forest Stewards Like Wildlife?** | **4.2.4.A**  
Identify needs of people.  
- Identify plants, animals, water, air, minerals and fossil fuels as natural resources.  
- Explain air water and nutrient cycles.  
- Identify how the environment provides for the needs of people.  
**4.2.4.C**  
Know that some natural resources have limited Life spans.  
- Identify renewable and non renewable resources used in the local community  
- Identify various means of conserving natural resources.  
- Know that natural resources have varying life spans. |
| **What's Fun about the Woods?** | **4.2.4.A**  
Identify needs of people.  
- Identify plants, animals, water, air, minerals and fossil fuels as natural resources.  
- Explain air water and nutrient cycles.  
- Identify how the environment provides for the needs of people.  
**4.2.4.C**  
Know that some natural resources have limited Life spans.  
- Identify renewable and non renewable resources used in the local community  
- Identify various means of conserving natural resources.  
- Know that natural resources have varying life spans. |
| 4.2.4.D | Identify by-products and their use of natural resources.  
• Understand the waste stream.  
• Identify those items that can be recycled and those that cannot.  
• Identify use of reusable products  
• Identify the use of compost, landfills and incinerators |
| --- | --- |
| **Why Do Forest Stewards Own Their Woods?** | **4.2.4.A** Identify needs of people.  
• Identify plants, animals, water, air, minerals and fossil fuels as natural resources.  
• Explain air, water, and nutrient cycles.  
• Identify how the environment provides for the needs of people. |
| **4.2.4.B** Identify products derived from natural resources.  
• Identify products made from trees  
• Identify by-products of plants and animals.  
• Identify the sources of manmade products (e.g., plastics, metal, aluminum, fabrics, paper, cardboard). |
| **Closer looks** | **4.2.4.C** Know that some natural resources have limited life spans.  
• Identify renewable and non-renewable resources used in the local community  
• Identify various means of conserving natural resources.  
• Know that natural resources have varying life spans. |
| **What are Forest Products?** | **4.2.4.A** Identify needs of people.  
• Identify plants, animals, water, air, minerals and fossil fuels as natural resources. |
| 4.2.4.B | Identify products derived from natural resources.  
|         | • Identify products made from trees  
|         | • Identify by-products of plants and animals.  
|         | • Identify the sources of manmade products (e.g., plastics, metal, aluminum, fabrics, paper, cardboard). |

| 4.2.4.C | Know that some natural resources have limited life spans.  
|         | • Identify renewable and non-renewable resources used in the local community  
|         | • Identify various means of conserving natural resources.  
|         | • Know that natural resources have varying life spans. |

| Don't Forest Stewards Want to Protect Their Forests and “save” the trees? | 4.2.4.C | Know that some natural resources have limited life spans.  
| | • Identify renewable and non-renewable resources used in the local community  
| | • Identify various means of conserving natural resources.  
| | • Know that natural resources have varying life spans. |

| What Are Special Places in the Forests? | 4.1.4.A | Identify various types of water environments  
| | • Identify the lotic system (e.g., creeks, rivers, streams).  
| | • Identify the lentic system (e.g., ponds, lakes, swamps).  

| 4.1.4.B | Explain the differences between moving and still water.  
|         | • Explain why water moves or does not |
- Identify types of precipitation.

4.1.4.D
Identify a wetland and the plants and animals found there.
- Identify different kinds of wetlands.
- Identify plants and animals found in wetlands.
- Explain wetlands as habitats for plants and animals.

Recognize the impact of watersheds and wetlands on plants and animals.