York County ENVIROTHON

2027

Forestry Resources for 5th – 8th Grades

Testing Resources

1. Identification Pages for the Tree Species Below – focus on Identification Features and Human Value
2. Tree Identification Basics
3. Summer Key for Pennsylvania Trees
4. Leaf Characteristics
5. From the Forest
6. Hardwood Lumber
7. Incredible Wood
8. Maple Syrup
9. Paper!
10. People & Trees
11. The Right Chemistry (pgs. 1-4 only) – Middle School Only
12. How hardwood is Processed
13. We Rely On What Our Forests Produce – Middle School Only
14. Christmas Trees
15. Baseball Bats

Tree Species List

black cherry	black walnut	black willow	Eastern hemlock
Eastern red cedar	Eastern white pine	Northern red oak	sassafras
Scots Pine	shagbark hickory	sugar maple	sweet birch
white ash	white oak	witchhazel	

Students should be able to identify the fruit for these 8 tree species as well as the leaf.

Focus:

- Identify the trees on the tree species list.
- Identify the fruit of the 8 trees noted above on the tree species list.
- Learn vocabulary in both the Leaf Characteristics and the Tree Identification Basics resources.
- Be able to key any Pennsylvania tree using the Summer Key for Pennsylvania Trees.
- Learn the human value of the trees on the tree species list, focus on the bolded information.
- Learn the differences between hardwoods and softwoods.
- Learn about a variety of forest products & how they are used.
- Understand the basic process of making paper and maple syrup.

Sample Questions:

Write the COMPLETE tree species name on your answer sheet.

Eastern white pine

What is the main component of wood pulp?

A. **Fibers**
B. Lignin
C. Bark
D. Water