



Christmas Tree Worksheet

Objective(s):

Students will be able to identify different types of ornamental trees and understand the different purposes of each.

Indiana Academic Standards:

Natural Resources

NR-4.3 Identify, assess, and apply the uses of natural resources.

National Agricultural Literacy Outcomes

Plants and Animals for Food, Fiber & Energy Outcomes

T2.9-12a. Compare and contrast the differences between nature's plant and animal lifecycles with agricultural systems.

Materials:

- Writing utensil
- Student worksheet

Name: _____



Just as there are different varieties of crop plants, there are different varieties of trees used as decoration for the holiday season. In addition, there are other uses for Christmas trees aside from using them for decoration. **Use your electronic device or library to research these different types of trees and list some of their many uses.**



Balsam Fir



Scotch Pine



Douglas Fir



Virginia Pine



White Pine



Blue Spruce



Teacher Answer Key

Balsam Fir: The lumber from this is used for the framing on buildings.

Douglas Fir: This tree makes up nearly half of the Christmas trees grown in the United States. This tree is popular for construction lumber and for Plywood (material made of layers of wood that is glued together).

White Pine: This wood is the most popular for cabinet making, as the wood is softer and lighter.

Scotch Pine: This tree has the most needle retention, meaning less cleanup for your house. Scotch Pine trees are one of the only trees that is used to create edible substances once it is mature.

Virginia Pine: Used for heavy construction such as bridges, beams, poles, railroad ties, etc.

Blue Spruce: Other than it being considered to have the Christmas tree shape, the blue spruce is used for the protection of land against wind erosion. It is used as a windbreak where land is flat and susceptible to strong winds. This means that their trunks and branches are very strong.

Supplemental Information

- Christmas trees are a year-round business.
- It takes almost seven years for a Christmas tree to grow to full size.
- Once the tree reaches the desired size, the farmer begins "shearing" the tree, which helps train the growth and the shape of the branches.
- Indiana's largest Christmas tree farm, Dull's Tree Farm, is located in Thorntown, Indiana.
- If you cut a tree above several of its lowest branches, the stump can grow a new tree.
- Americans use nearly 35 million Christmas trees annually.
- Christmas tree farmers contribute almost \$1.5 billion to the economy.
- **Careers:** Landscaper, horticulture technician, Christmas tree farm manager and conservation technician