

Mission

The *Trees to Products* teacher's program is designed to provide teachers with factual and credible information about Virginia's hardwood forests. We link these concepts to the Virginia Standards of Learning and provide training in *Project Learning Tree* activities. A variety of hardwood forest management techniques and forest product industries will be examined in detail. The goal is to offer teachers an in-the-field tour of sustainable forest management techniques. These management practices not only provide raw materials for processing at local forest product industries but also provide wildlife habitat, recreational opportunities, and sustain forest health to maintain the watershed and water quality. The wood products produced are widely used in today's society. Teachers will see and learn about the sustainable and renewable resource of trees and how trees are converted into a variety of everyday products.

Tentative Agenda

Monday, July 8

Noon Registration & Lunch
1:00 Depart for Research & Education Center: Appalachian

forests; mining & reforestation; and Project Learning Tree activities

5:00 Dinner and program at Mountain Rose Vineyard on Hardwood Veneer

Tuesday, July 9

7:00 Continental breakfast
8:00 Depart for High Knob area: forest stand & habitat structure in various age classes; prescribed fire application

Noon Lunch

1:00 Project Learning Tree activities & VA SOLs

3:30 Wetlands Estonoa

6:00 Dinner & SW VA Chapter SAF meeting and speaker

Wednesday, July 10

7:00 Continental breakfast
8:00 Depart for Southern Forest Products log yard & sawmill
9:30 Tour Mullican Flooring Plant
Noon Lunch
1:00 Unaka Forest Products Chipmill
2:00 Domtar Packaging Company
6:00 Dinner & Speaker: DWR, Wildlife Biologist

Thursday, July 11

7:00 Continental breakfast and check out
8:00 Speyside Cooperage: the Making of a Bourbon Barrel
Noon Lunch, Program evaluation & certificate

Example of SOLs covered

Grade 4

4.5d) habitats and niches
4.5f) influence of human activity on ecosystems
4.8a) watershed and water resources
4.8d) forests, soil, and land

Grade 6

6.9a) management of renewable resources
6.9c) mitigation of land-use and environmental hazards through preventive measures
6.9d) cost/benefit tradeoffs in conservation policies

Life Science

LS.12e) environmental issues

Biology

BIO.9c) succession patterns in ecosystems
BIO.9d) effects of natural events and human influences on ecosystems

See a complete list of SOLs covered in the program at:

<http://www.ext.vt.edu/topics/environment-resources/woodland-management/training/trees-to-products/sols.pdf>

Registration

Due June 30, 2024

<https://forms.gle/NHsbmGdwuqqCSZf19>

Program Information

This educational program is field based so please be prepared to be outdoors and in the forest. Some walking will be required but we will be traveling by van to various tour stops (some indoors and some outdoors). Bring appropriate shoes and clothing to be in the environment and tour industrial facilities.

Contact:

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Program Coordinators

Southwest VA Chapter
Society of American Foresters
and
Virginia Cooperative Extension

Program Supporters

Clinch District – USFS
Big Timber Superior Hardwoods
and Veneer
Domtar Packaging Company
Mullican Flooring
Powell River Project Research &
Education Center
The Forestland Group LLC
Southern Forest Products
Speyside Cooperage
Unaka Forest Products Inc.
Virginia Forestry Association
Virginia Forestry Educational
Foundation
Virginia Department of Wildlife
Resources
Virginia Department of Forestry



Trees to Products Program for Teachers

Virginia's Hardwood Forests

Production & Utilization

Environmental & Social Issues

VA SOL Related
Field Program
For Teachers
K – 12

July 8 – 11, 2024

Lodging & Meals Provided
In Wise Virginia

This program offers 30 hours of professional development credit, including **Project Learning Tree** certification, upon completion.