

Mission

The *Trees to Products* teachers' 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 products 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 products industries but also provide wildlife habitat, recreational opportunities, and sustain forest health to maintain the viewshed 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 Powell River Project 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 facility  
Noon Lunch: Mullican Flooring  
1:00 Depart for Virginia Forest Products Sawmill and Unaka Forest Products Chipmill  
6:00 Dinner & Speaker: DG&IF, Forests & Deer/Bear/Turkey  
Thursday, July 11  
7:00 Continental breakfast and check out  
8:00 Domtar Paper Co LLC, mill & sheeting facility

Noon Lunch: Domtar. Program evaluation & certificate presentation; Depart for home not later than 2:00

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 NLT June 30, 2019

Name: \_\_\_\_\_ Female \_\_\_\_\_ Male \_\_\_\_\_  
School: \_\_\_\_\_ Subject: \_\_\_\_\_  
Home phone: \_\_\_\_\_ Grade: \_\_\_\_\_ E-mail: \_\_\_\_\_

Program limited to a maximum of 20 participants  
If you are a person with a disability and desire any assistive devices, services or other accommodations to participate in this activity, please contact Bill Worrell at 276-889-8056 during business hours of 8:00 a.m. and 4:30 p.m. to discuss accommodations 5 days prior to the event. \*TDD number is (800) 828-1120. Virginia Cooperative Extension programs and employment are open to all, regardless of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, veteran status, or any other basis protected by law. An equal opportunity/affirmative action employer. Issued in furtherance of Cooperative Extension work, Virginia Polytechnic Institute and State University, Virginia State University, and the U.S. Department of Agriculture cooperating. Edwin J. Jones, Director, Virginia Cooperative Extension, Virginia Tech, Blacksburg; M. Ray McKinnie, Interim Administrator, 1890 Extension Program, Virginia State University, Petersburg.

NOTE: A \$25 DOLLAR NON-REFUNDABLE REGISTRATION FEE MUST ACCOMPANY APPLICATION  
Make check payable to: SW Chapter SAF (Refundable only if class is full)

Return Registration to:

Bill Worrell  
VCE – Russell County  
PO Box 697  
Lebanon, VA 24266

## 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:  
Bill Worrell, CF  
Extension Agent  
Forestry & Natural Resources  
VCE SW District  
276-889-8056  
[bworrell@vt.edu](mailto:bworrell@vt.edu)

## Program Coordinators

Southwest VA Chapter  
Society of American Foresters



## Program Supporters

Black Diamond Resource  
Conservation and Development  
  
Clinch District – USFS  
  
Big Timber Superior Hardwoods  
and Veneer  
  
Domtar Paper Co LLC  
  
Mullican Flooring  
  
Powell River Project Research &  
Education Center  
  
The Forestland Group LLC  
  
The Forest Management Co.  
  
Southern Forest Products  
  
Unaka Forest Products Inc.  
  
Virginia Forest Products LLC  
  
Virginia Forestry Association  
  
Virginia Forestry Educational  
Foundation  
  
Virginia Department of Game &  
Inland Fisheries  
  
Virginia Department of Forestry



## Trees to Products



## Production & Utilization

## Environmental & Social Issues

VA SOL Related  
Field Program  
For Teachers  
K – 12

**July 8 – 11, 2019**

Lodging & Meals Provided  
In Wise Virginia

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