

# Instructional Scenario

## Timber Production



Course/Duty Area: Operating the Farm Business/Managing a Forest Enterprise

### Scenario:

Mr. Davis has a 55-acre farm that he wants to manage for timber production to be a source of retirement income in the next 25 to 30 years. He has contacted you about what types of trees he should have planted in this area.

### Big Question:

What species of trees would you recommend planting in this area to meet Mr. Davis's goal of harvesting in 25 to 30 years? Why? What is Mr. Davis's retirement income goal?

### Focused Questions:

- What are 10 species of trees in your county that are considered crop trees?
- What are the advantages and disadvantages of each species of tree?
- What are the marketable products of each species of trees?

### Student Project or Outcome:

Students can create a slideshow of each of the 10 varieties of trees that they selected, with the final slide providing their recommendation for how Mr. Davis can best manage the 55 acres of land. Students can then present their slideshow to the class.

### Project-Based Assessment:

- Take students on a field trip to a local tree farm.
- Have students produce posters to promote forest management.
- Ask a local forester to visit the class and make a presentation on forest management practices.

### Teacher Resources:

- [Virginia Department of Forestry](#)
- [Forest Products](#), Forest Service, U.S. Department of Agriculture

*Scenario submitted by Stuart Byrd, Lord Botetourt High School, Botetourt County Public Schools*