

Expectations and Outcomes

Grade Level/Course: 9-12

Content Area: Agriculture

Unit Title	Guarantees
Week #1	<ul style="list-style-type: none"> • Demonstrate classroom and course expectations. • Devise and compile records on a Supervised Agricultural Experience program (SAE). • Describe opportunities in the FFA.
Week #2	<ul style="list-style-type: none"> • Interpret legal land descriptions. • Use a compass to navigate. • Explain land capability class system.
Week #3	<ul style="list-style-type: none"> • Interpret a soil survey. • Describe land use & planning concepts. • Generate management goals for a 40-acre parcel of land. • Identify common Jackson County forest trees.
Week #4	<ul style="list-style-type: none"> • Estimate standing timber volume. • Describe the different methods of harvesting trees and explain the advantages & disadvantages of each. • Generate a plant inventory & management plan for a 40-acre parcel of land.
Week #5	<ul style="list-style-type: none"> • Diagram a watershed. • Analyze water's quality. • Describe the properties of groundwater. • Explain the impact of wastes on groundwater quality. • Generate a water management plan for a 40-acre parcel of land.
Week #6	<ul style="list-style-type: none"> • Identify parts of a soil profile. • Predict a soil's characteristics based on its physical properties. • Estimate the amount of soil loss of a given area of land using the universal soil loss equation.

Unit Title	Guarantees
Week #7	<ul style="list-style-type: none">• Describe the impact of land conservation structures on soil loss and water pollution.• Generate a soil management plan for a 40-acre parcel of land.• Identify common Jackson County wildlife.
Week #8	<ul style="list-style-type: none">• Demonstrate construction of a wildlife management practice.• Generate a wildlife management plan for a 40-acre parcel of land.• Assess and summarize a variety of current environmental issues.
Week #9	<ul style="list-style-type: none">• Assess and summarize a variety of current environmental issues.• Present a summary of a current environmental issue.