

## CURRICULUM MAP AGRICULTURAL SCIENCE II

August/September	October	November	December
<p><b>History</b> *Review Agricultural history. *Review livestock species information.</p> <p><b>Weed Science</b> *Identify weeds and the problems they cause. *Identify methods of controlling weeds. *Demonstrate how to properly use the label and precautions for chemicals used in weed control. *Chemical uses, sprayer calibrations, chemical labels and safety procedures.</p> <p><b>Soil Science</b> *Identify general soil characteristics for urban uses. *Demonstrate proficient use of urban score card. *Rural uses *Contest preparation.</p>	<p><b>1. Animal Science</b> <b>*Nutrition</b> *Determine six nutrient groups and their functions. *Identify parts and managastric digestive system. Identify different types of feed and feed additives. *Correctly balance a ration for a nutrient</p> <p>A. Reproduction Explain the process, list and describe the parts of male and female reproduction.</p> <p>B. Genetics Identify the basic cell Describe how traits are passed from parents to offspring through genetic transfer.</p> <p>C. Management Identify quality management practices to be used in livestock industry.</p> <p><b>2. Crop Production</b></p> <ol style="list-style-type: none"> <li>1. Seed germination</li> <li>2. Identification</li> <li>3. Cropping systems</li> </ol>	<p><b>Crop Science</b> *Identify regional crops *Identify methods of planting, fertilizing, harvesting, and marketing crops.</p> <p><b>Tobacco</b> *Become familiar with tobacco in history in U.S. *Different steps involved in producing burley tobacco. *Identify tobacco marketing and grading systems. *Demonstrate tobacco grading</p>	<p><b>Fruit Sales</b> *Build and develop customer relationships *Utilize documents using spreadsheets <b>*Technology</b> use student sales records on computer.</p> <p><b>Tobacco</b> *Become familiar with tobacco in history in U.S. *Different steps involved in producing burley tobacco. *Identify tobacco marketing and grading systems. *Demonstrate tobacco grading</p> <p><b>Recordkeeping</b> *Project Books *General recordkeeping</p>

## CURRICULUM MAP AGRICULTURAL SCIENCE II

January	February	March/April	May
<p><b>Shop Safety</b> <b>Metal and wood fabrication/preparation</b> *Demonstrate proper and safe use of all tools and equipment. *Tool I.D. *Hardware I.D. *Lumber grading I.D. *Safety demonstrations, Maintain a consistently safe work environment. *Project planning – Blue prints *Measurement and conversions *Advanced woodworking skills – Construction and finishing.</p> <p><b>Public Speaking</b> *5 minute prepared speech over own agricultural topic.</p>	<p><b>Lab</b> <b>Rotation system for welding.</b> *Demonstrate proper and safe use of all tools and equipment. *Tool I.D. *Shop safety *Hardware I.D. *Lumber grading I.D. *Safety demonstrations, Maintain a consistently safe work environment. *Pass a written safety test over each piece of power equipment. *Measurement and conversions</p> <p><b>Metal/Wood fabrication</b> *Construction techniques *Articulate planning and construction.</p> <p><b>School Improvements</b> *Athletic/play/prom</p> <p><b>Greenhouse production</b> *Demonstrate plant propagation and management techniques. *Plant ID *Transplanting seedlings. *Livestock evaluation. *County/State fair project selection.</p>	<p><b>Lab Work - Projects</b> <b>*FFA awards banquet, planning and preparation.</b></p> <p>*Demonstrate proper and safe use of all tools and equipment. *Tool I.D. *Shop safety *Hardware I.D. *Lumber grading I.D. *Safety demonstrations, Maintain a consistently safe work environment. *Pass a written safety test over each piece of power equipment. *Measurement and conversions</p> <p><b>Metal/Wood fabrication</b> *Construction techniques *Articulate planning and construction.</p> <p><b>School Improvements</b> *Athletic/play/prom</p> <p><b>Greenhouse production</b> *Demonstrate plant propagation and management techniques. *Plant ID *Transplanting seedlings. *Livestock evaluation. *County/State fair project selection.</p>	<p><b>Finished Projects Due</b> *Demonstrate proper and safe use of all tools and equipment. *Tool I.D. *Shop safety *Hardware I.D. *Lumber grading I.D. *Safety demonstrations, Maintain a consistently safe work environment. *Pass a written safety test over each piece of power equipment. *Measurement and conversions</p> <p><b>Metal/Wood fabrication</b> *Construction techniques *Articulate planning and construction.</p> <p><b>School Improvements</b> *Athletic/play/prom</p> <p><b>Greenhouse production</b> *Demonstrate plant propagation and management techniques. *Plant ID *Transplanting seedlings. *Livestock evaluation. *County/State fair project selection.</p> <p style="text-align: right;">12/14/2005</p>