

Conneaut School District — Agriculture Education Curriculum Map

Agriculture Education II Grades 10-12 90 minutes/18 weeks

Time Line	Content	Standards	Skills	Assessment
.5 wks	<p><b>INTRODUCTION,</b></p> <ul style="list-style-type: none"> <li>• Introduction to Agriculture</li> <li>• Shop orientation and Procedures</li> </ul>	<p><b>4.4</b> <b>10.3</b></p>	<ul style="list-style-type: none"> <li>• Local, national and global aspects of Agriculture</li> <li>• Economic importance</li> <li>• Shop procedures</li> <li>• Safety practices</li> </ul>	<ul style="list-style-type: none"> <li>• Written tests and quizzes</li> <li>• Safety demonstration</li> <li>• Nocti</li> </ul>
1.5 wks	<p>FFA/SAE</p> <ul style="list-style-type: none"> <li>• Careers options</li> <li>• Supervised Agriculture Experience</li> <li>• Parliamentary Procedure</li> <li>• History/symbols</li> <li>• Opportunities/Awards</li> </ul>	<p><b>13.1</b> <b>6.5</b> <b>5.2</b></p>	<ul style="list-style-type: none"> <li>• Job opportunities in Ag</li> <li>• record keeping</li> <li>• business meeting</li> <li>• historical data and importance</li> <li>• personal goal setting</li> <li>• leadership development</li> </ul>	<ul style="list-style-type: none"> <li>• Written tests and quizzes</li> <li>• SAE books</li> <li>• Career development events</li> <li>• Award applications</li> <li>• Nocti</li> </ul>
3wks	<p>PLANTS</p> <ul style="list-style-type: none"> <li>• STRUCTURES/TAXONOMY</li> <li>• PLANT PHYSIOLOGY</li> <li>• PLANT REPRODUCTION</li> <li>• GARDENING</li> <li>• VEGETABLES</li> <li>• GRAIN/OIL/SPECIALTY CROPS</li> <li>• FORAGE AND PASTURES</li> <li>• ORNAMENTALS</li> </ul>	<p><b>4.4</b> <b>4.5</b> <b>3.3</b> <b>4.6</b> <b>4.9</b></p>	<ul style="list-style-type: none"> <li>• identify plant parts</li> <li>• describe plant processes</li> <li>• understand asexual and sexual reproduction</li> <li>• grow and identify plants</li> <li>• understand agronomic crops the world</li> <li>• landscaping processes and products</li> </ul>	<ul style="list-style-type: none"> <li>• written tests and quines</li> <li>• hands-on work/greenhouse</li> <li>• Nocti</li> </ul>
3.5 wks	<p>ANIMALS</p> <ul style="list-style-type: none"> <li>• Animal Anatomy</li> <li>• Animal Health</li> <li>• Genetics/Breeding/Reproduction</li> <li>• Small animal care</li> <li>• Dairv and Livestock</li> <li>• Horse</li> </ul>	<p><b>3.3</b> <b>4.4</b> <b>4.9</b> <b>2.3</b> <b>13.1</b></p>	<ul style="list-style-type: none"> <li>• Describe animal parts</li> <li>• understand animal nutrition/feeds</li> <li>• describe healthy animals</li> <li>• use punnett square</li> <li>• list animal terms</li> <li>• breeding techniques</li> <li>• describe animal processes</li> <li>• list and describe animal products</li> </ul>	<ul style="list-style-type: none"> <li>• written test and quizzes</li> <li>• breeding charts</li> <li>• Nocti</li> <li>• Career development events</li> </ul>

3.5wks	<ul style="list-style-type: none"> <li>• <b>NATURAL RESOURCES,</b></li> <li>• <b>SOILS</b></li> <li>• <b>FORESTRY</b></li> <li>• <b>WILDLIFE/AQUATICS</b></li> </ul>	<p>3.5 2.2 4.1 7.2 13.1</p>	<ul style="list-style-type: none"> <li>• understand soil properties</li> <li>• list conservation methods</li> <li>• identify soil horizons</li> <li>• identify forestry products</li> <li>• use and measurement of forestry products</li> <li>• identify prey/predator relationships</li> <li>• understand wildlife/aquatic relationships</li> </ul>	<ul style="list-style-type: none"> <li>• written tests and quizzes</li> <li>• worksheets</li> <li>• Nocti</li> <li>• Career Development events</li> </ul>
1 wk	<ul style="list-style-type: none"> <li>• <b>FOOD SERVICE</b></li> <li>• <b>FOOD INDUSTRY</b></li> <li>• <b>FOOD SCIENCE</b></li> </ul>	<p>11.3 4.4 4.9</p>	<ul style="list-style-type: none"> <li>• Food safety</li> <li>• food processing techniques</li> </ul>	<ul style="list-style-type: none"> <li>• Written tests and quizzes</li> <li>• Career development events</li> <li>• Nocti</li> </ul>
4 wks	<ul style="list-style-type: none"> <li>• <b>WOOD/METAL WORKING</b></li> <li>• <b>HAND TOOLS</b></li> <li>• <b>POWER TOOLS</b></li> <li>• <b>PROJECT CONSTRUCTION</b></li> <li>• <b>WELDING-ARC</b></li> <li>• <b>WELDING- MIG</b></li> <li>• <b>WELDING-GAS</b></li> </ul>	<p>2.3 2.10 3.6 3.7 3.8 4.4 13.1 13.3 13.4</p>	<ul style="list-style-type: none"> <li>• tool id</li> <li>• proper use of tools</li> <li>• weld with various techniques</li> <li>• identify welding process</li> </ul>	<ul style="list-style-type: none"> <li>• written tests and quizzes</li> <li>• practicum tests</li> <li>• projects</li> <li>• Career Development Events</li> <li>• Nocti</li> </ul>