

Grade Level: 9-12
Subject: Agriculture

Term	Course Objectives
1	<p>Introduction to Agriculture</p> <ul style="list-style-type: none">• What is Agriculture• Sectors of Agriculture• Wisconsin Farm Facts• Genetics• Biotechnology• Genetically Modified Organisms (GMOs) Research Project/Presentation• Food Security• Food Safety
2	<p>Horticulture/Soils</p> <ul style="list-style-type: none">• What is Horticulture• How a plant works• Parts of a plant• Different growth cycles of plants• Different ways to grow plants• Nutrients plants need• 2 different planting labs• Layers of soil• Soil Composition and Texture• Soil Texture Triangle• Erosion and Leaching• Soil Conservation Methods• Edible soil project
3	<p>Animal Husbandry</p> <ul style="list-style-type: none">• Dairy Industry• Common Dairy Terms• Dairy Breeds• Life Cycle of Dairy• Herd Health and Maintenance• Dairy Products• Different types of Cheeses• Cheese Tasting Lab• Beef Industry• Common Beef Terms• Beef Breeds• Life Cycle of Beef• Consumer information for Meat and Meat Labels

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