

# Calendar-Based Curriculum Map: Exploratory Ag (7<sup>th</sup> Grade)

	<b>August/September</b>	<b>October</b>	<b>November</b>
<b>Essential Question</b>	What is agriculture and its importance to the world, United States, Missouri and Polk County?	What is the function and purpose of plants to humans and animals?	<i>Carry over from October- Plant Science</i> What is the purpose of animals in our society?
<b>Content</b>	Career opportunities Role of agriculture in the world Role of agriculture in the United States Agriculture in Missouri Agricultural technology and their implications	Plants affect on our lives Parts of a plant and major processes Growing medium to plants Current and emerging technologies of plant agriculture	<i>Carry over from October- Plant Science</i> Importance of animals Responsibilities of animal ownership Factors in selecting an animal Current and emerging technology of animal agriculture
<b>Skills</b>	Define agriculture Identify career opportunities Describe world agriculture Describe US agriculture Describe Missouri agriculture Identify advances in agricultural technology	Describe plants affect on our lives Describe parts of a plant and major processes Describe importance of growing medium Identify the important factors to consider in caring for plants Identify current and emerging technologies of plant agriculture	<i>Carry over from October- Plant Science</i> Describe the importance of animals Describe the responsibilities of animal ownership Identify factors in selecting an animal Identify current and emerging technology of animal agriculture
<b>Assessments</b>	Quizzes What is Agriculture Test	Quizzes Plant Science Test	<i>Carry over from October- Plant Science</i> Quizzes Animals in Society Test
<b>Activities/Resources</b>	World Agriculture Group Project/Auction State Research Project Missouri Map Activity What is Ag? Poster	Plant Growth Factors Experiment Plant Part Dissection Plant Part Worksheets Flower Reconstruction	<i>Carry over from October- Plant Science</i> Animal Terminology Worksheet Responsibilities of Animal Ownership Worksheet Adopt-a-Pet Project

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	<b>December</b>	<b>January</b>	<b>February</b>
<b>Essential Question</b>	<i>Carry over from November- Animals in Society</i> What are the products from agriculture?	What is agriculture and its importance to the world, United States, Missouri and Polk County?	What is the function and purpose of plants to humans and animals?
<b>Content</b>	<i>Carry over from November- Animals in Society</i> Role of agriculture in the food chain Food from plants Food from animals Importance of the food processing and safety Fiber products from agriculture Nonfood products from agriculture	Career opportunities Role of agriculture in the world Role of agriculture in the United States Agriculture in Missouri Agricultural technology and their implications	Plants affect on our lives Parts of a plant and major processes Growing medium to plants Current and emerging technologies of plant agriculture
<b>Skills</b>	<i>Carry over from November- Animals in Society</i> Describe the role of agriculture in the food chain Identify food from plants Identify food from animals Describe the importance of the food processing and safety Identify fiber products from agriculture Describe nonfood products from agriculture	Define agriculture Identify career opportunities Describe world agriculture Describe US agriculture Describe Missouri agriculture Identify advances in agricultural technology	Describe plants affect on our lives Describe parts of a plant and major processes Describe importance of growing medium Identify the important factors to consider in caring for plants Identify current and emerging technologies of plant agriculture
<b>Assessments</b>	<i>Carry over from November- Animals in Society</i> Quizzes Products from Agriculture Test	Quizzes What is Agriculture Test	Quizzes Plant Science Test
<b>Activities/Resources</b>	<i>Carry over from November- Animals in Society</i> Food Chain Reconstruction Project Milk Tasting Activity Wool Quality Grading	World Agriculture Group Project/Auction State Research Project Missouri Map Activity What is Ag? Poster	Plant Growth Factors Experiment Plant Part Dissection Plant Part Worksheets Flower Reconstruction

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	<b>March</b>	<b>April</b>	<b>May</b>
<b>Essential Question</b>	<i>Carry over from February- Plant Science</i> What is the purpose of animals in our society?	<i>Carry over from March- Animals in Society</i> What are the products from agriculture?	Carry over from April- Products from Agriculture
<b>Content</b>	<i>Carry over from February- Plant Science</i> Importance of animals Responsibilities of animal ownership Factors in selecting an animal Current and emerging technology of animal agriculture	<i>Carry over from March- Animals in Society</i> Role of agriculture in the food chain Food from plants Food from animals Importance of the food processing and safety Fiber products from agriculture Nonfood products from agriculture	Carry over from April- Products from Agriculture
<b>Skills</b>	<i>Carry over from February- Plant Science</i> Describe the importance of animals Describe the responsibilities of animal ownership Identify factors in selecting an animal Identify current and emerging technology of animal agriculture	<i>Carry over from March- Animals in Society</i> Describe the role of agriculture in the food chain Identify food from plants Identify food from animals Describe the importance of the food processing and safety Identify fiber products from agriculture Describe nonfood products from agriculture	Carry over from April- Products from Agriculture
<b>Assessments</b>	<i>Carry over from February- Plant Science</i> Quizzes Animals in Society Test	<i>Carry over from March- Animals in Society</i> Quizzes Products from Agriculture Test	Carry over from April- Products from Agriculture
<b>Activities/Resources</b>	<i>Carry over from February- Plant Science</i> Animal Terminology Worksheet Responsibilities of Animal Ownership Worksheet Adopt-a-Pet Project	<i>Carry over from March- Animals in Society</i> Food Chain Reconstruction Project Milk Tasting Activity Wool Quality Grading	Carry over from April- Products from Agriculture