



A focal point for our course offerings is to enhance student literacy. Throughout the Course Guide, (RI) and (WI) will indicate lessons where Reading and Writing Intensive activities are present.

Course Description:

(What can students expect to more fully understand as a result of taking this course?)

This course is an introductory course to basic agriculture principles and FFA. Students will learn about what agriculture is, agriculture perceptions, agriculture products, animal science, plant science, and United States agriculture.

Unit 1: Defining Agriculture

Objectives

1. Identify how agriculture impacts me on a daily basis
2. Explain the diversity of the agriculture industry
3. Identify and explain one career on the agriculture industry
4. Explain how agriculture impacts the economy on a local and global level

<u>Unit 1</u>	<u>Topics/Skill/Theme Covered</u>	<u>Essential Vocabulary</u>
Defining Agriculture	<ul style="list-style-type: none"> • Where would we be without agriculture • A tent off the pathway <ul style="list-style-type: none"> ◦ Pathway Collage • Career profile • Ag's economic impact <ul style="list-style-type: none"> ◦ Radio Broadcast Project 	<ul style="list-style-type: none"> • Ag Business • Ag Mechanics • Agriculture • Animal Science • Fiber • Food • Forestry • Natural Resources • Ornamental Horticulture • Pathway • Plant Science • World population



Expected Performances

Students will know the following:	Students will be able to do the following:
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Unit 2: Agriculture Perceptions

Objectives

1. Analyze common agriculture perceptions and differentiate between perception and reality
2. Identify three common characteristics of agriculturalists
3. Define and assess standard agriculture industry practices

<u>Unit 2</u>	<u>Topics/Skill/Theme Covered</u>	<u>Essential Vocabulary</u>
Agriculture Perceptions	<ul style="list-style-type: none"> • Perception vs. Reality • Characteristics of agriculturalists • Myths about food production 	<ul style="list-style-type: none"> • Agriculturalists • Perception • Reality

Expected Performances

Students will know the following:	Students will be able to do the following:
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Unit 3: Agriculture Products

Objectives

1. Analyze common agriculture perceptions and differentiate between perception and reality
2. Identify three common characteristics of agriculturalists
3. Define and asses standard agriculture industry practices

<u>Unit 3</u>	<u>Topics/Skill/Theme Covered</u>	<u>Essential Vocabulary</u>
Agriculture Products	<ul style="list-style-type: none"> • Our nation's commodities • Corn Lab • Ice Cream in a bag lab • Import vs. Export 	<ul style="list-style-type: none"> • Commodity • Export • Import • Product

Expected Performances

Students will know the following:

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Students will be able to do the following:

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Unit 4: Animal Science

Objectives

1. Identify by-products generated from the animal industry
2. Trace the steps milk goes through to make butter
3. Identify specialty animal production systems and their importance to the agriculture industry
4. Explain and summarize the importance of a selected animal to the agriculture industry

<u>Unit 4</u>	<u>Topics/Skill/Theme Covered</u>	<u>Essential Vocabulary</u>
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Animal Science	<ul style="list-style-type: none"> • Animal Byproducts • Butter Lab • Specialty Animals • Animal Research 	<ul style="list-style-type: none"> • Byproducts • Edible • Inedible • Specialty Animals • Species
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Expected Performances

Students will know the following:	Students will be able to do the following:
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Unit 5: Plant Science**Objectives**

1. Identify the 4 major parts of a plant and explain the functions of each
2. Calculate germination rate and identify what plants need to germinate
3. Identify and explain plant byproducts and their importance

<u>Unit 5</u>	<u>Topics/Skill/Theme Covered</u>	<u>Essential Vocabulary</u>
Plant Science	<ul style="list-style-type: none"> ○ Plant Parts ○ Germination Lab ○ Plant Byproducts 	<ul style="list-style-type: none"> • Flower • Leaf • Root • Stem

Expected Performances

Students will know the following:	Students will be able to do the following:



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Unit 6: United States

Objectives

1. Classify animals and plants grown in different regions of the U.S.

<u>Unit 6</u>	<u>Topics/Skill/Theme Covered</u>	<u>Essential Vocabulary</u>
United States	- States Project	•

Expected Performances

Students will know the following:	Students will be able to do the following:
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