

Standards Based Assessment and Grading Agriculture Leadership

Quarter 1

<i>Unit</i>	<i>Section</i>	<i>Learning Outcome / Objective “What Students Should Know”</i>	<i>Process Skills “What Students Should Be Able to Do”</i>	<i>Assessment</i>
Agriscience and Leadership	<i>Agriculture History</i>	<ul style="list-style-type: none"> The historical, current, and future importance of the agriculture industry and agricultural education 	<ul style="list-style-type: none"> Explain the importance of leadership in the agriculture industry Describe the major advancements in agriculture history in regards to equipment, technology, and laws Explain how the agriculture industry impacts the economy Use knowledge of past events to describe how the future of the agriculture industry looks 	<ul style="list-style-type: none"> What is the connection between agriculture and leadership? What is the most important piece of legislation in agriculture history? Quiz – Intro to ag, FFA opportunities, Careers
	<i>Understanding the Impact of Leadership</i>	<ul style="list-style-type: none"> The major traits of a good leader / Impact of leadership 	<ul style="list-style-type: none"> Recite the FFA Creed Demonstrate positive leadership skills Explain personal leadership style and how it affects the people do things Understand the importance of having and understanding different leadership styles 	<ul style="list-style-type: none"> What is the connection between agriculture and leadership? 3-D Model of a Leader Leadership Style Questions FFA Creed Paragraphs Quiz – Intro to ag, FFA opportunities, Careers
	<i>The National FFA Organization</i>	<ul style="list-style-type: none"> Opportunities for leadership development in the FFA 	<ul style="list-style-type: none"> Explain the types of opportunities available within the FFA Organization Identify the importance of taking part in different opportunities within the FFA 	<ul style="list-style-type: none"> FFA website Exploration Quiz – Intro to ag, FFA opportunities, Careers

Unit	Section	Learning Outcome / Objective "What Students Should Know"	Process Skills "What Students Should Be Able to Do"	Assessment
Animal Science	<i>Introduction to Animal Science</i>	<ul style="list-style-type: none"> • Common terms associated with domesticated animals 	<ul style="list-style-type: none"> • Label and identify the body parts of cattle, sheep, hogs, horses, and dogs • Correctly use terms associated with different ages of animals • Define basic animal science terms 	<ul style="list-style-type: none"> • Animal Terms Crossword • Dairy Terms • Quiz – Horses & Companion Animals • TEST – Livestock Industry and Breeds
	<i>Common Animal Breeds</i>	<ul style="list-style-type: none"> • Common breeds of domesticated animals 	<ul style="list-style-type: none"> • Identify the common breeds of dairy cattle, livestock, horses, sheep, and dogs • Describe the differences between breeds and understand what makes them useful breeds 	<ul style="list-style-type: none"> • Beef Industry Review • Quiz – Horses & Companion Animals • TEST – Livestock Industry and Breeds
	<i>Domesticating and Raising Animals</i>	<ul style="list-style-type: none"> • Importance and the purpose of domesticated animals 	<ul style="list-style-type: none"> • Explain the historical, current and future impact of domesticated animals on the economy and society • Plan and design an animal enterprise 	<ul style="list-style-type: none"> • Animal Use Opinion • World Dairy Expo Assignment • LAB – Jerky • Small Animal (Book) Questions • Quiz – Horses & Companion Animals • TEST – Livestock Industry and Breeds
	<i>Animal Health</i>	<ul style="list-style-type: none"> • Signs of good and poor animal health 	<ul style="list-style-type: none"> • Observe an animal and report problems and concerns • Observe an animal and describe how you know if it is healthy or sick, injured, etc. • Perform basic animal feeding, grooming, and facility care 	<ul style="list-style-type: none"> • Animal Lab Observations • LAB – Animal Handling
	<i>Animal Evaluation</i>	<ul style="list-style-type: none"> • Proper evaluation of animals for type and production 	<ul style="list-style-type: none"> • Judge and place production animals based on their type and use 	<ul style="list-style-type: none"> • TEST – Livestock Industry and Breeds

Unit	Section	Learning Outcome / Objective “What Students Should Know”	Process Skills “What Students Should Be Able to Do”	Assessment
	Careers in Agriculture	<ul style="list-style-type: none"> • Career opportunities available in the agriculture industry 	<ul style="list-style-type: none"> • Identify a variety of careers in the agriculture industry and explain the knowledge and skills needed to succeed in that area 	<ul style="list-style-type: none"> • DNR Warden – Guest Speaker

Quarter 2

Unit	Section	Learning Outcome / Objective “What Students Should Know”	Process Skills “What Students Should Be Able to Do”	Assessment
Animal Science	Animal Evaluation	<ul style="list-style-type: none"> • Proper evaluation of animals for type and production 	<ul style="list-style-type: none"> • Judge and place production animals based on their type and use • Determine and explain the best qualities of livestock used for production 	<ul style="list-style-type: none"> • Livestock “recruitment” Poster
	Companion Animals	<ul style="list-style-type: none"> • Types and importance of companion animals 	<ul style="list-style-type: none"> • List examples of companion animals • Define companion animal terms • Explain the traits that make a good companion animal 	<ul style="list-style-type: none"> • Small Animal Research project • AKC Website Exploration • New Species poster and presentation
Agriscience and Leadership	National FFA Organization	<ul style="list-style-type: none"> • Effective meetings, communication, and public relations 	<ul style="list-style-type: none"> • List the duties of elected officers • Explain the proper way to run an effective meeting • Describe the importance of a good public image and public relations 	<ul style="list-style-type: none"> • QUIZ – Official FFA Dress • Chapter Officer Poster • QUIZ – Chapter Officers • Parli Pro Worksheet
	Understanding the Impact of Leadership	<ul style="list-style-type: none"> • The major traits of a good leader / Impact of leadership 	<ul style="list-style-type: none"> • Demonstrate positive leadership skills • Define the purpose, motions, and meaning of parliamentary procedure • Describe the importance of a good public image and public relations 	<ul style="list-style-type: none"> • Parli Pro Worksheet • Daily Leadership Demonstration • Community Service Project Hours • Short and Long-term Goals
	Careers in Agriculture	<ul style="list-style-type: none"> • Career opportunities available in the agriculture industry 	<ul style="list-style-type: none"> • Identify a variety of careers in the agriculture industry and explain the knowledge and skills needed to succeed in that area 	<ul style="list-style-type: none"> • SAE Project Plan

Quarter 3

Unit	Section	Learning Outcome / Objective "What Students Should Know"	Process Skills "What Students Should Be Able to Do"	Assessment
Animal Science	<i>Animal Nutrition</i>	<ul style="list-style-type: none"> • Recognize the major nutrient requirements in a balanced ration 	<ul style="list-style-type: none"> • Describe the function and importance of the major nutrients needed in an animal's diet • Understand and effectively use the Pearson Square or other method to determine a balanced ration for livestock • Demonstrate understanding of a pet food label to determine if it is nutritionally sound for a pet 	<ul style="list-style-type: none"> • Pearson Square Worksheet • Pet Food Label Comparison
	<i>Animal Health</i>	<ul style="list-style-type: none"> • Identify signs of good and poor animal health 	<ul style="list-style-type: none"> • Observe an animal and report problems and concerns • Observe an animal and describe how you know if it is healthy or sick, injured, etc. • Perform basic animal feeding, grooming, and facility care 	<ul style="list-style-type: none"> • LAB – Animal Behavior • Animal Health Write-up
Natural Resources	<i>Introduction to Natural Resources</i>	<ul style="list-style-type: none"> • Importance and impact of wildlife 	<ul style="list-style-type: none"> • Define natural resources terms • Explain the importance of soil and water conservation • Identify types of soil • Explain the process of land measurement • Identify the characteristics of wildlife • Identify types of wildlife • Collect a soil sample and test for nutrients and pH • Illustrate the relationship between humans and wildlife • Identify land ownership using a plat book 	<ul style="list-style-type: none"> • QUIZ – Natural Resources • Exit Card – Importance of Ecology • Exit Card – Large & Small Mammals • Human-Wildlife Interaction Poster • Importance of Conservation Areas • Small Mammal ID Quiz • Bird ID Quiz • Large Mammal ID Quiz • Wildlife Identification and Facts Test • Plat Book Worksheet • Living with Wildlife Article Summary

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Agriscience and Leadership	<i>Understanding the Impact of Leadership</i>	<ul style="list-style-type: none"> • The major traits of a good leader / Impact of leadership 	<ul style="list-style-type: none"> • Demonstrate positive leadership skills • Define the purpose, motions, and meaning of parliamentary procedure • Recognize the importance of community service • Understand the forms of effective communication • Understand the importance of clear goals and objectives • Describe the importance of a good public image and public relations 	<ul style="list-style-type: none"> • Resume • Daily Leadership Demonstration • Community Service Project Hours • Short and Long-term Goals • Parliamentary Procedure Demonstration
Plant Science	<i>Plant Anatomy & Physiology</i>	<ul style="list-style-type: none"> • The basic anatomy and physiology of plants 	<ul style="list-style-type: none"> • Describe the major function of roots, stems, fruits, and leaves • Explain how plants make food 	<ul style="list-style-type: none"> • Parts of a seed • Parts of a flower
		<ul style="list-style-type: none"> • Plant propagation methods and environment 	<ul style="list-style-type: none"> • Distinguish between sexual and asexual plant propagation • Describe the roles of air, water, light, minerals, and nutrients in plant growth and development • Perform basic plant propagation procedures 	<ul style="list-style-type: none"> • LAB – Plant Propagation • Plant Environment Experiment • LAB - Transplanting
		<ul style="list-style-type: none"> • Importance of Plant Science 	<ul style="list-style-type: none"> • Identify common grains, forages, vegetables, fruits, flowers, and landscape ornamentals • Understand the economic importance of plants in society 	<ul style="list-style-type: none"> • Plant Science Assignment #1 • Plant Science Assignment #2 • Plant Science Assignment #3 • LAB – Fruit and Vegetable Identification • Role of plants in society – Illustration • Agronomy Quiz • Plant Science Project • TEST – Plant Science Unit

Quarter 4

Unit	Section	Learning Outcome / Objective “What Students Should Know”	Process Skills “What Students Should Be Able to Do”	Assessment
Agriculture Business	<i>Marketing Agriculture Products and Services</i>	<ul style="list-style-type: none"> The impact of marketing 	<ul style="list-style-type: none"> Describe the agriculture marketing chain Understand the law of supply and demand Explain the economic importance of agriculture List the steps in decision-making Illustrate a promotional advertisement for an agricultural product Compare and contrast agriculture companies to analyze their effectiveness 	<ul style="list-style-type: none"> QUIZ – Marketing #1 QUIZ – Ag Business and Marketing #2 Marketing Plan Chapter 34 Questions
	<i>Effective Management</i>	<ul style="list-style-type: none"> Effective management techniques 	<ul style="list-style-type: none"> Describe the importance of management List the steps in decision-making Understand the importance of clear goals and objectives Understand the forms of communication 	<ul style="list-style-type: none"> Resume Mock Interviews Chapter 34 Questions Risk Management Video Summary and Questions
	<i>Financial Management & Pricing</i>	<ul style="list-style-type: none"> Use and management of money and pricing 	<ul style="list-style-type: none"> Understand the use of credit and a healthy debt to equity ratio Discuss the factors that influence commodity pricing Calculate net worth Prepare a personal budget Analyze and calculate agriculture commodity cash and futures prices 	<ul style="list-style-type: none"> Personal Finance – Packet Chapter 34 Questions
Agriscience and Leadership	<i>Understanding the Impact of Leadership</i>	<ul style="list-style-type: none"> The major traits of a good leader / Impact of leadership 	<ul style="list-style-type: none"> Demonstrate positive leadership skills Recognize the importance of community service Understand the forms of effective communication Understand the importance of clear goals and objectives Describe the importance of a good public image and public relations 	<ul style="list-style-type: none"> Resume Daily Leadership Demonstration Community Service Project Hours Short and Long-term Goals Community Service Activity