

Food Safety	
Year 1 Topics and Objectives	
The Basics of Animal Identification (J)	Summarize the importance of identifying and tracking animals. Identify appropriate methods of identification for each species and describe the application of those techniques.
Providing Quality Feed (I)	Identify the components of animal feed and additives. Describe the accepted practices for storing and handling feed. Determine the considerations for storing, handling and recorded use of medicated feed.
Providing Quality Feed (S)	Identify and define the components of a feed tag. Correlate the components of a feed tag with the decisions youth producers make concerning feeding animals. Understand appropriate feed additive use. Understanding the regulatory process for medicated and non-medicated feed additives.
Food Safety and Youth Producers (Y)	Identify the key messages to share with youth producers about the relationship between youth producers and food safety.
Year 2 Topics and Objectives	
Administering Animal Health Products (J)	Introduction to VCPR Differentiate between the types of medication used for animals (OTC, Rx, extra/off label, VFD) Define acceptable ways to administer medication to animals. Treatment record basics
Administering Animal Health Products (I)	Read the medication label to locate amount of medication needed and the type of administration. Identify the appropriate apparatus for administration based upon the medication label & species recommendations. Perform different modes of delivery of medicated products – injections, pour-ons, topical, modified live, nasals, oral, etc.
Administering Animal Health Products (S)	Define withdrawal time and its purpose and relation to food safety. Calculate withdrawal times. Explain the purpose of drug residue testing and when it would be appropriate to implement.
Administering Animal Health Products (Y)	Determine the effects of the incorrect administration and poor record keeping on the administration of animal health products to the animal and the public.
Year 3 Topics and Objectives	
Keeping Animals Healthy (J)	Describe the components to maintaining herd health. Define VCPR and its purpose. Record a list of steps to implement a VCPR.
Herd Health Plan (I)	Describe the components of a herd health plan and how they contribute to food safety and animal well-being. Perform appropriate methods of animal identification federal disease monitoring/surveillance including premise ID. Identify the accepted protocols for animal vaccination.
Herd Health Plan (S)	Evaluate herd health plans for youth livestock projects, identifying improvement opportunities. Implement biosecurity measures.
Herd Health Plan (Y)	Establish a herd health plan.
Year 4 Topics and Objectives	
Consumer Education – Thinking Like a Consumer (J)	Understanding food animal products: Recognize the purpose of wholesale cuts and identify common retail cuts found in the grocery store; common dairy products; eggs and egg by-products. Define the term ‘co-product’ and identify two common co-products from each species. Define common terms found on food labels (e.g., organic, natural, etc.)
Responsibly Producing Foods (S)	Describe what consumers want in food animal products and how they make purchasing decisions. Correlate consumer preferences in food animal products with the Good Production Practices taught and implemented through the YQCA program.

Animal Well-Being	
Year 1 Topics and Objectives	
The Basics of Animal Care (J)	Describe the observations to make daily when caring for animals and how to successfully record the observations.
	Describe the accommodations needed to provide the basic needs of food, shelter and water to animals.
	Define quality animal care and animal well-being and describe the relationship between the two.
Daily Animal Care (I)	Create a record keeping system to track daily observations.
	Evaluate animals and define the visible identifiers that represent a healthy animal in appropriate care.
Quality Animal Care (S)	Demonstrate the appropriate way to handle, move and transport animals.
	Define euthanasia and describe the terms of acceptable use.
Animal Well-Being in Youth Livestock Projects (Y)	Verbalize the importance keeping animal well-being at the forefront of livestock projects to up and coming youth producers.
Year 2 Topics and Objectives	
Quality Care (J)	Define guidelines for good feeding and watering practices.
	Define the basics of biosecurity practices.
Providing Quality Care (I)	Troubleshoot issues within the feed and water supply.
	Troubleshoot biosecurity challenges.
	Evaluate the facilities and equipment used to properly care for animals.
Recordkeeping (S)	Evaluate past records kept for a youth livestock project.
	Reevaluate personal record keeping system for accuracy and efficiency.
	Create an action or treatment plan for dealing with problems found during daily observations.
Providing Quality Care (Y)	Describe how youth livestock programs demonstrate the relationship between quality animal care and animal well-being.
Year 3 Topics and Objectives	
Animal Well-Being Practices (J)	Describe examples of willful acts of abuse in and outside of the show ring.
	Create an action plan for handling willful acts of abuse.
Animal Handling & Food Quality (I)	Identify handling practices that can negatively impact the quality of the meat.
	Differentiate between positive and negative carcass and meat characteristics as a result of good or poor handling practices.
	Troubleshoot issues with handling or issues with facilities that may lead to poor animal well-being or negative meat quality.
Providing Quality Care (S)	Define the proper feed processing (mixing) and storage protocols pertaining to cross contamination and prevention.
	Demonstrate an action plan for checking and maintaining feed storage used for youth livestock projects.
	Demonstrate how biosecurity feed practices are incorporated into quality animal care for youth livestock projects.
Hot Topics in Animal Agriculture (Y)	Evaluate consumer concern about livestock production and safe food products.
	Describe how to maintain biosecurity practices in a variety of scenarios.
Year 4 Topics and Objectives	
Recordkeeping (J)	Justify the need for maintaining each type of record in youth livestock projects (e.g. daily observations, medication treatment records, identification records, etc.).
	Create a record keeping system to adequately track medication treatment records.
Ethics and Animal Well-Being (S)	Demonstrate how the pillars of character relate to the livestock industry and animal well-being.

Life Skills	
Year 1 Topics and Objectives	
The Basics of Animal Behavior (J)	Demonstrate the proper techniques for handling animals. Demonstrate the proper techniques for moving animals.
Youth Leadership & Service (I)	Identify various leadership & service opportunities within the animal projects. Identify opportunities to be a role model for the animal industry.
Careers in Animal Agriculture (S)	Identify a possible career path after completing a personal career self-assessment. Explore careers in agriculture related to current livestock projects.
Goals to Success (Y)	Evaluate the goals set for you and your livestock project.
Year 2 Topics and Objectives	
Goals to Success (J)	Identify the purpose of setting goals. Compose goals for success in a youth livestock project.
Emergency Action Plan (I)	Identify the components of an emergency action plan and how they can be implemented in youth livestock projects.
Sharing The Story (S)	Demonstrate ways to positively share the story of youth livestock projects and their effect on the community and youth.
Continuous Improvement (Y)	Demonstrate the importance of education for all livestock producers. Define a plan for youth producers to demonstrate continuous improvement throughout their time in livestock projects.
Year 3 Topics and Objectives	
Ethics in The Show Ring (J)	Define the pillars of character and explain how they pertain to youth livestock projects. Consider ethical decisions involved in youth livestock projects.
Ethics in The Show Ring (I)	Demonstrate how the pillars of character are visible in youth livestock projects. Identify actions you can take to address unethical practices.
Emergency Action Plan (S)	Create an Emergency Action Plan.
Environmental Stewardship (Y)	Demonstrate good environmental stewardship practices to implement in a livestock plan.
Year 4 Topics and Objectives	
Get Involved (J)	Define ways for youth to be involved in the community. Identify what Checkoff dollars are and how they are used.
Environmental Stewardship (S)	Identify how youth exhibitors can demonstrate good environmental stewardship with their livestock project.