

Food Safety	
Junior Level (ages 8-11) Topics and Objectives	
The Basics of Animal Identification (Junior – age 8)	Summarize the importance of identifying and tracking animals.
	Identify appropriate methods of identification for each species and describe the application of those techniques.
Administering Animal Health Products (Junior – age 9)	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
Keeping Animals Healthy (Junior – age 10)	Describe the components to maintaining herd health.
	Define VCPR and its purpose.
	Record a list of steps to implement a VCPR.
Consumer Education – Thinking Like a Consumer (Junior – age 11)	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.)
Intermediate Level (ages 12-14) Topics and Objectives	
Providing Quality Feed (Intermediate – age 12)	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.
Administering Animal Health Products (Intermediate – age 13)	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.
Herd Health Plan (Intermediate – age 14)	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.
Senior Level (ages 15-18) Topics and Objectives	
Providing Quality Feed (Senior – age 15)	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.
Administering Animal Health Products (Senior – age 16)	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.
Herd Health Plan (Senior – age 17)	Evaluate herd health plans for youth livestock projects, identifying improvement opportunities.
	Implement biosecurity measures.
Responsibly Producing Foods (Senior – age 18)	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.
Young Adult Level (ages 19-21) Topics and Objectives	
Food Safety and Youth Producers (Young Adult – age 19)	Identify the key messages to share with youth producers about the relationship between youth producers and food safety.
Administering Animal Health Products (Young Adult – age 20)	Determine the effects of the incorrect administration and poor record keeping on the administration of animal health products to the animal and the public.
Herd Health Plan (Young Adult – age 21)	Establish a herd health plan.

Animal Well-Being	
Junior Level (ages 8-11) Topics and Objectives	
The Basics of Animal Care (Junior – age 8)	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.
Quality Care (Junior – age 9)	Define guidelines for good feeding and watering practices.
	Define the basics of biosecurity practices.
Animal Well-Being Practices (Junior – age 10)	Describe examples of willful acts of abuse in and outside of the show ring.
	Create an action plan for handling willful acts of abuse.
Recordkeeping (Junior – age 11)	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.
Intermediate Level (ages 12-14) Topics and Objectives	
Daily Animal Care (Intermediate – age 12)	Create a record keeping system to track daily observations.
	Evaluate animals and define the visible identifiers that represent a healthy animal in appropriate care.
Providing Quality Care (Intermediate – age 13)	Troubleshoot issues within the feed and water supply.
	Troubleshoot biosecurity challenges.
	Evaluate the facilities and equipment used to properly care for animals.
Animal Handling & Food Quality (Intermediate – age 14)	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.
Senior Level (ages 15-18) Topics and Objectives	
Quality Animal Care (Senior – age 15)	Demonstrate the appropriate way to handle, move and transport animals.
	Define euthanasia and describe the terms of acceptable use.
Recordkeeping (Senior – age 16)	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 (Senior – age 17)	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.
Ethics and Animal Well-Being (Senior – age 18)	Demonstrate how the pillars of character relate to the livestock industry and animal well-being.
Young Adult Level (ages 19-21) Topics and Objectives	
Animal Well-Being in Youth Livestock Projects (Young Adult – age 19)	Verbalize the importance keeping animal well-being at the forefront of livestock projects to up and coming youth producers.
Providing Quality Care (Young Adult – age 20)	Describe how youth livestock programs demonstrate the relationship between quality animal care and animal well-being.
Hot Topics in Animal Agriculture (Young Adult – age 21)	Evaluate consumer concern about livestock production and safe food products.
	Describe how to maintain biosecurity practices in a variety of scenarios.

Life Skills & Character Development	
Junior Level (ages 8-11) Topics and Objectives	
The Basics of Animal Behavior (Junior – age 8)	Demonstrate the proper techniques for handling animals. Demonstrate the proper techniques for moving animals.
Goals to Success (Junior – age 9)	Identify the purpose of setting goals. Compose goals for success in a youth livestock project.
Ethics in The Show Ring (Junior – age 10)	Define the pillars of character and explain how they pertain to youth livestock projects. Consider ethical decisions involved in youth livestock projects.
Get Involved (Junior – age 11)	Define ways for youth to be involved in the community. Identify what Checkoff dollars are and how they are used.
Intermediate Level (ages 12-14) Topics and Objectives	
Youth Leadership & Service (Intermediate – age 12)	Identify various leadership & service opportunities within the animal projects. Identify opportunities to be a role model for the animal industry.
Emergency Action Plan (Intermediate – age 13)	Identify the components of an emergency action plan and how they can be implemented in youth livestock projects.
Ethics in The Show Ring (Intermediate – age 14)	Demonstrate how the pillars of character are visible in youth livestock projects. Identify actions you can take to address unethical practices.
Senior Level (ages 15-18) Topics and Objectives	
Careers in Animal Agriculture (Senior - age 15)	Identify a possible career path after completing a personal career self-assessment. Explore careers in agriculture related to current livestock projects.
Sharing The Story (Senior - age 16)	Demonstrate ways to positively share the story of youth livestock projects and their effect on the community and youth.
Emergency Action Plan (Senior - age 17)	Create an Emergency Action Plan.
Environmental Stewardship (Senior - age 18)	Identify how youth exhibitors can demonstrate good environmental stewardship with their livestock project.
Young Adult Level (ages 19-21) Topics and Objectives	
Goals to Success (Young Adult – age 19)	Evaluate the goals set for you and your livestock project.
Continuous Improvement (Young Adult – age 20)	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.
Environmental Stewardship (Young Adult – age 21)	Demonstrate good environmental stewardship practices to implement in a livestock plan.