

Kansas Animal Science Skills & Competencies Certificate – Support Document

Qualifying Competencies

Proficiency Areas

Ag. Processing*
Ag. Sales- Entrepreneurship*
Ag. Sales- Placement*
Ag. Services*
Ag. Research- Animals Systems
Beef Production- Entrepreneurship
Beef Production- Placement
Dairy Production- Entrepreneurship
Dairy Production- Placement
Diversified Agriculture Production*
Diversified Livestock Production
Emerging Agricultural Technology*
Equine Science- Entrepreneurship
Equine Science- Placement
Goat Production
Poultry Production
Sheep Production
Small Animal Production
Specialty Animal Production
Swine Production-
 Entrepreneurship
Swine Production- Placement
Vegetable Production
Veterinary Science
Wildlife Production & Management

*** Must be directly related to animal science**

SAE Categories

1) Entrepreneurship: Own and operate an agricultural business (e.g. a lawn care service, a pay-to-fish operation, holiday poinsettia production and sales).
2) Placement: Get a job or internship on a farm or ranch, at an agriculture-based business, or in a school or factory laboratory.
3) Research and Experimentation: Plan and conduct a scientific experiment. (e.g. Determine whether the phases of the moon affect plant growth, or test and determine the efficacy of different welding methods.)
4) Exploratory: Explore careers in agriculture by attending an agriculture career fair, or creating a report or documentary on the work of a veterinarian.

State Degree Requirements

- 1) Receive a Chapter FFA Degree
- 2) Been an active FFA member for at least two years
- 3) Completed at least two years of systematic school instruction in agriculture education
- 4) Have earned and invested at least \$2,000, or have worked 600 hours, outside of class time, on SAE*
- 5) Demonstrated leadership ability by performing 10 parliamentary procedures, giving a six-minute speech on a topic related to agriculture or FFA, and serving as an FFA officer, committee chairperson, or committee member
- 6) Have a satisfactory academic record, certified by the agriculture education teacher and school principal
- 7) Participated in the planning and implementation of the Program of Activities
- 8) Participated in at least eight different FFA activities above the chapter level.
- 9) Complete at least 25 hours of community service in a minimum of two different activities

FFA Leadership CDE/Events above the Chapter Level

CDE's:
Agricultural Communications
Agricultural Issues Forum
Agricultural Sales
Job Interview
Prepared Public Speaking
Extemporaneous Public Speaking
Parliamentary Procedure
Events:
District Officer Conference
Leader Lab/Stand & Deliver
State Conference for Chapter Leaders
Washington Leadership Conference

FFA Technical CDE's above the Chapter Level

Dairy Cattle Evaluation & Management
Horse Evaluation
Livestock Evaluation
Milk Quality & Products
Meats Evaluation & Technology
Poultry Evaluation
Veterinary Science