

2026 VETERINARY SCIENCE CDE

Jason Grady– Coordinator

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Location: TBD

Date: Monday, May 4th

Check-in: 7:15-7:45; Contest: 8:00AM-11:30AM

In recent years, the National Veterinary Science CDE has changed its contest to be more of a “holistic, hands-on experience”. Due to time restraints on the day of the event and many students competing in multiple contests during the Kansas FFA Career Development Events we are challenged to fully mirror the events associated with the national contest. With these restraints, it is still our goal to allow students the “opportunities to develop technical knowledge and demonstrate practical skills in the field of veterinary science”.

General Information

- Teams will consist of four team members with all four scores counting towards the teams’ score. Schools with less than four members are allowed to compete for individual awards. Teams will be allowed to register up to four team members on the registration site.
- Participants should provide their own #2 pencils, clip board, and calculator to be used during the contest. (cell phones are NOT allowable as a calculator).
- Official dress is not required. Please dress appropriately for the weather as part of the contest may be outdoors.
- Incomplete or mismarked answer sheets will not be corrected by the event or tabulation volunteers
- Ties for individual awards will follow this order:
 - Identification
 - Written exam
 - Math practicum/Clinical Applications Practicum
 - Current events/Restraint Practicum
 - Veterinary Science CDE Lab Practicum
- Ties for team awards will follow this order:
 - Identification
 - Written exam
 - Math Practicum/Clinical Applications Practicum
 - Current events/Restraint Practicum
 - Veterinary Science CDE Lab Practicum

Contest Components

1. **Written Exam: 100 Points, 35 Minutes.** The exam will consist of 50 multiple-choice questions for a possible 100 points.
2. **Identification: 100 points, 35 minutes**
Participants will be asked to identify 50 various equipment, parasites and breeds/species samples for a total of 100 points. **The current ID list from the national site will be used, and provided to the students at the contest.** 50 points from equipment, 30 points from parasites, and 20 points from breeds. (list of possible IDs are on the national site) Thirty-six seconds per identification station, and then five minutes to go back to any ID stations and to complete the form if needed.
3. **Practicums:**
 - Math practicum and clinical applications practicum: 120 Points (35 minutes)
 - Math Practicum: questions may cover conversions, dose calculations, dilutions, cost calculations, invoices etc. Conversion chart will be provided.
 - Clinical Procedures Practicum: rank in order the steps and possibly answer multiple choice questions regarding that procedure. Clinical application procedures to be tested over include:
 - Using a microscope – oil immersion
 - Surgical site preparation
 - Fine needle aspiration
 - Applying a standing wrap on a horse

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- Veterinary Science CDE Lab Practicum: 150 points (35 minutes)
 - Participants will be asked 50 questions covering a variety of veterinary related topics such as reproductive, cardiovascular, and musculoskeletal anatomy and physiology, common animal/equipment/instrument/feedstuff identification and usage (may not be part of the national list), interpreting information on a veterinary prescription, interpreting a feed label, feed/products that can or cannot be fed to certain animals, understanding drug withdrawal times, basic nutrition of different feed stuffs, types of injections and proper needles for injections, radiology and radiographic positioning, gestation length of animals, recognizing correct and incorrect birthing positions of animals, and general knowledge. Thirty-six seconds per station, and then five minutes to go back to any ID stations and to complete the form if needed.
- Current events and handling and restraint practicum: 120 points (35 minutes)
 - Handling and Restraining Practicum: rank in order the steps and possibly answer multiple choice questions regarding that procedure. Handling and restraining procedures to be tested over include:
 - Placing a tail tie
 - Applying a lead with chain on a horse under the chin
 - Applying a cat muzzle
 - Restraint of the cat in lateral recumbency for femoral venipuncture
 - Current events topics and resources to be tested over:
 - Enrichment, behavior, and welfare of animals in a laboratory/research setting
 - [agguide 4th.pdf Chapters 1-4](#)
 - [Guide for the Care and Use of Laboratory Animals, 8th edition. National Academies Press Chapters 1, 3 and 4](#)

References: The following references will be useful in regard to compiling study materials for the event. Updated editions or other similar resources can be helpful in preparing for the event in case these are not available.

Veterinary Assisting: Fundamentals and Applications
 ISBN-13: 978-1-4354-5387-6
 ISBN-10: 1-4354-5387-5

Small Animal Care and Management, Third Edition
 ISBN-13: 978-1-4180-4105-2
 ISBN-10: 1-4180-4105-X

Fundamentals of Animal Science
 ISBN-13: 978-1-4283-6127-0
 ISBN-10: 1-4283-6127-8

McCurnin's Clinical Textbook of Vet Technicians 8th edition
 ISBN-978-1-4377-2690-0

National FFA Vet Science Handbook
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