
VETERINARY SCIENCE



OBJECTIVES

Targeted Life Skills: self-esteem, responsibility, self-motivation, communication, using resources, planning, organizing, goal setting, critical thinking, problem solving, decision making, learning to learn, personal safety

This activity will allow 4-H members to develop public speaking and critical thinking skills. Cooperation, sportsmanship, and integrity are also exercised in this activity. 4-H'ers will have the opportunity to display their knowledge of the field of veterinary medicine and animal health. 4-H'ers will learn the importance of animal health in all areas of society. Participants are encouraged to become familiar with scientific research and its influence on animal health and veterinary practices.

ELIGIBILITY

District 4-H O'Rama: Each county may enter two junior (ages 9-13) and two senior (ages 14-19) members to participate in this activity.

State 4-H O'Rama: The Top 7 senior members from each of the district contests will be eligible to compete at the state contest.

ACTIVITY

Participants should be prepared to present an illustrated talk or method demonstration in an area of veterinary science or animal health. This presentation may deal with any species if the topic is related to veterinary care or animal health. (Method demonstrations and illustrated talks related to horses must be presented in the "4-H Horse Activity"; talks related to animal production must be presented in the "4-H Animal Science Activity".)

Illustrated talks should make full use of visuals and experience. Visuals such as PowerPoints, posters, livestock equipment, etc. are permitted. Live animals are not to be used for illustrated talks or method demonstrations.

Junior 4-H'ers will give two-to-five-minute talks. Senior 4-H'ers will give five-to-eight-minute talks. Time penalties will be assessed for talks under or over the time limits. The judges reserve the right to ask questions related to the topic following the completion of the illustrated talk or method demonstration.

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APPROVED TOPICS

Participants should select a topic that is objective in nature. *Choosing topics that are subjective is highly discouraged.* Topics should be supported by factual information. Seniors should conduct scholarly research to obtain scientific, relevant information regarding their topic of choice.

Suggested topics for senior 4-H'ers include:

- How immunity is established
- Diseases of any animal species
 - Avian influenza (current issue)
 - Trichomoniasis in cattle (current issue)
- Zoonosis or a zoonotic disease
- Regulatory veterinary programs
- Livestock management practices
- Internal/external parasites
 - Asian longhorn tick (current issue)
 - New World Screwworm (current issue)
- Herd health programs
- Surgical procedures
- Biosecurity practices
- Physiological processes
- Veterinary/client/patient relationship (VCPR)
- New antibiotic regulations or veterinary feed directives (current issue)

Suggested topics for junior 4-H'ers include:

- Animal vital signs
- Animal diseases
- Techniques for animal restraint
- Pet care

SCORING

This activity will be judged on the standard scoresheet for method demonstrations and illustrated talks (CES-663).

Participants will be evaluated by three qualified judges. Judges' feedback will be provided to participants after the contest is concluded.

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District and State 4-H O’Rama
Junior and Senior 4-H’ers



AWARDS

District 4-H O’Rama: One trophy will be awarded to the high-scoring junior participant and one trophy to the high-scoring senior participant. Second through fifth place winners in the junior and senior divisions will receive ribbons.

State 4-H O’Rama: One trophy will be awarded to the high-scoring senior. Second through fifth place winners will receive ribbons.

CONTEST ADMINISTRATION

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