

VETERINARY SCIENCE CAREER DEVELOPMENT EVENT

Rules for the State FFA Event

Sponsor

The North Carolina FFA Association currently sponsors this event.

State Event Superintendent

The superintendent for this event is Horace Johnson, Central Region Agricultural Education Coordinator, 126 Alexander Drive, Lillington NC 27546-1089. Phone: 910.814.6048; Fax: 919.515.6090; Email: Horace_johnson@ncsu.edu

Comments and questions may also be directed to Mr. Jason Davis, State FFA Coordinator, Department of Agricultural and Extension Education, NCSU, Box 7654, Raleigh, NC 27695-7654. Phone: 919.515.4206 Fax: 919.513.3201 Email: jason_davis@ncsu.edu

Eligibility and General Guidelines

This event is open to all FFA chapters and FFA members in good standing. Members winning a previous state event in this area or that have participated in a previous national event in this area are ineligible. This event will be held during the North Carolina State FFA Convention.

Teams will consist of four individuals. **All four members will be scored and all four scores will count towards the team total.** No alternates are allowed in state events. Any alternate found participating in a state event will result in team disqualification.

FFA members in good standing may also participate as individuals in this event. A chapter may have up to two members participating as individuals as long as the chapter does not have a team participating in the event. Their scores will only count toward individual recognition and will not be tallied as a team score. All members participating in this event from the same chapter constitutes a team.

The use of cellular phones, Personal Digital Assistants (PDA's) or any other mobile electronic communication device is prohibited during any state-level career development event. Any violation of this rule by any team member will result in total team disqualification.

Any member found cheating in any state-level career development event will result in total team disqualification for that event.

At the North Carolina FFA State Convention, members may participate in only one career development event with the exceptions of Creed and Parliamentary Procedure or Prepared Public Speaking and Parliamentary Procedure.

Procedures for Administering the Event

Part I. Multiple Choice (100 points)

The written test will be comprised of a total of twenty-five (25) multiple choice items designed to determine each team members understanding of the Veterinary science industry. Topics include: Circulatory System, Respiratory System, Digestive System, Excretory System, Immune, Musculoskeletal System, Reproductive System, Terminology, Patient Management, and Diseases from the following species: Cattle, Horses, Dogs, Cats, and Chapter 38.

Part II. Scenario (100 points)

Each participant will write a persuasive letter on a topic related to veterinary science. The topics will follow National FFA Veterinary Science

- 2013 and 2017: Clinical/wellness (as well as 2012 for trial purposes)
Clinical situations are located in the back of each of the topic chapters: Circulatory System, Respiratory System, Digestive System, Excretory System, Immune, Musculoskeletal System, Reproductive System, Terminology, Patient Management, and Diseases from the following species: Cattle, Horses, Dogs, Cats, and Chapter 38.
- 2014: Communication/customer education
- 2015: Behavior/husbandry
- 2016: Future of veterinary profession and welfare/ethics

Part III. Identification (100 points)

Each participant will identify the following see additional pages:

- Equipment from amended list from nationals-10 pieces
- Parasites from amended list from nationals-10 parasites (see Moodle for PowerPoint help)
- Breeds from amended list from nationals-5 breeds
 - o Dogs 2012

Part IV. Practicum (50 points)

- First year, pilot will be just a math applications practicum. For example: dosage calculations

Part V. Team Activity –

There will be no team activity in 2012 and we will reevaluate Summer 2012

Procedure for Determining the State Event Winner When Scores are Tied

In the event a tie score exists, apply the following methods in sequential order until the tie is broken:

1. Compare the total team scores for the written test and the higher scoring team is the winner.
2. Compare the total team scores for the Identification and the higher scoring team is the winner.
3. Individual scores will be broken using the same sequence. First the written test and then the aromas test will be considered to break a tie.

Dress Code

Participants are required to follow the North Carolina FFA Career Development Event Dress Code. A ten percent reduction in the total team score will be taken off if a participant violates the dress code.

Participants in this event are required to wear long pants and an appropriate shirt with a collar or an appropriate FFA or school t-shirt. Students may also wear scrubs.

State Awards

The following awards will be presented annually at the state FFA convention provided sponsorship is available (this pilot year the top 2 teams will advance to Nationals and will split the traditional \$500):

State Winning Team	\$250, first place team plaque, pins for team members
Second Place Team	\$250, second place team plaque, pins for team members
Third Place Team	Third place team plaque, pins for team members
High Scoring Individual	Plaque

National Career Development Event Participation

State winning teams advancing to national career development event participation will be automatically registered for the national event. It is the responsibility of the Chapter FFA Advisor to complete all necessary national certification forms and return them to the State FFA Coordinator by the assigned due date.

State winning CDE Teams that choose not to participate at the national level should contact the state office by Sept 1 prior to national convention. Teams that fail to inform the state office prior to Sept 1 will be ineligible to participate in that same CDE for the next year (chapters may appeal to the State FFA Board of Directors). Teams that do not compete at the National Convention will be required to pay back the \$250 travel award.

Primary References

Veterinary Assisting: Fundamentals and Applications. Vanhorn, Clark. ISBN:978-1-4354-5387-6\

Name: _____

Chapter: _____

Parasite ID Scorecard

- _____ Blowfly (Family Calliphoridae)
- _____ Blowfly Maggot (Family Calliphoridae)
- _____ Cat Warble (Genus Cuterebra)
- _____ Cattle Grub (Genus Hypoderma)
- _____ Coccidia (Genus Isospora or Eimeria)
- _____ Demodectic Mite (Genus Demodex)
- _____ Ear Mite (Family Ascaridae; Genus Otodectes)
- _____ Fleas (Genus Ctenocephalides)
- _____ Flea Larva (Genus Ctenocephalides)
- _____ Flea Tapeworm Egg (Genus Dipylidium)
- _____ Flea Tapeworm Segment (Genus Dipylidium)
- _____ Giardia (Genus Giardia)
- _____ Hard Tick (Family Ixodidae; Genus Amblyomma or Dermacentor)
- _____ Heartworm (Genus Dirofilaria)
- _____ Heartworm Adult (Genus Dirofilaria)
- _____ Heartworm Microfilaria (Genus Dirofilaria)
- _____ Hookworm Adult (Family Ancylostomatidae; Genus Ancylostoma, Uncinaria, Bunostomum or Globocephalus)
- _____ Hookworm Egg (Family Ancylostomatidae; Genus Ancylostoma, Uncinaria, Bunostomum or Globocephalus)
- _____ Horse Bots (Genus Gasterophilus)
- _____ Horse Strongyles (Family Strongylidae; Genus Strongylus)
- _____ Lice - Biting (Order Mallophaga; Genus Bovicola or Trichodectes)
- _____ Lice - Sucking (Order Anoplura; Genus Linognathus or Hematopinus)
- _____ Liver Fluke (Class Trematoda; Genus Fasciola, Fascioloides or Dicrocoelium)
- _____ Lungworm (Family Metastrongylidae; Genus Metastrongylus, Dictyocaulus or Aelurostrongylus)
- _____ Mosquito Adult (Family Culicidae; Genus Anopheles, Culex or Aedes)
- _____ Mosquito Larva (Family Culicidae; Genus Anopheles, Culex or Aedes)
- _____ Pinworm (Genus Oxyuris)
- _____ Roundworm Adult (Family Ascarididae or Toxocaridae; Genus Toxocara, Toxascaris, Ascaris, Parascaris or Neoscaris)
- _____ Roundworm Egg (Family Ascarididae or Toxocaridae; Genus Toxocara, Toxascaris, Ascaris, Parascaris or Neoscaris)
- _____ Sarcoptic Mite (Family Ascaridae; Genus Sarcoptes or Notoedres)
- _____ Taenia Tapeworm (Family Taeniidae; Genus Taenia)
- _____ Taenia Tapeworm Egg (Family Taeniidae; Genus Taenia)
- _____ Taenia Tapeworm Segment (Family Taeniidae; Genus Taenia)
- _____ Soft Tick (Family Argasidae; Genus Otobius or Argas)
- _____ Whipworm (Genus Trichuris)
- _____ Whipworm Egg (Genus Trichuris)

Name: _____

Chapter: _____

Equipment Identification

_____ Animal Clippers	_____ Gag mouth speculum
_____ Backhaus towel clamps	_____ Halter and Lead Rope (calf, horse, goat)
_____ Balling gun	_____ Hoof equipment (knife, nippers, pick, rasp, or trimmers)
_____ Bandaging material – roll gauze	_____ IV equipment
_____ Bandaging material – vet wrap	_____ Muzzle – commercial
_____ Bands (castration or docking)	_____ Nail clippers
_____ Betadine	_____ Needle holder
_____ Bulb syringe	_____ Obstetrical chain and handle
_____ Catch pole (dog snare)	_____ Paste gun
_____ Catheter – butterfly	_____ Pig tooth nippers
_____ Catheter – IV	_____ Pill counting tray
_____ Chain twitch	_____ Rumen magnet
_____ Clipper blades	_____ Scalpel blade
_____ Cold sterile tray	_____ Scalpel handle
_____ Dehorner	_____ Scissors – (bandage, lister bandage, littauer, suture removal, mayo dissecting, metzenbaum dis
_____ Dental equipment (float, retractor or scaler)	_____ Silver nitrate oxygen cage
_____ Disposable hypodermic needles	_____ Small animal oxygen cage
_____ Drench gun	_____ Snook ovariohysterectomy hook
_____ Ear notcher	_____ Staple remover
_____ Ear tag pliers	_____ Stethoscope
_____ Ear tags	_____ Surgical drapes
_____ Elastrator	_____ Surgical personal protective equipment)
_____ Elizabethian collar	_____ Surgical tray
_____ Emasculators	_____ Suture equipment
_____ Endotracheal tubes	_____ Syringe
_____ Fecal loop	_____ Tattooing instruments – small & large
_____ Feeding tube for small animals	_____ Tourniquet
_____ Fetal extractor	_____ Weight tape
_____ Forceps – Halstead mosquito hemostatic	

Name: _____

Chapter: _____

Breeds ID

_____	Afghan Hound	_____	Portuguese Water Dog
_____	Akita	_____	Pug
_____	Alaskan Malamute	_____	Rottweiler
_____	American Foxhound	_____	Saint Bernard
_____	Basenji	_____	Samoyed
_____	Basset Hound	_____	Scottish Terrier
_____	Beagle	_____	Shih Tzu
_____	Bernese Mountain Dog	_____	Siberian Husky
_____	Bichon Frise	_____	Silky Terrier
_____	Black and Tan Coonhound	_____	Smooth Fox Terrier
_____	Bloodhound	_____	Standard Schnauzer
_____	Boston Terrier	_____	Toy Fox Terrier
_____	Boxer	_____	Weimaraner
_____	Brittany	_____	West Highland White Terrier
_____	Bull Terrier	_____	Whippet
_____	Bulldog	_____	Wire Fox Terrier
_____	Bullmastiff	_____	Yorkshire Terrier
_____	Cairn Terrier		
_____	Cavalier King Charles Spaniel		
_____	Chihuahua		
_____	Chinese SharPei		
_____	Chow Chow		
_____	Cocker Spaniel		
_____	Dachshund		
_____	Dalmatian		
_____	Doberman Pinscher		
_____	English Foxhound		
_____	English Setter		
_____	English Springer Spaniel		
_____	German Shorthaired Pointer		
_____	Giant Schnauzer		
_____	Golden Retriever		
_____	Great Dane		
_____	Great Pyrenees		
_____	Greyhound		
_____	Irish Setter		
_____	Italian Greyhound		
_____	Labrador Retriever		
_____	Lhasa Apso		
_____	Maltese		
_____	Mastiff		
_____	Miniature Pinscher		
_____	Miniature Schnauzer		
_____	Newfoundland		
_____	Papillon		
_____	Parson Russell Terrier		
_____	Pekingese		
_____	Pomeranian		
_____	Poodle		
		GROUP ID	
		_____	SPORTING GROUP
		_____	NON-SPORTING GROUP
		_____	TERRIER GROUP
		_____	WORKING GROUP
		_____	TOY GROUP
		_____	HOUND GROUP

Name: _____

Chapter: _____

**Veterinary Science
Written Letter Scenario Scorecard**

	Possible Points
Customer Relations <ul style="list-style-type: none"> • Does the letter create/maintain goodwill (is it free of negative words that create an unpleasant tinge)? • Is the tone appropriate for the letter purpose? • Does the letter emphasize reader (you) rather than writer (I)? • Is the tone and reading level appropriate for reader? 	20
Business Letter Form <ul style="list-style-type: none"> • Is the letter written in acceptable business format including the date, inside address, salutation, body, complimentary close, signature and additional data (pc, enclosure, etc)? 	20
Organization <ul style="list-style-type: none"> • Is the content organized in logical, coherent order? • Is the letter properly divided into paragraphs with topic sentences? • Is the letter divided into sentences which clearly convey key points? • Does the letter use short conversational words? 	20
Technical Information <ul style="list-style-type: none"> • Is the technical information provided in letter correct? • Is the information provided in simple, clear, concise manner? • Does the letter relate directly to the inquiry? 	20
Grammar/Punctuation <ul style="list-style-type: none"> • Is the letter free of grammatical errors and misspelled words? 	20
Total Score:	100
Deductions (ex. Rules Infractions, Missing Content)	
Grand Total:	100