

Animal Careers NYS (NYS Only)



the actual contest. Check the Contest Guidelines and/or the updates page on the NYS SkillsUSA Web site:

<http://www.nysskillsusa.org/>

PURPOSE

To evaluate each contestant's preparation for employment and to recognize outstanding student's excellence and professionalism in the field of animal care.

CLOTHING REQUIREMENT

Contestants will be required to wear work sneakers or work shoes, that are enclosed (no open toe or open heel), scrub top with scrub pants or scrub top with black pants. You are required to have a long sleeve shirt, or a sweatshirt on site. NO LAB COATS. Long hair must be tied back. No jewelry, short clean nails and a watch with a second hand.

Note: Contestants must wear their contest clothing to the contest orientation meeting.

ELIGIBILITY

Open to active Skills USA members enrolled in CTE program on the secondary level with animal science or care.

EQUIPMENT AND MATERIALS

1. Supplied by the chairperson:
 - a. All animals
 - b. All equipment, materials, and items needed to conduct the contest.
2. Supplied by the contestant:
 - a. Pen/Pencil
 - b. All competitors must create a one-page résumé and submit a hard copy to the technical committee chair at orientation. Failure to do so will result in a 10-point penalty.
 - c. All contestants must bring the safety assurance form (not the NCLS form) and turn it in the same time with the resume.

Note: Your contest may also require a hard copy of your résumé as part of

SCOPE OF THE CONTEST

The scope of the contest is defined by industry standards.

Knowledge Performance

The contest will include a written knowledge test assessing general knowledge of basic animal care skills. Topics assessed may include but are not limited to: life sciences related to animal health care, communication skills, employability, law and ethics, and work safety practices.

Skill Performance

The second portion of the contest will be a series of workstations in which contestants will demonstrate their knowledge of animal breeds, body language, health care skills. Topics that will be assessed may include but are not limited to: clinical skills, emergency cares, communication skills, key medical terms and abbreviations, law and ethics, and work safety.

1. Contest projects will be chosen from the following list:

- a. Identify animal breeds from photographs. Spelling Counts!
- b. Animal Body Language (dominance, aggression, fear, arousal, etc.)
- c. Demonstrate & record temperature, pulse and/or respiration of a large or small animal.
- d. Identify apical and femoral pulse sites.
- e. Identify common blood withdrawal sites.
- f. Patient history & Physical exam.
- g. Practical mathematical applications commonly encountered in the veterinary workplace. (weights, conversions, mixing concentrated solutions etc.)

- h. Identify directional terminology and body planes.
- i. Identify surgical instruments. (see attached list)
- j. Prepare and/or package equipment and/or supplies for sterilization. (Reference McCurnin)
- k. Gown folding (Reference McCurnin)
- l. Aseptic technique (common antiseptic and disinfectant agents)
- m. Sterilization Methods
- n. Identify diagnostic equipment used in Radiology, Dentistry, Surgical Nursing, Anesthesiology, Pathology and Parasitology.
- o. Apply principles of disinfection.
- p. Wound Management and Bandaging.
- q. Scientific Classification of various animal species. (see attached list)
- r. Identify external parasites and internal parasites. (Using scientific terminology)
- s. Perform a fecal Analysis.
- t. Principles of nutrition- basic needs, unique characteristics of individual species diet.
- u. Husbandry.
- v. Care of Birds, Reptiles, large and Small Animals
- w. Identify the sex of various animal species.
- x. Identify common bedding materials. (see attached list)
- y. Proper restraint and handling techniques of various animal species.
- z. External anatomy.
 - aa. Systems of the body.
 - bb. Diseases of domestic animals.
 - cc. Preventive health plans, vaccinations and abbreviations.
 - dd. Knowledge of Animal Welfare and Animal Rights issues and agencies.
 - ee. Proper hand washing skills.
 - ff. Veterinary terminology and abbreviations.
 - gg. Pharmacology (Routes of Administration, dosage calculations & drug classifications)
 - hh. Identify grooming equipment. (see attached list)
 - ii. Customer Service

References:

Small Animal Care and Management; Dean M. Warren

ISBN 0-8273-4557-7

All Breed Dog Grooming Guide; Sam Kohl

ISBN 0-9646072-0-4

Clinical Textbook for Veterinary Technicians; Dennis M. McCurnin

ISBN 0-7216-2196-1

Example of Stations

Animal Career

- Station 1 Parasites
- Station 2 Breeds
- Station 3 Surgical Prep
- Station 4 Client Interview
- Station 5 Fecal Analysis
- Station 6 External Anatomy/cats
- Station 7 Systems of the Body A
- Station 8 Veterinary Assistant
- Station 9 Grooming
- Station 10 Pocket Pets
- Station 11 Systems of the Body
- Station 12 Conc/Sol Covers
- Station 13 Scientific Classification

Scientific Classification

Rabbit	Guinea Pig
Rat	Mouse
Ferret	Chinchilla
Hamster	Gerbil
Cat	Sugar Glider
Hedgehog	Dog
Cockatiel	Ball python
Iguana	Llama
Cattle	Pig
Horses	Goat
Sheep	Bearded Dragon
Chicken	