

## **2020 VETERINARY SCIENCE CDE**

Friday, May 15th 2020

UConn-Storrs

Registration 8:30 a.m. Contest begins at 9 a.m.

SUPERINTENDENT: Nicole Hodges

[nhodges@southingtonschools.org](mailto:nhodges@southingtonschools.org) (860) 628-3229 x 11415

**All teams must be declared by April 30 th to the superintendent via email**

Please bring lunch and/or snacks. Remember, this is one of the largest CT CDEs. Please plan accordingly so that all components may be included. Plan accordingly; the contest may not end until after 4:00 pm

Each school is permitted to have one team of 4 individuals. No alternates are permitted.

All contestants should bring a clipboard, pencils and a calculator.

**Schools must provide an adult for supervision and/or contest assisting purposes. (This is imperative for the contest to run smoothly and in a timely manner.)**

### **General Knowledge Test- 50 Questions**

50 multiple choice questions will be given. Each question will be worth 2 points.

*Introduction to Veterinary Science*. 2nd Edition Lawhead, Baker. ISBN: 978-1-4283-1225-8

Chapter 15 - Disease Prevention

*Clinical Textbook for Veterinary Technicians*. 8th Edition Bassert, Thomas. ISBN: 978-1-4377-2680-0

Chapter 6 - Restraint and Handling of Animals

*Small Animal Care and Management*. 2nd Edition Warren. ISBN: 0-7668-1424-6

Chapter 4 - Animal Rights and Animal Welfare

### **Equipment/Breed/Parasite ID- 50 Questions**

50 photos will be available for viewing. Each photo will be worth 2 points. Identification items will come from the 2017- 2021 Veterinary Science CDE Handbook. No microscopic specimens will be used.

### **Practicums**

**All** contestants should come prepared for all practicum areas. Practicums will be assigned to individual students by the superintendent on the day of the contest.

**Current Event** (formerly Scenario Practicum) 100 points total

The student will be given one scenario with 30 minutes to complete the scenario using critical thinking and problem solving skills. A resource will be given to students the day of which they will respond to in persuasive

letter format. Students are expected to become aware of recent issues affecting those in the veterinary practice to prepare for the event.

**Clinical Procedures Practicum** 100 points total

The student will be asked to perform 2 clinical procedures in 15 minutes

- Filling a Syringe for Injection
- Prescription Filling
- Removal of Sutures
- Bandage Removal
- Administering Ophthalmic Medication
- Administering Subcutaneous Injection
- Administering Intramuscular Injection

**Handling & Restraint Practicum** 100 points total

The student will be asked to perform 2 handling & restraint procedures in 15 minutes

- Restraint of a Cat in Lateral Recumbency for Femoral Venipuncture
- Restraint of a Cat for a Jugular Venipuncture
- Applying a Gauze Dog Muzzle
- Restraint of a Dog Cephalic Venipuncture
- Haltering Ruminants
- Haltering a Horse
- Restraint of a Rabbit

**Math Application Practicum** 100 points total

The student will be asked to solve 5 questions in 30 minutes. Questions may include conversions, dose calculations, dilutions, cost calculations and invoices. Students will not receive partial credit for incorrect answers. No conversion chart will be given.

**Team Activity** - 500 points

Teams will conduct research using local veterinarians and veterinary resources based on a Veterinarians role in animal welfare. The team will be provided a specific scenario when they begin their team activity. They will have a total of 15 minutes to prepare their presentation. Teamwork will be assessed during the plan development time. Teams will evaluate the information provided and prepare the questions, diagnostics and recommendations as well as explain steps and procedures for the veterinary process in their plan. Teams need to determine what aspects of veterinary medicine and roles are most important to demonstrate based on the annual topic. After preparation the team will be required to give an oral presentation for a maximum of 15 minutes explaining decisions made by the team. All team members are expected to participate in the presentation. The team will then be required to answer questions from judges regarding the decisions reached by their team for a maximum of 10 minutes. Resources provided for the team activity may include diagnostic information like blood work, synopsis of disease state, treatment recommendations and cost information.

**2020: Veterinarians Role in Animal Welfare**

Total Team Score

General Knowledge Test	100 points x 4	400 points
Identification	100 points x 4	400 points

Current Event	100 points x 1	100 points
Clinical Procedures	100 points x 1	100 points
Handling & Restraint	100 points x 1	100 points
Math Applications	100 points x 1	100 points
Team Activity		500 points
<b>Total Points</b>		<b>1,700 points</b>