



Creating Learning Opportunities in Your Vet Science Class

Feline Vet Trainer

Vet Science Practicum and Training

- FFA Standards – Vet Science Practicum
 - Applying a Cat Muzzle
 - Removing Car from a Cage
 - Wrap in a Fear-Reduced Manner
 - Restraint of a Cat for Cephalic IV Catheter
 - Restraint of a Cat for Jugular Venipuncture
 - Restraint of a Cat for Lateral Recumbency for Femoral Venipuncture
- AFNR Standards
 - VS-1, VS-2, VS-3, VS-4, VS-6, VS-7, VS-8, **VS-9**, VS-15
 - *Perform several common veterinary hospital procedures*

Feline Vet Trainer

- Practice proper restrain holds on the cat during different procedures
- Do blood draws and injection practice
- Teach proper CPR technique with repeatable and sanitary use for your students
- Let students learn the proper placement and procedures of placing a catheter
- Curriculum included

NEW - Feline Vet Trainer \$1,999 – 48010400

Practice restraint holds, CPR, blood draws and other care skills with this realistic male cat model.

Includes:

- Feline Vet Trainer
- IV bag and stand
- Syringe with 20-gauge needle
- 3.5 Fr catheter
- 100 CPR bags
- CPR bag replacement hook
- Quick start guide
- Standards-based, downloadable curriculum
- 1-year limited warranty

Use this trainer to practice:

- Restraint holds
- Chest compressions
- Mouth-to-snout CPR
- Palpation
- Blood draws
- Catheterization
- Bandaging
- Injections

Specifications:

- Dimensions: 18.5" x 14" x 6"
- Weight: 4.5 lbs.

Feline Vet Trainer

- Curriculum lesson topics:
 1. Cat Care and Handling
 2. CPR and Care
 3. Venipuncture and Catheterizing
- Teaching hours: 3-4
- Includes: Presentation slides, student activities and pre- and post-assessments



Check
out the
new 2024
catalog

Hands-on Learning

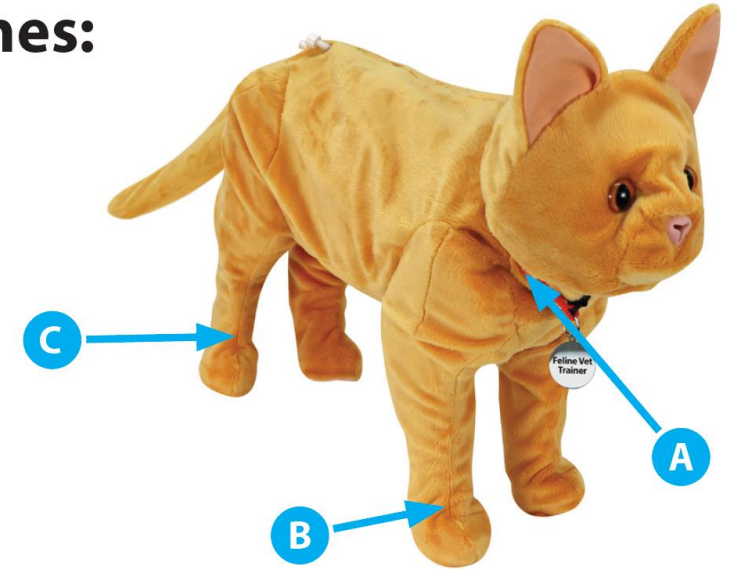


**Catheter
Insertion:**



Blood draw zones:

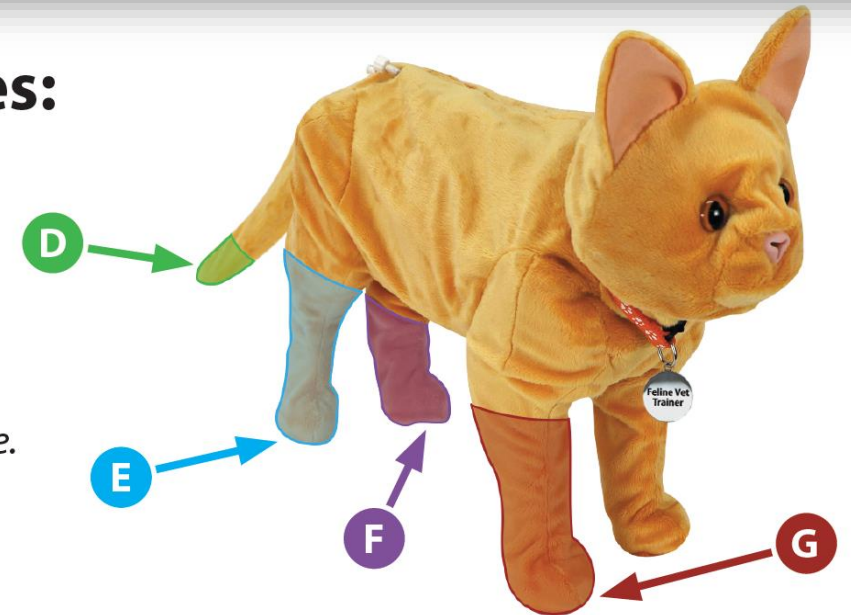
- A. Jugular vein
- B. Cephalic vein
- C. Femoral vein



Injection sites:

- D. Pilot Study Site
- E. FeLV
- F. Rabies
- G. FVRCP

Note: Do not use fluids during injection practice.



Canine Auscultation Trainer

Vet Science Practicum and Training

- AFNR Standards
 - VS-1 – Demonstrate employability skills required by business and industry
 - ***VS-2 – Learn to work safely in the agriculture lab and work sites***
 - VS-6 – Investigate body systems and construct a working knowledge of the functions
 - VS-7 – Define vocabulary of directional anatomical terms and anatomical structures
 - ***VS-8 – Critique the various regions of the animal's body and signs of illness that may be present***
 - ***VS-9 – Perform several common veterinary hospital procedures***
 - VS-15 – Identify and explain purpose of common breeds of animal species and discuss temperament/behavior characteristics

Canine Auscultation Trainer

- Learn the sounds that you should be listening to for different issues of the dog for Heart, Lung and Bowels

NEW - Canine Auscultation Trainer \$2,749 - 47010300

Give students safe, hands-on canine veterinary skills practice with this life-size trainer.

Use this simulator to practice:

- Stethoscope placement
- Auscultation of heart, lung and bowel sounds
- Restraint holds

Includes:

- Canine Auscultation Trainer
- RealityScope (stethoscope attachment)
- Smart device with app
- Soft-sided storage case
- Quick start guide
- Standards-based, downloadable curriculum
- 1-year limited warranty

Features:

- Includes a smart device and app programmed with 22 lifelike sounds:
 - Heart sounds: Healthy, slow, and fast heartbeat; fast and slow arrhythmia; continuous, diastolic, and systolic murmurs; patent ductus arteriosus; and atrial fibrillation
 - Lung sounds: Slow, normal, fast, faint, heavy, wheeze, crackles, stridor, and stertor breathing
 - Bowel sounds: Healthy, hyperactive, and hypoactive
- Limbs move naturally
- Sits, stands and lies down
- Fits standard muzzles
- Approximately the size of a mid-sized Labrador Retriever

Specifications:

- Dimensions: 30" x 10" x 24"
- Weight: 9.6 lbs.



NOTICE: Stethoscope not included.

Canine Auscultation Trainer

- Curriculum lesson topics:
 1. Proper Use of a Stethoscope
 2. Auscultation of the Heart, Lungs, and Bowels
- Teaching hours: 3-4
- Includes: Presentation slides, student activities, and pre- and post-assessments
- Aligns to: Vet and Animal Science Standards





Canine Auscultation Trainer

Heart, Lung and Bowel Sounds

Auscultation Sounds

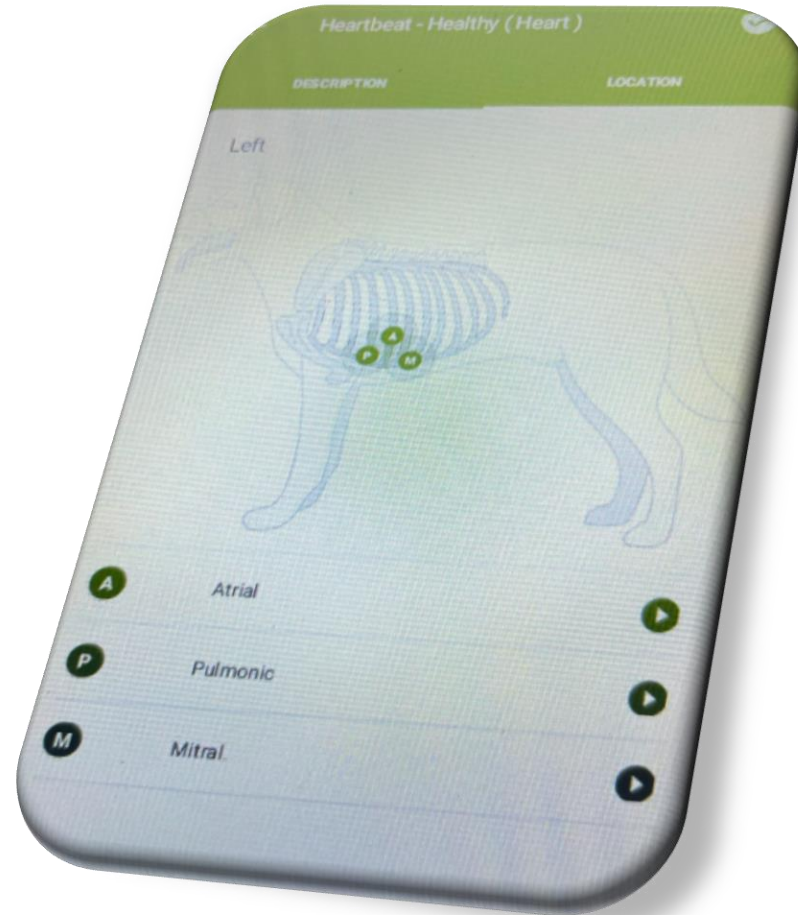
Normal Heartbeat



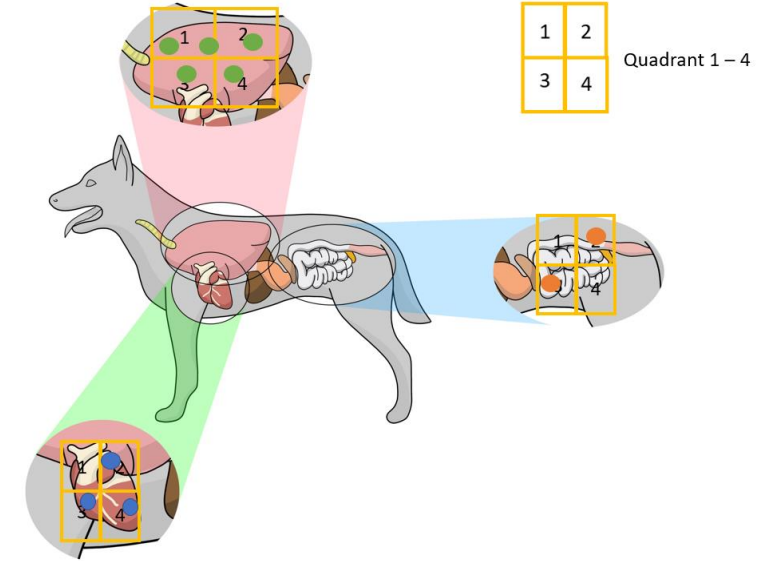
Normal Breathing



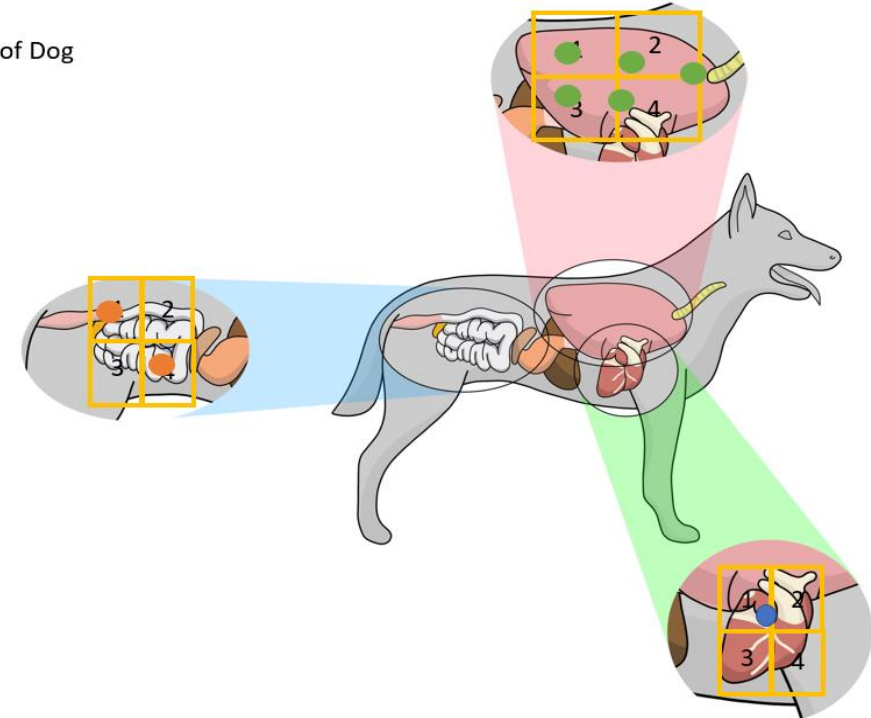
Normal Bowel



Left Side of Dog



Right Side of Dog



Curriculum

Parts of a Spring Stethoscope

- Binaural spring helps keep the earpieces snugly in the outer ear canals
- Typically, a feature of stethoscopes with straight earpieces
- Has a single bell



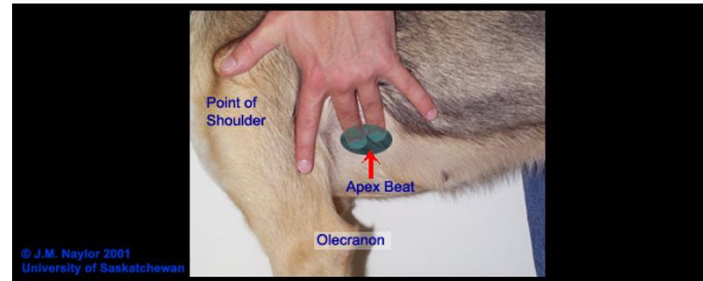
www.realityworks.com

Canine Auscultation Trainer Curriculum

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Realityworks
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Auscultation of the Heart



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Canine Auscultation Trainer Curriculum

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Realityworks
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Animal Clinic Design Curriculum

Realityworks
Live it. Learn it.
...an employee-owned company

Examples of Abnormalities

- Arrhythmia
- Rapid heartbeat
- Missed beats
- Murmur



www.realityworks.com

Canine Auscultation Trainer Curriculum

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Realityworks
Live it. Learn it.

Veterinary Technician Career Skit Rubric

	Excellent 4 points	Good 3 points	Average 2 points	Needs Improvement 1 point	Total
Accuracy	All information is accurate	Almost all information is accurate	Most information accurate	Very little information is accurate	
Role	Excellent teamwork in skit presentation – responsibility is evenly shared	Good teamwork in presentation but one person had a bit more responsibility	Fair teamwork with one member responsible for most of the presentation	Little or no teamwork exhibited	
Knowledge	The skit shows a thorough understanding of all job responsibilities	The skit shows a fairly clear understanding of job responsibilities	The skit shows only a partial understanding of the job responsibilities	The skit does not reflect knowledge of the job responsibilities	
Creativity	Used several props and added several visuals like photos or animations	Used one prop and one visual effect	Used a prop or visual effect	Used no props or visual effects	
Required Elements	The scenario in the skit is mostly appropriate for the job	The scenario for the skit is mostly appropriate for the job	Half of the skit scenario does not apply to the job	The scenario is off the mark entirely	

20 points 100%
15 points 75%
10 points 50%

Total _____

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< Presentation title here >

Act It Out

Veterinary Technician

Major responsibilities:

- Performing an initial examination of the animal
- Taking vital signs, drawing blood, and gathering medical histories
- Providing emergency first aid
- Collecting specimens
- Assisting in research
- Performing laboratory procedures
- Preparing animals and equipment for surgical procedures
- Administering medications and vaccines prescribed by a veterinarian
- Taking and processing x-rays
- Educating animal owners

Add more in the space below:

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Career Collage

Directions: Choose one of the two careers listed below. Use the space provided to research key facts about the career. Collect as much information as possible.

Vet Tech Career Options:

- Small Animal Vet Tech or Large Animal Vet Tech

Main Duties: 	Required Training:
Job Outlook: 	Other:

Which career option would you choose (small or large animal vet tech) and why?

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Complementary Vet Science Product Opportunities

Vet Science Package*

\$5,499 - 41510500

9 hours of course content,

5 hands-on resources:

Canine Vet Trainer, Animal Clinic Design Kit, Cat Skeleton Model, Small Dog Skeleton Model, Suture Kit (5-pack)



NEW - Dog Kit \$699 - 40210107

Includes:

- 5 sets of Breed ID Flashcards
- 5 sets of Diseases and Parasites Trivia Cards
- 4 posters (Feeding and Management, Reproduction, Selection and Judging, and Careers in the Canine Industry)
- 5 dog whiteboards
- Storage box
- Standards-based, downloadable curriculum
- 90-day limited warranty



NEW - Cat Kit \$699 - 40210108

Includes:

- 5 sets of Breed ID Flashcards
- 5 sets of Diseases and Parasites Trivia Cards
- 3 posters (Feeding and Management, Reproduction, and Judging)
- 5 cat whiteboards
- Storage box
- Standards-based, downloadable curriculum
- 90-day limited warranty



Animal Agriculture Education Kits Package (Includes all of the below kits) **\$4,199** - 40210100

42 hours of course content, 6 hands-on resources

Beef Cattle Kit \$729 - 40210102

Includes:

- 5 sets of Breed ID Flashcards
- 2 posters (Judging and Feeding and Management)
- 5 sets of Diseases and Parasites Trivia Cards
- 5 beef cattle whiteboards
- Reproductive organ model
- Storage box
- Standards-based, downloadable curriculum
- 90-day limited warranty



Swine Kit \$729 - 40210104

Includes:

- 5 sets of Breed ID Flashcards
- 3 posters (Reproduction, Judging, and Feeding and Management)
- 5 sets of Diseases and Parasites Trivia Cards
- 5 swine whiteboards
- Storage box
- Standards-based, downloadable curriculum
- 90-day limited warranty



Chicken Kit \$729 - 40210105

Includes:

- 5 sets of Breed ID Flashcards
- 2 posters (Judging and Feeding and Management)
- 5 sets of Diseases and Parasites Trivia Cards
- Chicken egg cycle exploration set
- 5 chicken whiteboards
- Storage box
- Standards-based, downloadable curriculum
- 90-day limited warranty



Sheep Kit \$729 - 40210101

Includes:

- 5 sets of Breed ID Flashcards
- 2 posters (Judging and Feeding and Management)
- 5 sets of Diseases and Parasites Trivia Cards
- Sheep Gestation Wheel
- 5 sheep whiteboards
- Storage box
- Standards-based, downloadable curriculum
- 90-day limited warranty



Horse Kit \$729 - 40210103

Includes:

- 5 sets of Breed ID Flashcards
- 3 posters (Feeding and Management, Judging, and Reproduction)
- 5 sets of Diseases and Parasites Trivia Cards
- 5 horse whiteboards
- Storage box
- Standards-based, downloadable curriculum
- 90-day limited warranty



Goat Kit \$729 - 40210106

Includes:

- 5 sets of Breed ID Flashcards
- 2 posters (Judging and Feeding and Management)
- 5 sets of Diseases and Parasites Trivia Cards
- Goat Gestation Wheel
- 5 goat whiteboards
- Storage box
- Standards-based, downloadable curriculum
- 90-day limited warranty



Kit Curriculum (each kit includes specific animal lessons: beef cattle, swine, chicken, sheep, horse, goat, dog and cat kits)

- Curriculum lesson topics:
 1. Breeds
 2. Feeding and Management
 3. Diseases and Parasites
 4. Reproduction
 5. Body Systems
 6. Selection and Judging
 7. Marketing/Careers/Training
- Teaching hours: 7 (each)
- Includes: Presentation slides, student activities and pre- and post-assessments
- Aligns to: AFNR Career Pathway Content Standards

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Contemporary Entrepreneurship Program

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Q&A



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