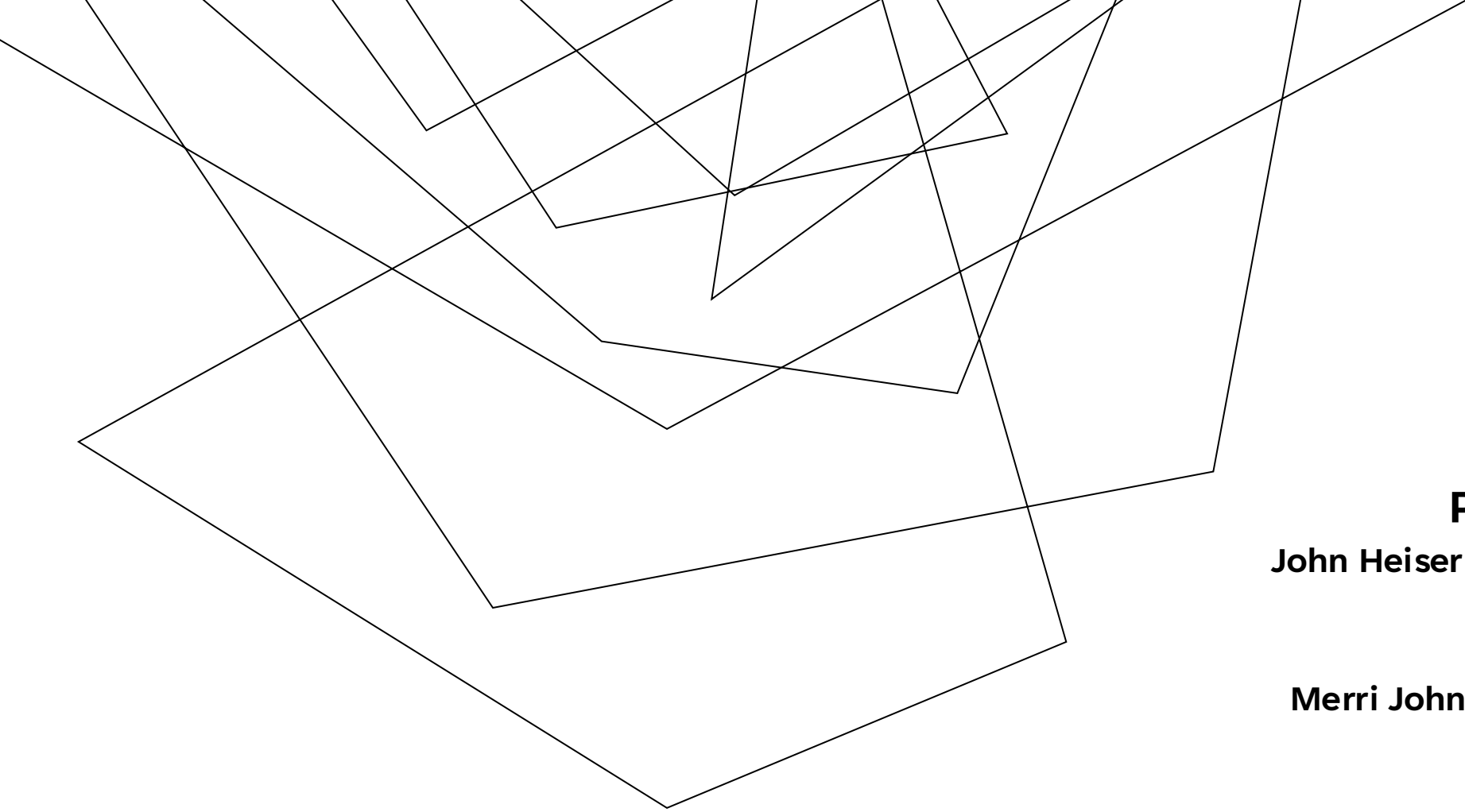




Presenters:

John Heiser: Ag Ed Program Advisor,
FCAE

Merri Johnson: Account Manager,
Realityworks

**IMPLEMENT LARGE & SMALL ANIMAL HANDS-ON
LEARNING TOOLS IN YOUR ANIMAL & VET SCIENCE
CLASSES**

A series of white, overlapping geometric lines and polygons on a black background, located on the left side of the slide.

TODAY'S AGENDA:

- Introduce Simulators
- Breakout Groups
- Share Best Practices & Ideas

FELINE VET TRAINER

SKU: 48010400

Price: \$1999

3 Hours curriculum

Learn the fundamentals of caring for a cat with the Feline Vet Trainer. This full-size trainer allows you to do various skill training to ensure the health of a cat. You can perform CPR on the trainer with both compressions and mouth-to-nose breathing. This trainer also allows you to practice and perfect different holds and restraints when handling a cat. You can practice Cephalic and Lateral venipuncture as well as catheterization on the trainer.

Kit includes:

- Feline Vet Trainer (Male Cat)
- IV bag and stand
- Carrying bag
- Blood draw and catheterization tubing
- Downloadable curriculum (2 lessons)
- 1-year warranty



Hands-on Learning

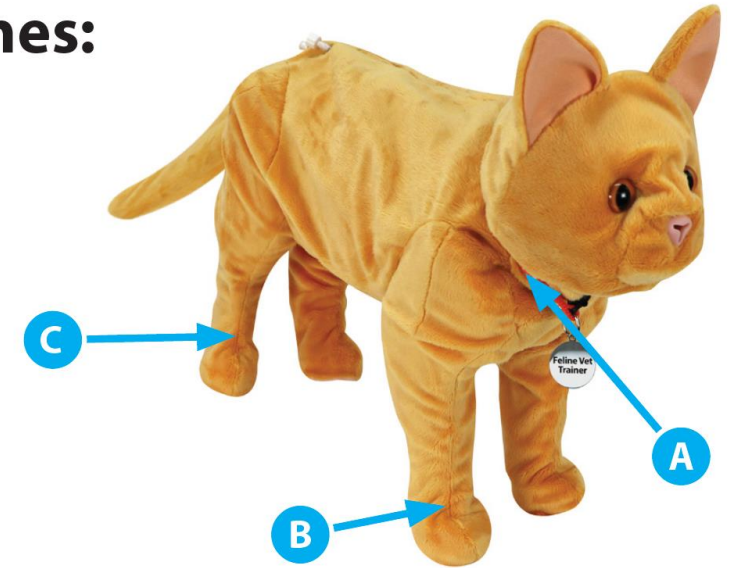


Catheter
Insertion:



Blood draw zones:

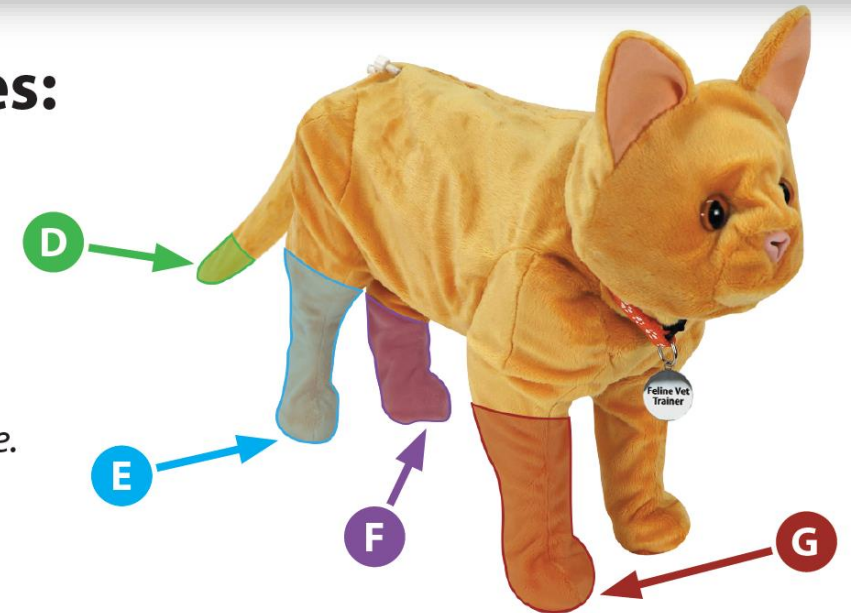
- A. Jugular vein
- B. Cephalic vein
- C. Femoral vein



Injection sites:

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

Note: Do not use fluids during injection practice.



FELINE VET SCIENCE PRACTICUM AND TRAINING

FFA Standards – Vet Science Practicum

- Applying a Cat Muzzle
- Removing Cat 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*



CANINE AUSCULTATION TRAINER

Heart, Lung and Bowel Sounds

CANINE AUSCULTATION TRAINER

SKU: 47010300

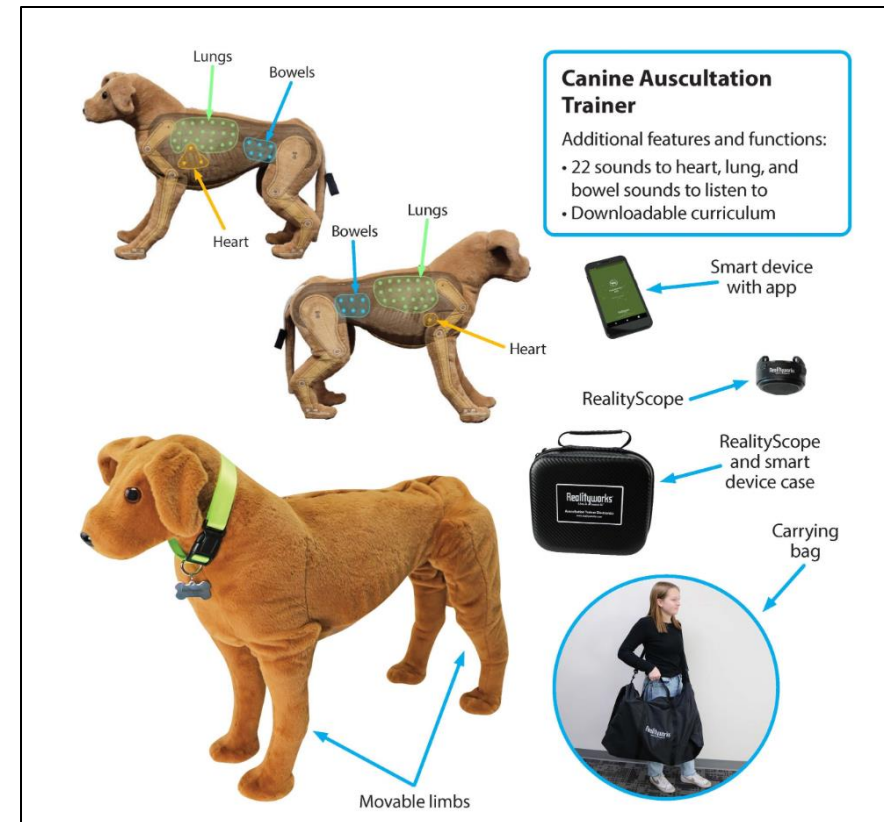
Price: \$2,749

3-4 Hours curriculum

Learn the sounds that you should be listening to for different issues of the dog for Heart, Lung and bowels. Students can practice a variety of proper canine restraints in a controlled, no-harm environment. They can maneuver this trainer into different surgery and x-ray positions with realistic features like pliable limbs and bending joints.

Kit includes:

- Canine Auscultation Trainer
- RealityScope stethoscope attachment
- Smart device with app
- Carrying bag
- Downloadable curriculum (2 lessons)
- 1-year warranty



Auscultation Sounds

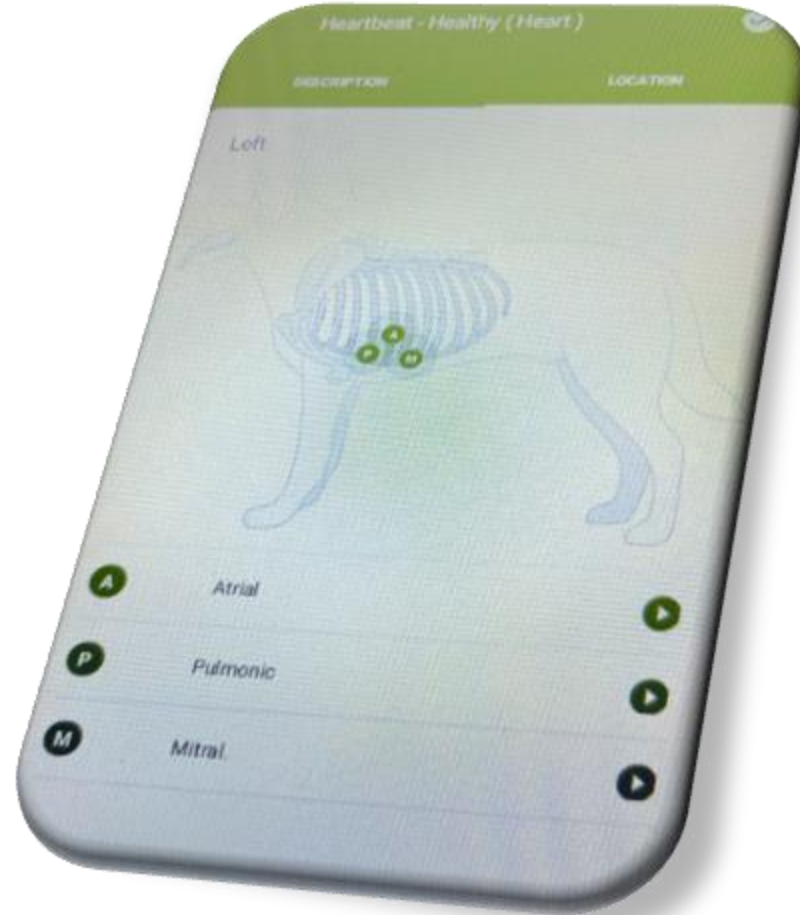
Normal Heartbeat



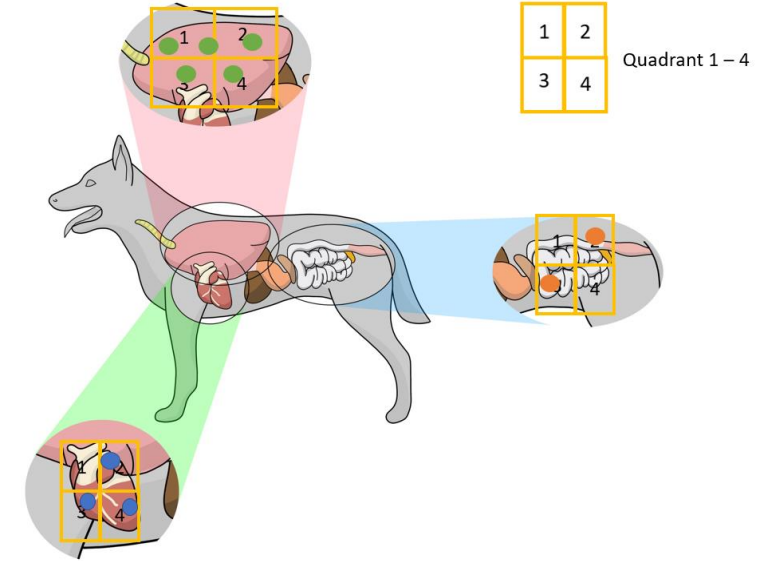
Normal Breathing



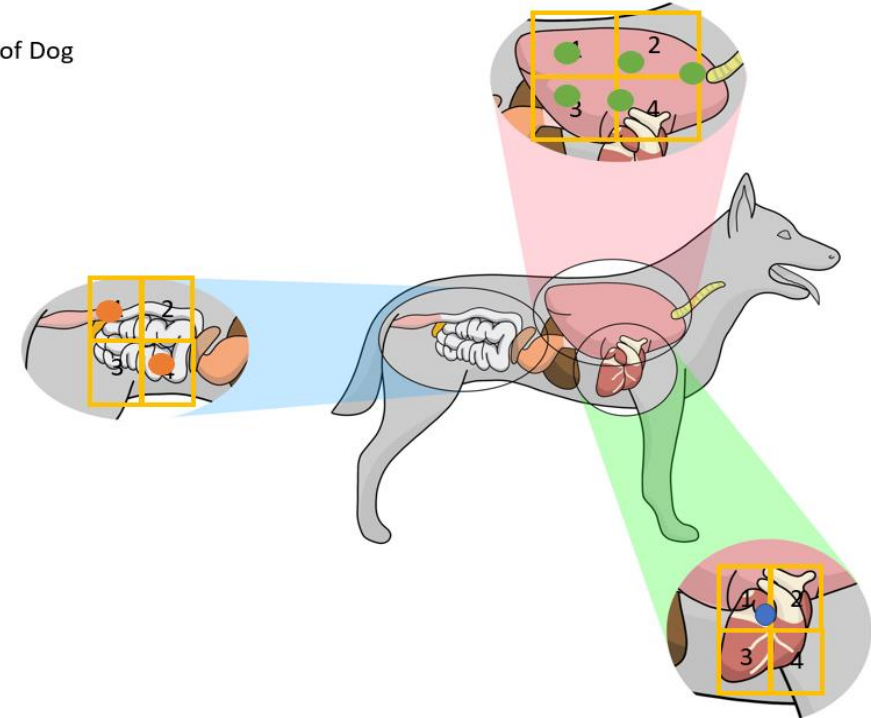
Normal Bowel



Left Side of Dog



Right Side of Dog



CANINE AUSCULTATION 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.

SWINE LITTER PROCESSING KIT

SKU: 44010420

Price: \$2,299

Curriculum: 1-2 Hours

Students receive hands-on practice processing piglets with this Kit. Use each of the four piglet simulators in this kit to practice proper sterile technique and four processing techniques: teeth clipping, castration, tail docking, as well as ear notching.

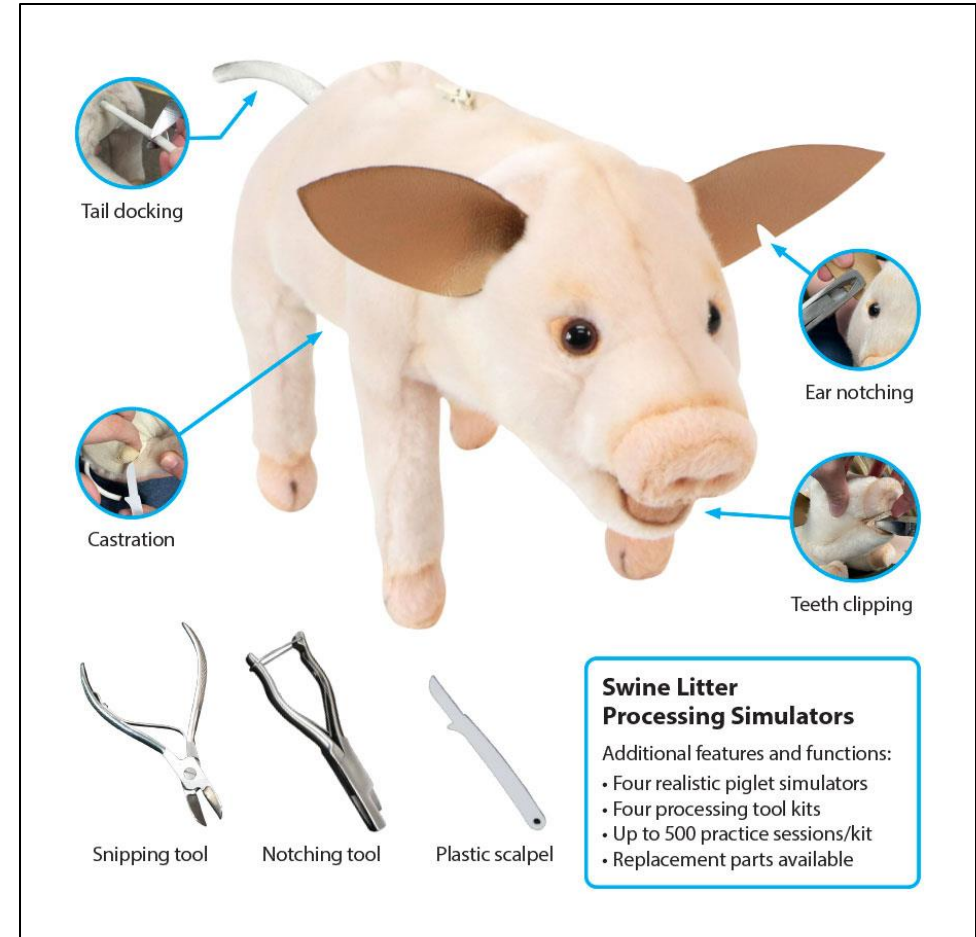
Kit includes:

- 4 piglet simulators
- 4 tail snippers
- 4 ear notching tools
- 4 plastic scalpels
- Teeth (80 sets)
- Ears (80 pairs)
- 8 testicles
- 4 tails (3-feet long each)
- Downloadable curriculum
- 1-year limited warranty



SIMULATIONS

- Clipping Teeth
- Castrating
- Dock Tails
- Notch Ears
- Proper Restraints/Handling
- Bio Security – keep it sterile



KEY FEATURES ON SWINE LITTER PROCESSING KIT

Ear Notching & Docking the Tail



Clipping the Teeth



Castrating



UP TO 500 PRACTICE SESSIONS PER KIT!

SWINE BREEDER AI SIMULATOR

SKU: 44010400

Price: \$3,299

Curriculum: 3-5 Hours

Students learn proper swine artificial insemination and birthing techniques on this life-sized female swine in a no-harm environment. This simulator allows up to a 300 lb. student to sit on it while checking for standing heat and replicate artificial insemination techniques. In addition, students can practice farrowing piglets and learn how to deliver normal and abnormal positions.

Kit includes:

- Swine breeder
- 2 Fetal Pigs
- Spiral-tip Catheter
- AI reproductive tract
- Farrowing tract
- Quick start guide
- Downloadable curriculum
- 1-year limited warranty



SIMULATIONS

- Check for standing heat
- Students safely practice correct AI insemination technique
- Practice Normal Delivery (anterior & Posterior)
- Practice Abnormal Delivery:
 - Breech
 - Double Over Position
 - 2 Piglets presented at once
 - Heavy Uterus



SWINE PRACTICUM AND TRAINING

AFNR: Vet Science

- VS-2,
- VS-4
- VS-6
- VS-7
- VS-14

AFNR: Animal Systems

- AS-2
- AS-4
- AS-5
- AS-6
- AS-7

BREAKOUT TIME!

SMALL GROUPS OF 2-4



DISCUSS THE FOLLOWING:

- 1) What class(es) does this product/curriculum align?
- 2) Present a Focus, Learn or Assessment you liked.
- 3) What prior knowledge or skills will students need to succeed with this?
- 4) Any potential hang-ups for your students that you'll need to address?
- 5) What Essential Skills are learned in this lesson?
- 6) How to break it down to each individual skills?
- 7) How would you implement this as learning stations?
- 8) How can we store these units?
- 9) Any "Aha" moments you had researching this?
- 10) What connections can you make with these resources to various careers?
- 11) How can you use this to set up as a final Skills Assessment?
- 12) How can you use this for recruiting new students?

(15-20 MINUTES)



GROUP SHARE TIME

SHARE THE FOLLOWING:

- 1) Any Recommendations or Best Practices to share after reviewing the curriculum or using it in your classroom?
- 2) Any “Aha” moments you had researching this? What stood out the most?
- 3) What you learned today, how does that relate to our topic:
Teaching large & small animal handling in our classroom safely and effectively
- 4) REMINDER: Opportunities to use this as a Team Based Challenge – or even learning skills to DO the Team Skills Challenge.

(15-20 MINUTES)

FREE CURRICULUM:

- Feline Vet Trainer:
 - www.Realityworks.com/felinevettrainer-downloads
- Canine Auscultation Trainer:
 - www.Realityworks.com/canineauscultationtrainer-downloads
- Swine Litter Processing Kit:
 - www.Realityworks.com/swinelitter-downloads
- Swine Breeder:
 - www.Realityworks.com/swinebreederaisimulator-downloads
- Career Exploration:
 - www.Realityworks.com/free-lesson-plans

ENGAGE EXPERIENCE WELFARE

