### Agriculture Curriculum Overview

<table>
<thead>
<tr>
<th>Experiential Learning Tools</th>
<th>Curriculum Length</th>
<th>Lesson Topics</th>
</tr>
</thead>
</table>
| Bovine Breeder artificial insemination simulator | 3-5 lesson hours  | - Cow and Bull Reproductive Systems  
- Basic Principles of AI  
- AI Technique  
- Pregnancy Palpation |
| Bovine Injection Simulator                      | 2 lesson hours    | - Cow and Bull Reproductive Systems  
- Bovine Growth Implants |
| Bovine Milking Udder Simulator                  | 4 lesson hours    | - Development of the Bovine Udder  
- Structure of the Bovine Udder  
- Milking Procedure  
- Managing Somatic Cell Counts |
| Cow Anatomy 3D Flip Chart                       | 3 lesson hours    | - Beef and Dairy Cow Anatomy  
- Ruminant Digestive Tract  
- Cow and Bull Reproductive Systems |
| Cow Model                                       | 3 lesson hours    | - Beef and Dairy Cow Anatomy  
- Ruminant Digestive Tract  
- Cow and Bull Reproductive Systems |
| Ruminant Model                                  | 1 lesson hour     | - Ruminant Digestive Tract |
| Cow Uterus Model                                | 1 lesson hour     | - Cow and Bull Reproductive Systems |
| Horse Model                                     | 3 lesson hours    | - Horse Anatomy  
- Horse Digestive System  
- Horse Reproductive Systems |
| Horse Stomach Model                             | 1 lesson hour     | - Horse Digestive System |
| Horse Uterus Model                              | 1 lesson hour     | - Horse Reproductive Systems |
| Pig Model                                       | 3 lesson hours    | - Pig Anatomy & Pork Cuts  
- Pig Digestive Tract  
- Pig Reproductive Systems |
| Pig Stomach Model                               | 1 lesson hour     | - Pig Digestive Tract |
| Pig Uterus Model                                | 1 lesson hour     | - Pig Reproductive Systems |
| Dissected Fetal Pig Model                       | 1 lesson hour     | - Dissection of a Fetal Pig |
| Goat Model                                      | 3 lesson hours    | - Goat Anatomy  
- Goat Digestive Tract  
- Goat Reproductive Systems |
| Sheep Model                                     | 3 lesson hours    | - Sheep Anatomy  
- Sheep Digestive Tract  
- Sheep Reproductive Systems |
| Chicken Model                                   | 1 lesson hour     | - Understanding Poultry Anatomy |
| Rabbit Model                                    | 1 lesson hour     | - Basic Anatomy of a Rabbit |
| Dog Model                                       | 3 lesson hours    | - Dog Anatomy and Physiology  
- Dog Digestive Tract  
- Dog Reproductive System |
| Cat Model                                       | 4 lesson hours    | - Cat Anatomy and the Five Senses  
- Cat Digestive and Urinary Systems  
- Cat Reproductive System  
- Cat Respiratory and Circulatory Systems |
| Suture Kit                                      | 1 lesson hour     | - Suturing Basics |
| Plant Science Kit                               | 10-14 lesson hours| - Introduction to Plant Science  
- Plant Cell Structure  
- Leaves, Roots and Stems  
- Flowering Plants  
- Plant Identification Features  
- Photosynthesis, Respiration and Transpiration  
- Exploring Botany and Plant Science Careers |