

**Elizabethtown Area School District
Scope & Sequence - Quick Reference**



Department: Agriculture Education

Course: Equine Science

Grade Level(s): 10-12th Grade

<i>Unit Title</i>	<i>General Topic(s)</i>	<i>Pacing</i>
1. History, Status, and Future of the Equine Industry	<ul style="list-style-type: none"> ● History and evolution of the horse ● Horses in the United States ● Use of horses today ● Current Hot topics in the equine industry ● Future of the equine industry 	2 weeks
2. Equine Anatomy and Physiology	<ul style="list-style-type: none"> ● Parts of the horse <ul style="list-style-type: none"> ○ External Anatomy ○ Muscles ○ Bones/Skeleton ● How are horses different from other livestock? 	3 weeks
3. Equine Nutrition and Feeding	<ul style="list-style-type: none"> ● Equine form to function ● Nutritional needs of the horse ● Horse digestion <ul style="list-style-type: none"> ○ Function ○ Internal Anatomy ● Types of horse feed ● Feed Rations 	3 weeks

<p>4. Equine Reproduction and Breeding</p>	<ul style="list-style-type: none"> ● External Parts of the stallion/mare ● Internal Parts of the stallion/mare ● Function of the equine reproduction system ● Mare estrus cycle ● Breeding Operations <ul style="list-style-type: none"> ○ Live Cover vs AI ● Equine Pregnancy <ul style="list-style-type: none"> ○ Foal Birth and Care 	<p>4 weeks</p>
<p>5. Equine Health Management</p>	<ul style="list-style-type: none"> ● Equine Health Care Checklist ● Equine Dentistry/Teeth Floating ● Equine Exercise/Daily Turnout ● Vet Check ● Vaccines ● Hoof anatomy and care <ul style="list-style-type: none"> ○ Farrier - Hoof trimming/shoeing 	<p>3 weeks</p>
<p>6. Equine Evaluation (Judging) and Equitation</p>	<ul style="list-style-type: none"> ● Equine Conformation ● Halter Evaluation of Horses ● Western vs English Riding <ul style="list-style-type: none"> ○ Western Tack ○ English Tack ● Equine Movement ● Performance Evaluation of Horses <ul style="list-style-type: none"> ○ Western Pleasure <ul style="list-style-type: none"> ○ Hunter Under Saddle ○ Reining ○ Ranch Riding ○ Other ● Participating in a Horse Evaluation Career Development Event 	<p>3 weeks</p>