

Horse Model

Curriculum Overview

Designed for:

- High school students
- Post-secondary students
- Workforce development students

Length:

This 3-hour curriculum is comprised of three lessons. With supplemental materials, this curriculum can be adapted to a longer block of time.

Goal:

To help participants learn the anatomy and physiology of the horse through a variety of activities and use of the horse model.

Synopsis:

This model and accompanying curriculum provide general anatomy and physiology information about the horse. This program will provide key anatomical terms, and functions of the external parts of a horse. The curriculum also provides information about equine digestive and reproductive systems. The lessons include facilitator instructions, slide presentations, and quizzes. The lessons and activities include objectives, materials required and approximate class time.

Curriculum Components:

- Teacher's guide – Complete lessons, including detailed steps of activities, time and materials needed, student handouts and instructor information to teach the lesson
- Student materials
- Assessment tools
- PowerPoint presentation slides

Learning Objectives:

Lesson 1 – Horse Anatomy

- Correctly name and identify the location of external horse body parts

Lesson 2 – Horse Digestive System

- Name, locate and describe the functions of the parts of a horse digestive system.
- Correctly label the digestion path as it travels through the digestive system.

Lesson 3 – Horse Reproductive Systems

- Correctly identify terms associated with stallion and mare reproduction.
- Name, locate and describe the functions of the parts of stallion and mare reproductive system.
- Identify the primary male and female reproductive structures and their functions.