

AE.HCM. Horse Care & Management

Essential Discipline Goals

- Demonstrate knowledge of the horse industry and its impact on individuals and society
- Develop and apply, through horse management techniques, creative thinking and problem solving skills
- Acquire and apply knowledge of concepts, theories, and laws of science to interpret horse health, anatomy and management
- Utilize class equine experiences to develop an appreciation and understanding for the responsibility and care of horses

Standard

Indicators

- AE.HCM.05** Identify and demonstrate safe handling of horses
 AE.HCM.05.01 Identify horse handling safety techniques 1.3.1
 AE.HCM.05.02 Identify horse tack and equipment safety 1.3.1
 AE.HCM.05.03 Understand stable safety 1.3.1
- AE.HCM.10** Demonstrate an understanding of the FFA
 AE.HCM.10.01 Explain the FFA and the reasons for involvement 1.1.1
- AE.HCM.20** Identify career opportunities in the horse industry
 AE.HCM.15.01 Describe career opportunities in the horse industry 1.7.1
 AE.HCM.15.02 Identify skills necessary for a career in the horse industry 1.7.1
- AE.HCM.20** Develop an understanding of the economic importance of the horse industry
 AE.HCM.20.01 Identify the economic impact of the equine industry to the nation 1.4.6
 AE.HCM.20.02 Identify the economic importance of the equine industry to the state 1.4.6
- AE.HCM.25** Identify breeds and history of horses
 AE.HCM.25.01 Describe breeds of draft and light horses and ponies 1.5.7
 AE.HCM.25.02 Understand the history and development of the modern horse 3.5.3
- AE.HCM.30** Identify the parts of horse anatomy
 AE.HCM.30.01 Describe the external parts of the horse 3.2.1
 AE.HCM.30.02 Describe the skeletal parts of the horse 3.2.1
- AE.HCM.35** Describe and selectively judge horses
 AE.HCM.35.01 Understand colors and markings 1.5.7
 AE.HCM.35.02 Understand conformation and breed characteristics 1.5.7
- AE.HCM.40** Develop a horse health program
 AE.HCM.40.01 Understand how to maintain a healthy horse 3.5.1, 3.2.2
 AE.HCM.40.02 Identify the common illnesses of horses 3.2.2
 AE.HCM.40.03 Develop a horse health plan 3.1.1
- AE.HCM.45** Understand horse nutrition
 AE.HCM.45.01 Identify common feed stuffs 3.1.1
 AE.HCM.45.02 Describe the parts and functions of the horse digestive system 3.1.1
 AE.HCM.45.03 Develop a horse ration, which meets the nutrient requirements of a horse 1.2.7
1.4.2
- AE.HCM.50** Develop an understanding of horse breeding and management programs
 AE.HCM.50.01 Identify the parts of the male and female reproductive tracts 3.2.1
 AE.HCM.50.02 Understand the care of the pregnant mare and foal 3.5.1
 AE.HCM.50.03 Develop a waste management plan 3.1.3, 3.4.5
 AE.HCM.50.04 Describe a pasture management plan 3.1.3 2.4.5
- AE.HCM.55** Demonstrate a horse business management plan
 AE.HCM.55.01 Understand how to keep economic records of a horse business 1.4.1
 AE.HCM.55.02 Understand how to keep health records of a horse business. 1.4.1