

Horse Education Content Standards Stable Relationships

Project Area Skill (PAS) refers to the subject matter which youth demonstrate in relation to the correlating content standard.

Objectives:

Career Readiness-

- 1. Students will identify their career interests and aptitudes to develop an educational plan which supports personal career goals.**

Benchmarks: 5-8: A,B; 9-12: A,B,E

Project Area Skill: The youth will engage in various activities to explore their personal interests in the horse industry. They will identify a simple budget and the various tools and skills needed to start up a horse business.

- 2. Students will utilize and manage resources effectively to produce quality services and products.**

Benchmarks: 5-8: B; 9-12: A,C

Project Area Skill: The youth will utilize time management skills to complete the allotted activities within three years to gain a certificate. They will gain management skills by compiling a budget for their own equine business and determine the annual coat of raising one horse.

- 3. Students will demonstrate the technological knowledge and skills required for future careers.**

Benchmarks: 5-8: A,B

Project Area Skill: The youth have the option of exploring their interests in the horse industry by visiting the internet site created for the workbook. They will also use tools such as syringes, diagrams and various types of bedding materials such as straw and wood shaving; that will encourage interest and give the youth valuable skills for careers in the horse industry.

4. Students will develop and demonstrate responsible and ethical workplace behaviors.

Benchmarks: 5-8: A,B; 9-12: A,B

Project Area Skill: The youth will demonstrate positive behaviors as they work with others to accomplish and address activities in the workbook. They will learn the importance of responsible behavior when working with horses. They will also demonstrate responsible behaviors as they lead a group of youth through a learning activity.

5. Students will develop effective leadership, interpersonal, and team skills.

Benchmarks: 5-8: C,D; 9-12: C,D

Project Area Skill: The youth will utilize leadership skills by directing an activity for children explaining the effects of parasites on a horse. They will also engage in comprehensive conversations about the activities with their peers and horse project helpers.

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Objectives:

Language Arts:

- 1. Reading and Listening for Comprehension: students will apply strategies and skills to comprehend information that is read, heard, and viewed.**

Benchmarks: 5-8: A,B,D; 9-12: A,B,C

Project Area Skill: The youth will utilize a variety of reading strategies to understand the material and answer comprehensive questions listed at the end of each activity. They will use new vocabulary to answer a variety of the questions and expand their knowledge by listening to their project helper and peers when discussing certain issues as they pertain to the activities dealing with horse care and management.

- 2. Writing and Speaking for Expression: students will communicate effectively through speaking and writing.**

Benchmarks: 5-8: C; 9-12: C

Project Area Skill: The youth will use persuasive writing to communicate their understanding by answering comprehensive questions at the end of the activity. They will read and use new vocabulary that is presented in the text to answer questions and engage in discussion about certain topics related to the horse industry.

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Objectives:

Math-

- 1. Number and Operations: students will understand numerical concepts and mathematical operations.**

Benchmarks: 5-8: C

Project Area Skill: The youth will engage in a variety of activities that will require them to add and/or divide whole numbers. They will create an annual budget needed to take care of a horse. They will also compare the cost of different types of fencing, and tally the amount of money they would need if they started their own equine business.

- 2. Data Analysis and Probability: students will understand how to formulate questions, analyze data, and determine probabilities.**

Benchmarks: 5-8: A,C

Project Area Skill: The youth will make observations and collect data in pre-made charts. They will determine the pro's and con's of breeding a horse, compare different types of fences and record the amount of decay that goes on for different types of horse bedding. The youth will then draw conclusions from the data and answer comprehensive questions listed at the end of each activity.

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Objectives:

Science-

Strand I: Scientific Thinking and Practice: Standard I

5-8 Benchmarks: I, III

9-12 Benchmarks: I

Project Area Skill: The youth will read data on various issues related to the horse industry. They will then go about the scientific process by performing the activity such as laying out various types of horse bedding and allowing it to rot for a few weeks, and record and explain the data. The youth will gain an understanding of the scientific method as it applies in a real world setting.

Strand II: Content of Science

Standard II: Life Science: Understand the properties, structures, and processes of living things and the interdependence of living things and their environments.

5-8 Benchmark II

Project Area Skill: The youth will look at dominant and recessive genes as they apply to a specific horse disease and other traits such as hair color. They will construct a variety of punnet squares to determine what combination of genes will generate the disease in a foal.