

Horse Education Content Standards Level 2: Head, Heart and Hooves

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

Objective:

Career Readiness-

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

Benchmarks: K-4: A; 5-8: A,D; 9-12: A,B,E

Project Area Skill: The youth will look into many careers of the horse industry. They will participate in activities such as judging, horse husbandry and nutrition that will encourage the youth to explore future career interests.

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

Benchmarks: K-4: A, B; 5-8: A; 9-12: A,B

Project Area Skill: The youth will utilize time management skills and manage resources appropriately to complete assignments within a given time frame. Upon completion of the activities the youth will have successfully produced a quality assessment of their horse knowledge which can be used to help the youth explore their career interests.

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

Benchmarks: K-4: A,B,C,D; 5-8: A,B; 9-12: D

Project Area Skill: The youth will use the internet to do research for many of the projects in this workbook. They will understand the importance of gaining further knowledge into their field of interest and help them to discover what knowledge is needed on certain career paths. They will also use instruments that are commonly used in the horse industry to solve various problems.

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

Benchmarks: K-4: B,C; 5-8: A,B; 9-12: B,C

Project Area Skill: The youth will demonstrate goal direction while completing tasks alone and in a group. They are on a deadline to complete seven projects within one year and twenty one “spur you on” activities within three years to gain completion of the level. To accomplish this they must utilize appropriate time management and commitment to the activities.

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

Benchmarks: K-4: B,C; 5-8: C; 9-12: A

Project Area Skill: The youth will develop effective work skills while staying on task to complete activities. They will utilize interpersonal skills to discuss topics relating to the horse industry.

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Objective:

Language Arts:

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

Benchmarks: K-4: A,B,C,D; 5-8: A,B,C,D; 9-12: A,B,C,D

Project Area Skill: The youth will use their comprehension of the text to complete activities and answer open ended questions. They will have to utilize other areas of media besides their workbook, such as the internet, magazines and the dictionary. They will also gain further understanding of the information learned through the activity by discussing what they learned with a project helper.

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

Benchmarks: K-4: A; 5-8: A,C; 9-12: A,C

Project Area Skill: The youth will convey their learning through speech and writing. They will learn and utilize new vocabulary used in the horse industry to solve problems and answer comprehensive questions related to the activity.

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Objective:

Math-

- 1. Measurement: Students will understand measurement systems and applications.**

Benchmarks: K-4: A,B; 5-8: A

Project Area Skill: The youth will use measurement tools such as girth tape to measure a horse's weight. They will understand the applications of such tools in the horse industry. They will also look at nutrient percentages in feed and correlate a horse's work load to the specific nutrition needs for a horse.

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

Benchmarks: K-4: A,B,C,D; 5-8: A,B

Project Area Skill: The youth will record data from literature and observations into pre-created graphs. They will then interperate the information and use it to answer comprehensive questions listed at the end of the activity.

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Science-

Strand I: Scientific Thinking and Practice

Standard I: Understand the processes of scientific investigations and use inquiry and scientific ways of observing, experimenting, predicting, and validating to think critically.

K-4 Benchmarks: I,II

5-8 Benchmarks: II

Project Area Skills: The youth will utilize scientific investigation to go about activities such as observing horse body composition and quality of hay. They question, write observations, research information and defend their answers to questions using the recorded observations. By participating in such activities the youth will understand the importance of the scientific method in a real-life setting.