

HIPPOLOGY

Contact: Brittany Hamilton (bhamilt6@uwyo.edu)

OBJECTIVE

Provide an opportunity for youth to demonstrate their knowledge and understanding of equine science and management.

ELIGIBILITY

- All Wyoming 4-H members are eligible to compete in the appropriate age division. Eligibility will be confirmed using 4-H Online. Juniors~8-13 years old and Seniors 14-18 years old
- This is a team contest only. Teams may consist of two (2) to four (4) members with youth from the same age group. Counties may enter as many teams as they would like. All team members must be in the same age division and from the same county.

Team Division (Jr. & Senior)

Evaluation Phase
Station Phase
Team Problem
Examination Phase (Sr. ONLY)

***Each division will be scored separately.**

MATERIALS

- National 4-H Curriculum found online at <http://www.4-h.org/resource-library/curriculum/4-h-horse/> or through your local 4-H/Extension office.
- OHIO Learning Lab HORSE Kit – check with your local 4-H/Extension Office.
- WY State Livestock Board online at <http://wlsb.state.wy.us>
- USDA Animal and Plant Health (APHIS) at <http://www.aphis.usda.gov/wps/portal/aphis/home/>
- Equine Science third edition by Rick Parker.

CONTEST

The contest will consist of the following phases. They may or may not happen in the order listed. Talking amongst team members is encouraged for all phases.

EVALUATION PHASE (ALL)

Youth will evaluate one “live” class of Halter Horses, 50 points possible, and answer a set of questions on this class, 50 points possible. This class will be separate from the Horse Judging contest and will be ran first thing. (100 points possible)

STATION PHASE (ALL)

This phase will consist of a series of tables where all contestants will respond to the requirements of the station. At each station a picture or object may be present. Contestants may be asked to describe or demonstrate the use of an item. There will not be a time limit.

Juniors	7 stations	70 possible points	(chosen from Junior list below)
Seniors	10 stations	100 possible points	(chosen from all listed below)

Hippology

Examples of stations are:

Juniors

- Types & parts of saddles
- Bridles
- Horse colors, description & markings
- Horse breeds
- Horse events
- Farrier tools & the hoof
- Horse skeleton, internal & external parts
- Horse equipment
- Gaits & defects

***Stations are set for a period of 3 years for consistency and will be re-evaluated and edited in 2024. Please bring any concerns or suggestions you have to the contest contact/coordinator.*

Seniors

- Types & parts of saddles
- Bridles
- Horse colors, description & markings
- Horse breeds
- Horse events
- Farrier tools & the hoof
- Horse skeleton, internal & external parts
- Horse equipment
- Gaits & defects
- Bits
- Defects, blemishes & general unsoundness
- Health, nutrition & feed samples
- Safety & use of knots and hitches
- Parasites
- Breeding
- Teeth
- Evolution

EXAMINATION PHASE (Seniors Teams)

This phase of the contest will have written questions with multiple choice and true/false answers as well as questions answered from viewing projected slides. The slides will be based on anatomy and may include external, skeletal, internal organs, parts of gastrointestinal tract, male and female reproductive organs, detailed anatomy of the foot, and detailed anatomy of the lower limbs. (100 points possible)

Hippology

TEAM PROBLEM

A hypothetical problem will be presented to each team. Juniors will be given a scenario prior to the contest. Seniors will be given the problem at the contest.

As a team, contestants will have up to 10 minutes to discuss the problem. Immediately following that discussion, all members on the team will have up to 5 minutes to present the solution. All team members must participate in the discussion and presentation. Responses should include not only "how" but "why", with special attention given to the rationale leading to the response.

Evaluation will be based on the understanding of the problem, completeness of the response, the probability of success of the solution or procedures and the logic used in making the oral response. The official may ask questions of any or all team members to clarify the presentation.

(100 points possible)

Examples of possible team problems might include:

Juniors (8-13)

1. Establishment of a new stable
2. Information on horses
 - a. How to look
 - b. Where to look
 - c. How to use
 - d. Suppliers of information (specialty)
 - e. Duplicating or repeating information
3. Behavior problems
4. Horse farm management
5. Training and conditioning programs
6. Health care

Seniors (14-18)

1. Balancing a horse's ration
2. Breeding and/or leasing contracts, specific clauses for insurance, liability, payments, care termination, transport, etc.
3. Teaching lessons in horse management.