

Hippology 101

Winter Workshop

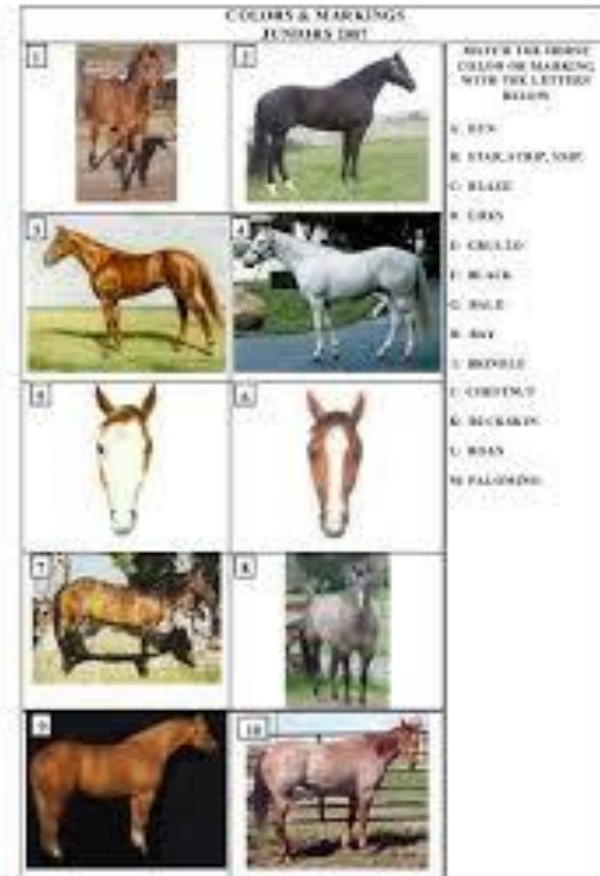


Presenter: Shari Ackerman- Morris
Wheaton College, Norton, MA

Outline

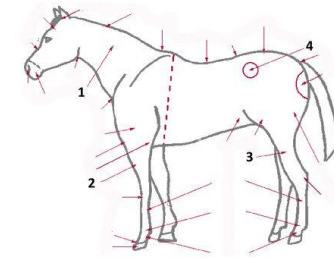


- Define Hippology
- 4-H Hippology consists of 4 tests:
 - Exam
 - Slides
 - Stations
 - Judging
- Nationals: Team problem
- Questions?



What number identifies the gaskin?

- A. 1
- B. 2
- C. 3
- D. 4



What is Hippology?

The study of horses.

The term "**Hippology**" comes from the Greek "hippo", meaning horse, and "ology", meaning "the study of"



Exam

- Written exam:
 - Multiple choice
 - Matching
- Juniors: 50 questions
- Seniors: 100 questions
- The questions come from the following resources:

Matter Multiple Choice Test

1. Matter is anything that has:
 - a. volume
 - mass
 - density
 - both (b) and (c)
2. Matter is made of particles that are made of atoms. What are these particles?
 - atoms
 - molecules
 - elements
 - isotopes
3. Which of these is not matter?
 - air
 - iron bar
 - oxygen
 - the sun
4. Which of the following is not a chemical property?
 - iron reacts with oxygen
 - aluminum reacts with hydrochloric acid
 - flammability
 - iron reacts with acid
5. Which of the following is a physical property?
 - flammability
 - density
 - color
 - mass
6. Which of the following does not describe a chemical change?
 - changing an object's size
 - cutting up a piece of wood
 - digesting food
 - mixing oil and vinegar
7. The crystalline form of a compound is called. This is an example of:
 - chemical change
 - physical change
 - density
 - mass
8. Which of the following is not a physical property of matter?
 - density, also known as mass/volume
 - color
 - the conductivity
 - the ability to melt
9. Which physical change is the most reversible?
 - ice
 - melting
 - iron
 - burning

Resources:

https://ag.umass.edu/sites/ag.umass.edu/files/pdf-doc-ppt/updated_sources_1.pdf

Juniors & Seniors:

- 4-H Horse Program Series - Horses and Horsemanship and Horse Science Books by Ray J. Antoniewicz
- Illustrated Dictionary of Equine Terms by Newhorse
- EQUINE SCIENCE: BASIC KNOWLEDGE FOR HORSE PEOPLE OF ALL AGES by Jean T. Griffiths,
- AYHC 1st - Horse Industry Handbook (HIH) - by the American Youth Horse Council
- Horse Smarts: An Equine Reference and Activity Guide by the American Youth Horse Council

<https://www.ayhc.com/publications>

Seniors:

- The Coloring Atlas of Horse Anatomy by Dr. Robert Kainer and Dr. Thomas McCracken Alpine
- Feeding and Care of the Horse(2nd edition) by Lon D. Lewis, Williams and Wilkins
- Parker Equine Science – Rick Parker. Fourth edition. Pending!

Exam questions:

1. How many legs does a horse have?

A. 1

B. 2

C. 3

D. 4

Exam questions:

2. A baby horse of either sex is called a

- A. Filly
- B. Colt
- C. Youngster
- D. Foal

Exam questions:

3. Which parasite is a fly as an adult?

- A. Ascarid
- B. Bot
- C. Strongyle
- D. Pinworm

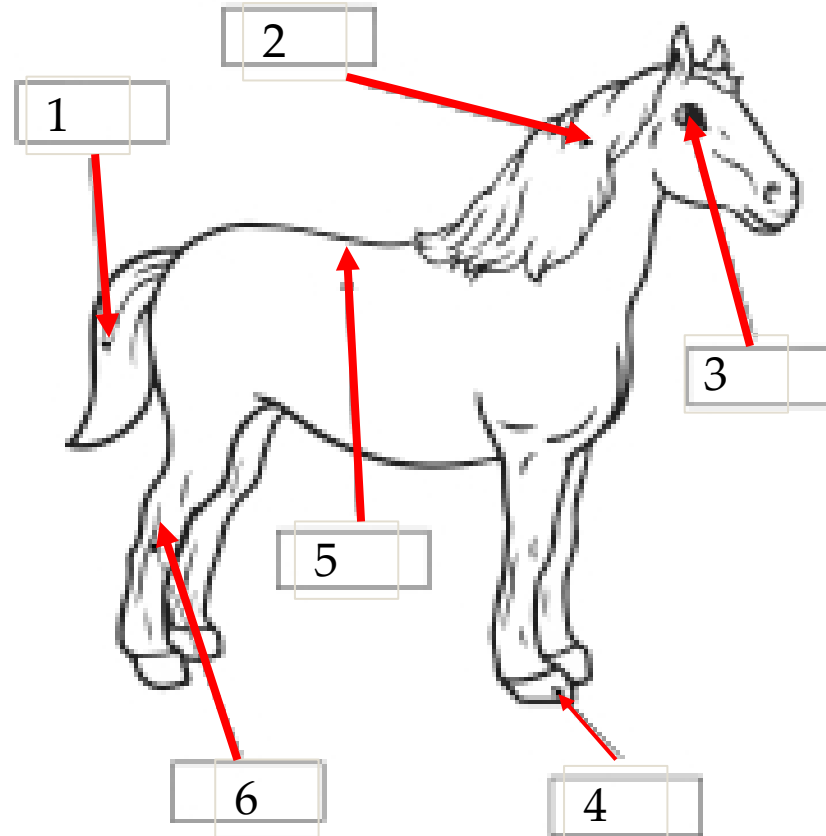
Exam questions:

Parts Of A Horse

Matching!

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

- A. Hind leg
- B. Tail
- C. Mane
- D. Eye
- E. Hoof
- F. Back



Slides

- Consist of pictures and questions
- All questions are multiple choice
- Pick the best answer
- Juniors: 25 slides
- Seniors: 50 slides

Which breed is this?

- A. Arabian
- B. Quarter horse
- C. Thoroughbred
- D. Bay



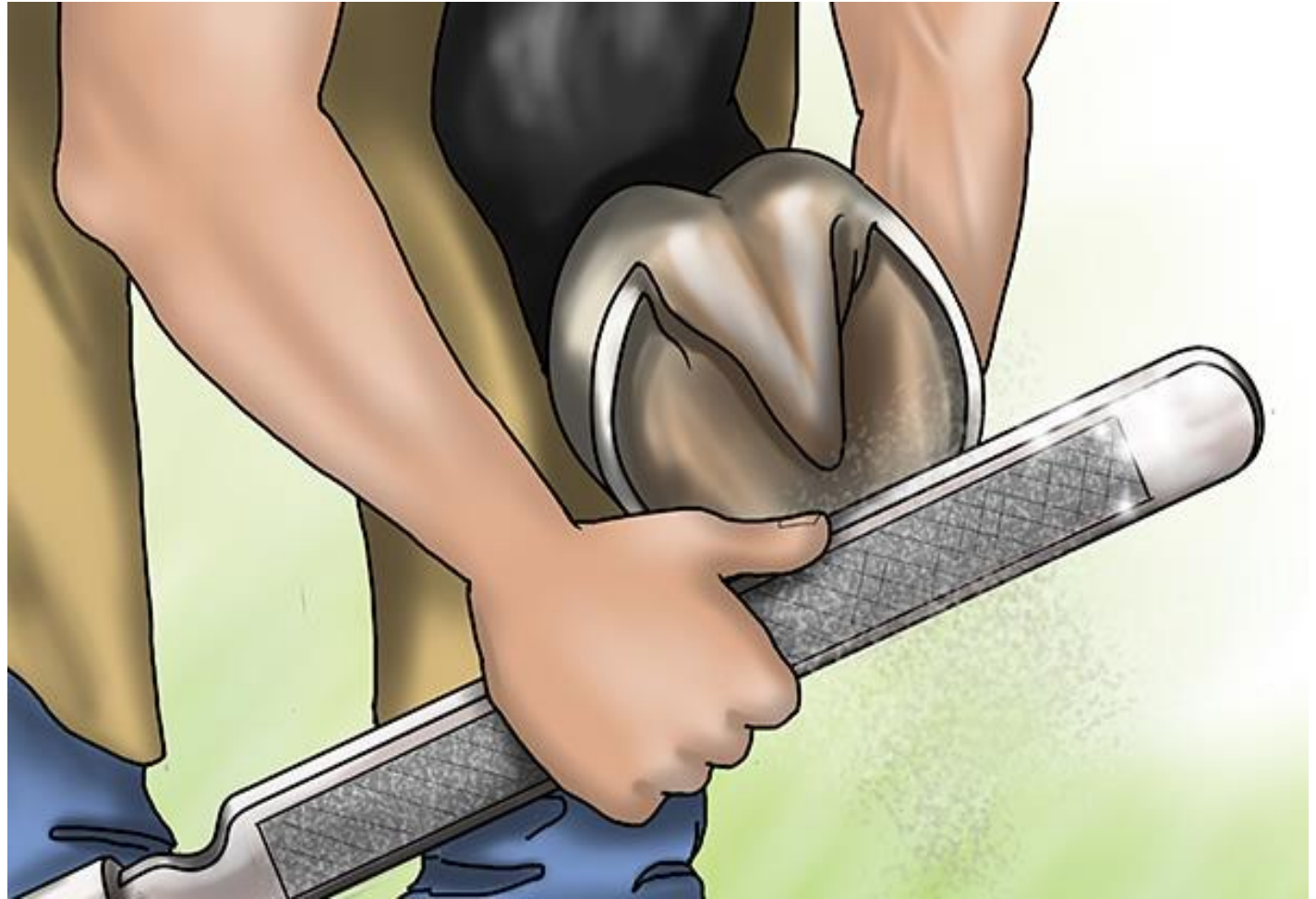
What event is this?

- A. Endurance Racing
- B. Steeplechase
- C. Harness Racing
- D. Flat racing



What tool is being used here?

- A. Clinchers
- B. Hoof Pick
- C. Hoof Knife
- D. Rasp



A seven and one-half minute period in a polo game is called a?

- A. Halftime
- B. Inning
- C. Timeout
- D. Chukker



Stations:

- Each station usually has one theme
- Each station is 10 pictures or objects, numbered 1-10
- Each station has 12 answers, lettered A to L (two are not used)
- Match pictures or objects with a list of answers.
- Each station is 2 minutes!
- Juniors: 5 stations
- Seniors: 10 Stations



Go to stations

Horse Judging:

- There will be four horses in each class.
Each will be numbered 1 to 4.
- As you judge the horses you will determine your placings from first to fourth.
- Halter class is judged on conformation
 - Conformation: how well the horse is put together to do its job.
- Performance classes
 - Know your rules!
 - Equitation is judged on the rider
 - Pleasure is judged on the horse

Judging card

- Write your contestant number on the card.
- Write the class name on your card.
- Take note on the class as you watch it.
- Determine your placings then circle the correct order on the card.
 - Example: 3142
- Each class that you judge is worth 50 points

(White)	1 2 3 4	
	1 2 4 3	
CONTESTANT _____	1 3 2 4	
	1 3 4 2	
	1 4 2 3	
	1 4 3 2	
	2 1 3 4	
	2 1 4 3	
KANSAS	2 3 1 4	
4-H JUDGING CARD	2 3 4 1	
	2 4 1 3	
	2 4 3 1	
	3 1 2 4	
	3 1 4 2	
CLASS _____	3 2 1 4	
	3 2 4 1	
	3 4 1 2	
	3 4 2 1	
	4 1 2 3	
	4 1 3 2	
	4 2 1 3	
REASON SCORE _____	4 2 3 1	
	4 3 1 2	
	4 3 2 1	

Judging card

- Write your contestant number on the card.
- Write the class name on your card.
- Take note on the class as you watch it.
- Determine your placings then circle the correct order on the card.
 - Example: 3142
- Each class that you judge is worth 50 points

(White)	1 2 3 4	
	1 2 4 3	
CONTESTANT _____	1 3 2 4	
	1 3 4 2	
	1 4 2 3	
	1 4 3 2	
	2 1 3 4	
	2 1 4 3	
KANSAS	2 3 1 4	
4-H JUDGING CARD	2 3 4 1	
	2 4 1 3	
	2 4 3 1	
	3 1 2 4	
	3 1 4 2	
CLASS _____	3 2 1 4	
	3 2 4 1	
	3 4 1 2	
	3 4 2 1	
	4 1 2 3	
	4 1 3 2	
	4 2 1 3	
REASON SCORE _____	4 2 3 1	
	4 3 1 2	
	4 3 2 1	

Quarter Horses

Halter or
In-Hand class



Arabian Mares

<https://arabianhorseworld.com/you-be-the-judge/>





Go to judging video for
a performance class

Outline

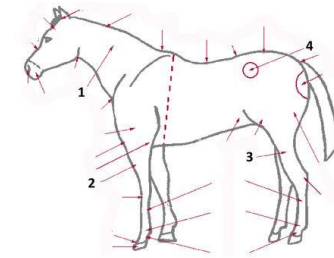


- Define Hippology
- 4-H Hippology consists of 4 tests:
 - Exam
 - Slides
 - Stations
 - Judging
- Nationals: Team problem
- Questions?



What number identifies the gaskin?

- A. 1
- B. 2
- C. 3
- D. 4



IOWA STATE UNIVERSITY
Extension and Outreach



National Team

- Eastern & Western Nationals
- Seniors team consists of four members
 - Team Problem
- Example: You own and operate a small breeding operation. You currently have 20 client mares – some with foals on their sides and some who have yet to foal. You also have a small number of yearlings that you are readying for an upcoming sale. Your neighbor, who shares a fence line with your farm, calls to tell you that he has had a serious outbreak of strangles in his horses. Part 1: Describe the disease. Part 2: Due to the proximity of his farm, what should you do from both a preventative (if any) and a proactive standpoint?

Do you have any questions?



Presenter: Shari Ackerman- Morris
Wheaton College, Norton, MA