

Oceana County
4-H
Horse and Pony Project Notebook
Level 3 - 2016

PICTURE OF HORSE AND RIDER

Rider's Name: _____

Horse's Name: _____

Birth Date: _____ 4-H Age: _____ Years in Project: _____

Name of Club: _____ Years in Club: _____

Judge's Scoring & Comment Sheet

(PLEASE DO NOT REMOVE OR PLACE THIS SHEET IN SHEET PROTECTOR. This sheet must be keep free to the judge to write their comments.)

This sheet should help each 4-H'er understand their ribbon placing.

A. Specific educational value or worth

- All questions were answered completely
- All calculations were correct
- Calculations were incorrect
- Questions were not completely answered
- Questions were not answered (missed questions)

B. Creative way of showing what has been learned

- Notebook pages were out of order
- Notebook pages were missing

C. Notebook contains all project records

- Notebook contained all project records and were fully completed.
- Notebook contained additional project related information (research material, etc.).
- Project records were incomplete
- There was no additional project related information

D. Accuracy, neatness and general appearance

- Notebook was neat in appearance (typed/hand printed)
- Notebook pages were clean and stain free
- Notebook was difficult to read and messy
- Notebook had wrinkled and stained pages

Other Comments: _____

Horse Project Objectives and Record Keeping

1. Develop desirable work habits, sportsmanship, and the ability to cooperate and express ideas through participation in projects, discussions, method demonstrations, judging teams, and exhibits.
2. Develop responsibility, leadership, citizenship, and decision-making skills
3. Learn to know and select a good saddle horse
4. Learn to care for horses properly
5. Develop knowledge of safety precautions to prevent injury to yourself, others, and your mount
6. Learn to ride
7. Learn to train and handle horses
8. Gain knowledge of major breeds, colors, gaits, and safety
9. Experience the pride of working with a horse or pony and being responsible for its management
10. Develop an appreciation of horseback riding as a healthy and wholesome form of recreation
11. Learn skills in horsemanship and gain an understanding of the business of breeding, raising, and training horses
12. Acquire information on the opportunities available for careers working with horses.
13. Learn the importance of the horse industry to the local, state, and national economies.

This record book is part of your Level 3 Horse Project. By keeping records up-to-date you will be able to see how much progress you make as you set goals and work to accomplish them. Write or type neatly and clearly. Please keep the pages in order. Feel free to add extra pages at the end of your notebook. Pictures are a required part of your notebook. Taking pictures of your project animal throughout the project will indicate how your animal has grown and developed. Add pictures to your notebook on a separate piece of paper.

Rider & Horse Information

What is the breed & gender of your horse/pony?

What color is your horse/pony? Does it have any distinctive markings or scars?

What is the age of your horse/pony? _____

What is the height of your horse/pony in hands? _____

What is the weight of your horse/pony? (refer to diagram below, show all work)

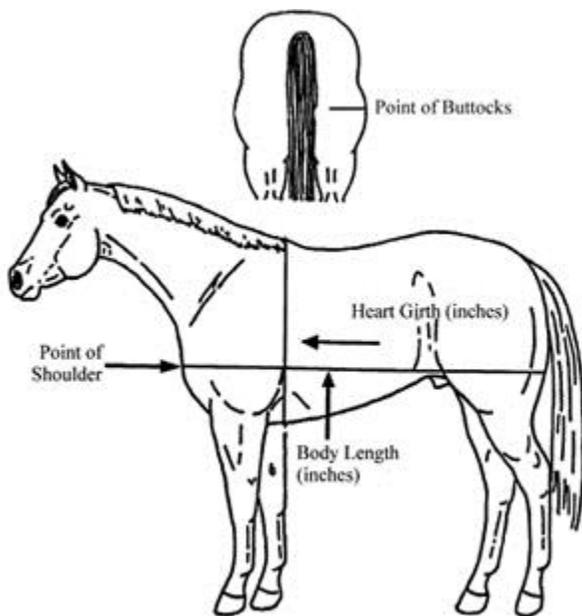
The weight equation is as follows:

$$(HG^2 \times BL) \div 330 = W$$

HG= Horse's Heart Girth in Inches

BL= Horse's Body Length in Inches from point of shoulder to point of buttocks

W= Horse's Weight in Pounds



$(\quad^2 \times \quad) \div 330 = \quad \text{lbs.}$

Define what the heart girth is. Then describe how you measure for it.

How long have you leased or owned your horse/pony? _____

Where is your horse/pony kept? Is it boarded or at your home? _____

What are your responsibilities in caring for your horse/pony? (i.e: cleaning stalls, feed/water, turning them out, cleaning barns)

Is your horse/pony registered? If so, what are some significant blood lines it carries?

If your horse/pony is not registered, what are some significant traits of the breed (i.e: what are Quarter Horses known, what are Arabians known for)?

Tell us the background story of you and your horse/pony. How did you meet? Where did you get it from? What was it like when you first started working with your horse, was it easy or difficult? Let us know how your journey together started!

Equipment List

Name three (3) tools you use to groom your horse/pony and explain the function of each tool.

1. _____
2. _____
3. _____

Next, please explain the types of saddles you use with your horse/pony. What saddles do you use (i.e: All Purpose, Dressage, Saddle Seat, Western, Roping, etc.)? What are their widths? What kind of 'trees' do they have? Why do you use these styles of saddles?

Identify two pieces of equipment you use with you horse/pony that need to be cleaned on a regular basis. Explain how you clean them and what you use.

1. _____
2. _____

Bits help control a horse by putting pressure on one or more particular parts of its head or mouth. Different bits and bridle parts apply pressure to specific places. In general, there are seven pressure control points, and specific parts of the bridle that affect them.

Assign a Part of the Bridle to the Pressure Control Point

PART OF BRIDLE	PRESSURE CONTROL POINT	Letter of Corresponding Bridle Part
A) Curb Chain	Bridge of the Nose	
B) All Mouthpieces	Chin Groove	
C) Chain, three-piece snaffles	Corners of the Mouth	
D) Hackamore	Bars of the Mouth	
E) All Bits with Mouthpieces	Roof of the mouth	
F) High Ports	Tongue	
G) Bits with Shanks and draw gags	Pol	

Feed

Do you give your horse/pony any feed supplements (such as pelleted grain, mash or oats)?

If so, what kind of feed(s) do you use and how much? What are the major nutrients of the feed and the percentages from the analysis label? Include the feed label (or a copy) in the back of your notebook.

Type of Feed and Quantity:	Type of Feed and Quantity:
Nutrient 1 and Percentage:	Nutrient 1 and Percentage:
Nutrient 2 and Percentage:	Nutrient 2 and Percentage:
Nutrient 3 and Percentage:	Nutrient 3 and Percentage:

What kind of hay do you feed your horse/pony? What cutting? (i.e: Orchardgrass, Alfalfa, Timothy, etc.)

Briefly discuss some of the problems which may be involved with the grazing of:

1) Sorghum type plant

2) Fescue

3) Clover

Calculate the quantity of hay your horse/pony consumes. For small bales you must find out how much an average bale weighs. Then guess at what portion of a bale the horse/pony eats, like 1/4 or 1/2 a bale per day. Example, if it eats 1/4 bale per day you would multiply .25 times your bale weight and you'd have your lbs. per day. Then use those figures in this formula:

$$\frac{\text{Lbs. / day}}{\text{Lbs. / day}} \times \frac{7}{\text{days / week}} = \frac{\text{Lbs. / week}}{\text{Lbs. / week}} \div \frac{\text{Weight of Bale}}{\text{Weight of Bale}} = \frac{\text{Bales/ week}}{\text{Bales/ week}}$$

$$\frac{\text{Lbs. / week}}{\text{Lbs. / week}} \times \frac{4}{\text{weeks/ month}} = \frac{\text{Lbs. / month}}{\text{Lbs. / month}} \div \frac{\text{Weight of Bale}}{\text{Weight of Bale}} = \frac{\text{Bales/ month}}{\text{Bales/ month}}$$

$$\frac{\text{Lbs. / month}}{\text{Lbs. / month}} \times \frac{12}{\text{months/year}} = \frac{\text{Lbs. /year}}{\text{Lbs. /year}} \div \frac{\text{Weight of Bale}}{\text{Weight of Bale}} = \frac{\text{Bales/ year}}{\text{Bales/ year}}$$

How much does your hay cost? \$_____ per bale

Please list 4 types of hay.

1. _____
2. _____
3. _____
4. _____

Please list 4 types of Grain Concentrates or Protein Supplements

1. _____
2. _____
3. _____
4. _____

Vet Care & Health

Vaccine or Procedure	Date
Tetanus	
Flu	
Rhino	
West Nile	
Potomac Fever	
Rabies	
Strangles	

Name your veterinarian. _____

When was your animal's Coggins Test taken? Why is this test needed?

Has your horse/pony been treated for any injuries or illnesses this past 4-H season? If so, please explain what they were and how they were treated.

What is your deworming rotation for your animal (i.e: what kind of dewormer, when do you administer it)?

Name your equine dentist. _____

Has your horse/pony had any dental work done this past year? If so, what kind of work did they receive?

Name your farrier. _____

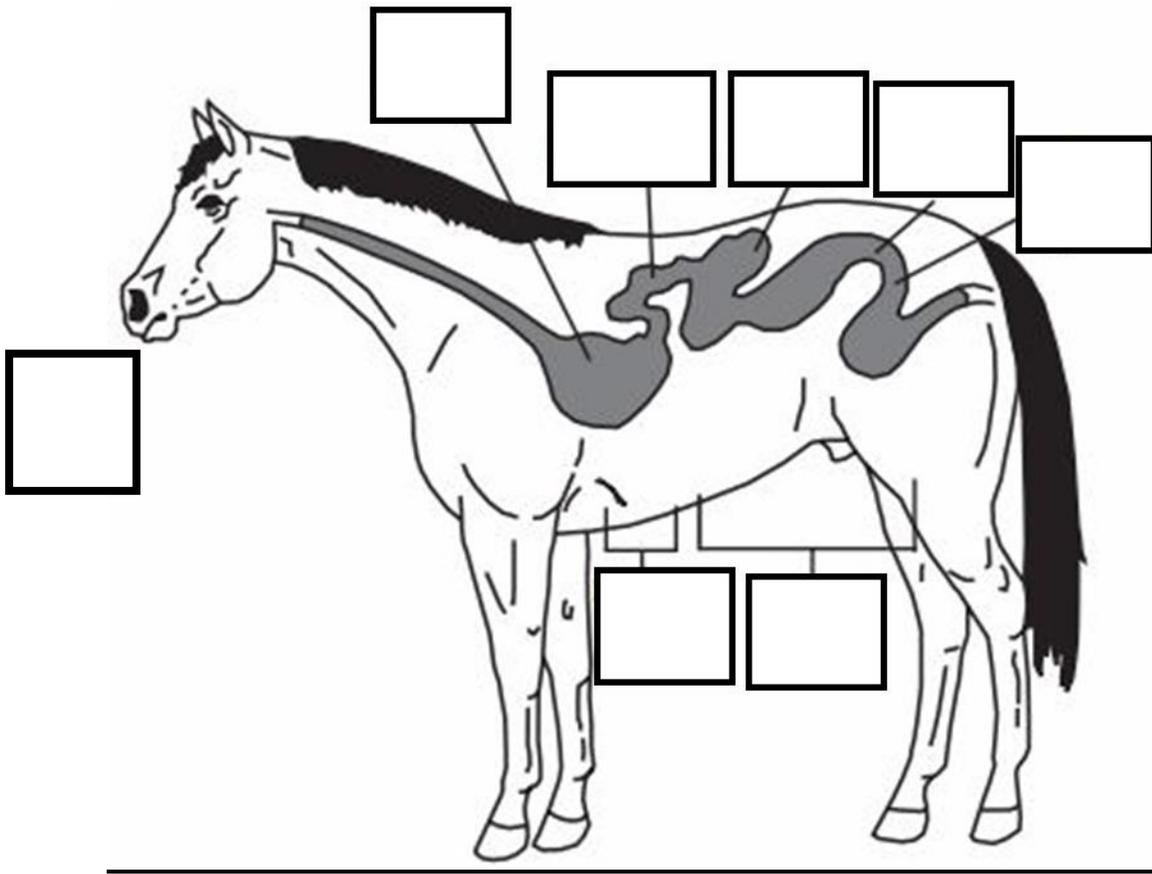
Does your horse/pony need shoes? If so, what type?

Riding & Training Record

Month	Number of Days Riding/Training	Total Hours	Description of Activity
<i>Example</i>	<i>8</i>	<i>18</i>	<i>Trail ride, practice over fences</i>
September 2015			
October 2015			
November 2015			
December 2015			
January 2016			
February 2016			
March 2016			
April 2016			
May 2016			
June 2016			
July 2016			
August 2016			

Total Number of Days Spent Riding/Training	
Total Number of Hours Spent Riding/Training	

Horse Digestion



LABEL the parts of the digestive system and **EXPLAIN** the function of each part.

A. Cecum _____

B. Large Colon _____

C. Mouth _____

D. Small Colon _____

E. Small Intestine _____

F. Stomach _____

LABEL the: **G. Fore-Gut** and **H. Hind-Gut**

Water Consumption

Please fill in the estimated water requirements based on a 1,102 pound horse on a 68° day.

Many factors influence how much water a horse needs. Please use this as a guide.

Make sure you provide adequate water for the horse without allowing it to overconsume after exercise.

<https://www.ag.ndsu.edu/pubs/ansci/livestoc/as1763.pdf>

A **non-working/idle** horse requires _____ gallons of water daily.

A horse in **gestation (pregnant)** requires _____ gallons of water daily.

A horse in **peak lactation** requires _____ gallons of water daily.

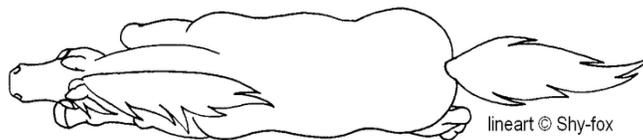
A **moderately working** horse requires _____ gallons of water daily

List a field test to determine if a horse is dehydrated_____

Field of Vision

Diagram a horse's field of vision.

Include Binocular vision, monocular vision and blind spots.



Horseback Riding Aids

List a rider's 4 natural aids:

List 4 artificial aids:

1. _____
2. _____
3. _____
4. _____

1. _____
2. _____
3. _____
4. _____

Horse Condition Scoring System

The body condition or degree of fat cover of horses is a good indicator of their general health. The process for evaluating body condition is quite simple. The evaluator needs to make both a visual appraisal and a manual appraisal of the fat cover over the Point of Buttock, Tailhead, Point of Hip, Back, Withers, Crest of Neck, Behind Shoulder, and Over Ribs. It is also useful to observe the horse in motion, especially when evaluating the fat cover over the ribs.

The following table may be used to estimate your horse's fitness.

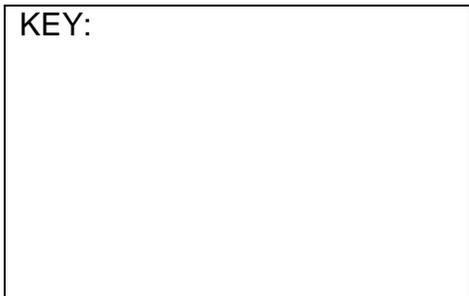
SCORE	CONDITION DESCRIPTION
1- Poor	Animal extremely emaciated. Spinous processes, ribs, tailhead, and point of hip and point of buttocks project prominently; bone structure of withers, shoulders, and neck easily noticeable; no fatty tissue can be felt.
2- Very Thin	Animal emaciated. Slight fat covering over the base of spinous processes; transverse processes of the lumbar vertebrae feel rounded; spinous processes, ribs, tailhead, and point of hip and point of buttocks prominent; withers, shoulders, and neck structures faintly discernible.
3- Thin	Fat built up about halfway on the spinous processes; transverse processes cannot be felt; slight fat cover over ribs; spinous processes and ribs easily discernible; tailhead prominent, but individual vertebrae cannot be identified visually; point of buttocks appear rounded but easily discernible; point of hip not distinguishable; withers, shoulders, and neck accentuated.
4- Moderately Thin	Slight ridge along back; faint outline of ribs discernible; tailhead prominence depends on conformation, but fat can be felt around it; point of hip not discernible; withers, shoulders, and neck not obviously thin.
5- Moderate	Back is flat (no crease or ridge); ribs not visually distinguishable but easily felt; fat around tailhead beginning to feel spongy; withers appear rounded over spinous processes; shoulders and neck blend smoothly into body.
6- Moderate to Fleishy	May be slight crease down back; fat over ribs spongy; fat around tailhead soft; fat beginning to be deposited along the side of withers, behind shoulders, and along the sides of neck.
7- Fleishy	May have crease down back; individual ribs can be felt, but there is noticeable fat between ribs; fat around tailhead soft; fat deposited along withers, behind shoulders, and along neck.
8- Fat	Crease down back; difficult to feel ribs; fat around tailhead very soft; area along withers filled with fat; area behind shoulder filled with fat; noticeable thickening of neck; fat deposited along inner thighs.
9- Extremely Fat	Obvious crease down back; patchy fat appearing over ribs; bulging fat around tailhead, along withers, behind shoulders, and along neck; fat along inner thighs may cause them to rub together; flank filled with fat.

Assign your horse a Condition Score and provide rational.

Patterns

Create your own REINING pattern that could be performed at a show. You must include the arena dimensions needed. Please have a key that identifies all instructions (should include a written list.) Also label a start, finish and position of the judge.

KEY:



Events you Attended to Enhance your 4-H Experience

In the space provided, please tell us of the events/competitions/clinics you attended with your animal. Where were they? What did you do at them? If you were placed, how did you perform?

4-H Story

There are many things to learn in 4-H. Mark each item that you have learned or improved on.

I've learned or improved my ability to...**HEAD (*Independence*)**

- try something new
- set goals for myself
- plan a project
- keep myself organized
- keep track of finances
- keep records of my work
- gain knowledge of my project
- use resources wisely
- run a meeting
- solve a problem

HEART (*Belonging*)

- give a public presentation
- share my feelings or point of view
- being a part of a committee
- listen to others
- respect another's opinion
- make new friends
- stand up for others
- appreciate others

HANDS (*Generosity*)

- work with others
- work in a group setting
- work with adults
- help others succeed
- lead others
- perform community service
- get past differences to reach a goal
- make something with my hands
- using my efforts to make a difference
- taking initiative to start something on my own

HEALTH (*Mastery*)

- understand my strengths and weaknesses
- finish something I started
- accept change
- take responsibility for myself
- stay healthy
- deal with winning and losing
- be careful and practice safety
- understand the importance of my health

The motto of 4-H is "learn by doing." Each year we learn something new by participating in a 4-H project.

Please write a story that explains:

- Horsemanship accomplishments you achieved this year.**
- Skills you had difficulty with and how you did/could fix them.**
- Goals you are setting for next year.**

Other examples that you may consider writing about include: something that happened that was funny, sad, or exciting; challenges you faced and how you overcame them; who helped you with your project and how they contributed; things you are most proud of. Feel free to relate your 4-H experience to other parts of your life (school, home, family, friends, etc.). Stories should be at least five sentences. Please attach additional pages.