Oceana County
4-H Horse and Pony Project Notebook
Level 4 - 2018

PICTURE OF HORSE AND RIDER

Rider’s Name: ________________________________________________

Horse’s Name: ________________________________________________

4-H Age: ____________  Years in Project: ____________

Name of Club: ___________________________  Years in Club: ____________
Judge’s Scoring & Comment Sheet

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

This sheet should help each junior market member 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. **Notebook contains all project records**
   - ___ Notebook contained all project records and were fully completed
   - ___ Notebook contained additional project related information (research materials etc.)
   - ___ Project records were incomplete
   - ___ There was no additional project related information

C. **Accuracy, neatness and general appearance**
   - ___ Notebook was neat in appearance (typed/hand printed)
   - ___ Notebook pages were clean and stain free
   - ___ Notebook pages were in order and complete
   - ___ Notebook pages were out of order and missing pages
   - ___ 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 4 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

My project is a (circle one): Horse  Pony  Mule

Animal's registered name (if applicable): ____________________________________________

Animal's nickname or stable name: _________________________________________________

What color is your horse/pony? _________________________________________________

What markings do they have? _____________________________________________________

Is it a mare or gelding? _________________________________________________________

How old is it? ___________________ ____________

What breed is your horse/pony? _________________________________________________

List Registry Association(s) if they are registered: _________________________________

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

How long have you owned, leased or borrowed your horse/pony? _________________

How long have you and your horse/pony been in 4-H together? _____________________

Do you keep your horse/pony at home or is it boarded? _____________________________

If your horse/pony is boarded, how do you care for it? Do you have to feed it or clean the stall? How often?
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

If you keep your horse/pony at home, what are your responsibilities? Do you feed and clean stalls?
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

____________________________________________________________________________
____________________________________________________________________________
Project Activities

Number of club meetings held: ___________  Number of meetings you attended: ___________

List any 4-H committees you serve on:
__________________________________________________________________________________________
__________________________________________________________________________________________

Did you hold an officer position in your 4-H club?  □ Yes    □ No

If yes, what position? And what were your duties?
 □ President    □ Vice President    □ Secretary    □ Treasurer    □ Other

__________________________________________________________________________________________

Do you belong to any other 4-H clubs? And if so, what other projects did you complete in 2018?
__________________________________________________________________________________________
__________________________________________________________________________________________

Visit a feed store. Talk to an owner, manager, or sales staff. Ask them about their knowledge of the horse industry. Inquire about the responsibilities their job entails. If they have a business card, include it in the appendix section of your notebook.

Feed Store Name: ____________________________________________ Date: ________________

Location: ____________________ Who did you speak with? ____________________

What was their position at the business? ____________________

How did they become involved in the feed/horse industry?
__________________________________________________________________________________________
__________________________________________________________________________________________

Does this business employ experts in horse nutrition? If so, what is that person’s educational background? (College, apprenticeship, industry workshops, etc.)
__________________________________________________________________________________________
# Feeding Summary

<table>
<thead>
<tr>
<th>Horse Name</th>
<th>Age</th>
<th>Weight**</th>
<th>Status (circle one)</th>
<th>Work Load (circle one)</th>
<th>Production Level (circle one)</th>
<th>Amount Fed per Day</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Easy Keeper (gains weight easily)</td>
<td>Maintenance (0-1 hours/day)</td>
<td>Growing</td>
<td>Grain ___________________ lbs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Average Keeper (weight fluctuates)</td>
<td>Light (1-2 hours/day)</td>
<td>Performance</td>
<td>Forage ______________ lbs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Hard Keeper (horse needs more than forage to continually keep weight, it is hard to keep weight on it)</td>
<td>Medium (2-4 hours/day)</td>
<td>Maintenance/Idle</td>
<td>Supplements ______________ oz.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Heavy (+4 hours/day)</td>
<td>Senior</td>
<td></td>
</tr>
</tbody>
</table>

** Please calculate the weight of your horse/pony, showing all work below.

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

What does HG stand for? __________________________________________________________________________________

What does BL stand for? ____________________________________________________________________________________

What type of forage does your horse/pony eat? _______________________________________________________________________

If you feed grain, what type does your horse/pony receive? ____________________________________________________________

If you feed supplements, what type (s) does your horse/pony receive? _________________________________________________
**Health**

What is the normal temperature range of a horse/pony (Degrees in Fahrenheit)? __________

How do you take the temperature? _______________________________________________________

What is your horse/pony's temperature? ________________ Date Taken: __________

What is the normal heart rate of a horse/pony (Beats per Minute)? ____________________

How do you take a horse/pony's pulse? _____________________________________________

What is your horse/pony's resting pulse? __________________________ Date Taken: _________

What is the normal respiration rate of a horse/pony (Breaths per Minute)? ______________

What is your horse/pony's resting respiration rate? ______________ Date Take: __________

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?

________________________________________________________

________________________________________________________

What are four health problems for horses that are common during the hotter months of the year?

1. _____________________________________________________________________________

2. _____________________________________________________________________________

3. _____________________________________________________________________________

4. _____________________________________________________________________________
Health, cont.

What are three ways that you can prevent heat-related health problems?

1. _______________________________________________________________________________________

2. _______________________________________________________________________________________

3. _______________________________________________________________________________________

Name five diseases that you can (and should) vaccinate your horse for. For each vaccination, list who administers it, how it is administered and the length of its effectiveness.

1. _______________________________________________________________________________________
   _____________________________________________________________________________________

2. _______________________________________________________________________________________
   _____________________________________________________________________________________

3. _______________________________________________________________________________________
   _____________________________________________________________________________________

4. _______________________________________________________________________________________
   _____________________________________________________________________________________

5. _______________________________________________________________________________________
   _____________________________________________________________________________________

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

_________________________________________________________________________________________

_________________________________________________________________________________________

_________________________________________________________________________________________

_________________________________________________________________________________________

_________________________________________________________________________________________
Health, cont.

What are the six essential nutrients? For each nutrient, list how your horse acquires it and one reason it is needed in the diet. (refer to: http://extension.uga.edu/publications/detail.cfm?number=B1355 ; How to Feed a Horse: Understanding the Basic Principles of Horse Nutrition)

1. ____________________________________________________________
   __________________________________________________________________

2. ____________________________________________________________
   __________________________________________________________________

3. ____________________________________________________________
   __________________________________________________________________

4. ____________________________________________________________
   __________________________________________________________________

5. ____________________________________________________________
   __________________________________________________________________

6. ____________________________________________________________
   __________________________________________________________________

Match the following grains (on the left) with their descriptions (on the right). Draw a line from the grain to its description.

A. Oats
   1. Susceptible to ergot fungus

B. Barley
   2. Easy to digest; soft and easy to roll

C. Corn
   3. Must be fed crimped or rolled

D. Wheat
   4. Can be lethal when moldy

E. Rye
   5. High in energy; expensive
Horse Conformation & Anatomy

Match the following unsoundness and/or conformation faults (on the left) to their definitions (on the right). Draw a line from the unsoundness/conformation fault to its definition.

A. Bone spavin 1. Depression of the muscle mass in the shoulder caused by an injury to a nerve
B. Bog spavin 2. Puffy condition in the hollow of the hock
C. Thoroughpin 3. Soft filling of the natural depression on the inside and front of the hock
D. Calf-knees 4. Knees that protrude too far forward when viewed from the side
E. Buck-knees 5. Knees that break backward when viewed from the side
F. Sweeney 6. Bony enlargement on the inside and front of the hock

Using vocabulary from the word bank, complete the following conformation statements.

<table>
<thead>
<tr>
<th>WORD BANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>COARSENESS</td>
</tr>
<tr>
<td>FOREQUARTER</td>
</tr>
<tr>
<td>HOOVES</td>
</tr>
<tr>
<td>UNDERLINE</td>
</tr>
</tbody>
</table>

A. The length of the leg from the_________________________ to the elbow should be equal to the depth of the_________________________ from the elbow to the top of the ____________________________.

B. The point of the __________________ should be on the same ______________________ as or lower than the top of the withers, so that the horse naturally travels “uphill”.

C. When the horse is divided through the center of the back, the_________________________ (not including the head and neck), should be equal in size to the ______________________. Note that the center of gravity is different from the center of the horse. Because of the weight of the head and neck, the center of gravity is just behind the_________________________ when the horse is standing. When the horse is divided through the middle of the back, approximately 60% of the weight is carried on the front legs, because of the additional weight of the head and neck.

D. The well balanced horse has a shorter __________________ (from the point of the withers to the point of the hip) in comparison to a longer_____________________ (from the point of the elbow to the_________________________).

E. Refinement is a general lack of_________________________. The factors closely associated with quality and refinement are:
   a. A refinement of body parts - the horse should be_________________________ and clean-cut, not coarse, with body parts that blend smoothly together.
   b. Tendons and joints should be well defined, not ____________________________.
   c. Tight, thin_________________________.
   d. Hard, smooth, durable_________________________.
   e. Obvious ______________________ characteristics.
Horse Conformation & Anatomy, cont.

Circle or highlight the indicated parts of the horse in the puzzle below.

Parts of the Horse Word Search

Identify the following TRAVEL conformational problems.

____ Base Narrow
____ Winging-in and Splayed Footed
____ Paddling and Pigeon Toed
____ Normal
____ Base Wide
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:
### Hoof Care Record

<table>
<thead>
<tr>
<th>Date</th>
<th>Horse’s Name</th>
<th>Type of Hoof Care (Example: front shoes, trim)</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td>Sandy</td>
<td>All four feet trimmed, horse shoes pulled then adjusted and reattached to front hooves</td>
<td>$100.00</td>
</tr>
</tbody>
</table>


HUNT SEAT EQUITATION

Describe or draw the desirable position of the rider’s upper body, seat, legs, feet, arms and hands.

Describe or draw the desirable position of the horse. Refer to the University of Arkansas’ Hunt Seat Equitation: https://www.uaex.edu/farm-ranch/animals-forages/horses/hunt_seat_equitation.pdf

RIDER:

HORSE:

Identify some of the commonly observed faults with a rider’s body position when riding hunt seat.

__________________________________________________________________________________________

__________________________________________________________________________________________

__________________________________________________________________________________________

__________________________________________________________________________________________
## Riding & Training Record

<table>
<thead>
<tr>
<th>Month</th>
<th>Number of Days Riding/Training</th>
<th>Total Hours</th>
<th>Description of Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td>8</td>
<td>18</td>
<td>Trail ride, practice over fences</td>
</tr>
<tr>
<td>January 2018</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 2018</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>March 2018</td>
<td></td>
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<tr>
<td>April 2018</td>
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<tr>
<td>May 2018</td>
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<tr>
<td>June 2018</td>
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<td></td>
<td></td>
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<tr>
<td>July 2018</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 2018</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Number of Days Spent Riding/Training</th>
<th>Total Hours for Project</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Competitions

Please make a list of the shows or competitions that you have attended or participated in. Explain what kind of show it was and list the date and location. If possible, please include classes entered, ribbons & awards (or pictures of them).
Presentation

As a Level 4 rider, it is important to not only broaden your riding skills but also your knowledge as an equine enthusiast! From the options below please choose a topic, research it and present it to your 4-H Horse/Pony Club. You will gain valuable knowledge and skills such as public speaking, and you will also help teach others about your project!

- Create a model of a parasite life cycle. Explain what the parasite is, what it does and how it is treated.
- Create an exhibit of poor conformation compared to a horse with desirable conformation. Explain the differences and why you want a horse with ‘good conformation’.
- Draw/illustrate/build a horse's internal conformation such as their skeleton, digestive system, reproductive tract etc. Explain how this system works.
- At a riding meeting demonstrate how to calculate a horse’s weight, take its temperature, measure its heartbeat and respiration rate.
- Gather samples of different hay & grains. Try to include some poor quality samples as well. Explain why these samples are good or bad. Also explain what the good hay/grain does for a horse and explain what the poor hay/grain will do to the horse.
- Do a presentation on your tack; what you use each piece for and how you care for it.
- Do a presentation on aids (natural or artificial). What do they do? How do you use them? How do they help you with your horse?

What presentation did you choose? ______________________________________________________

Why did you choose this? __________________________________________________________________

________________________________________________________________________________________

________________________________________________________________________________________

________________________________________________________________________________________

What did you create for your presentation? _______________________________________________

________________________________________________________________________________________

________________________________________________________________________________________

Please attach an outline of your presentation. Also attach either drawings or pictures of you presenting to your club. Below, have your leader sign acknowledging your completion of this project presentation.

I, ____________________________, here by acknowledge that ____________________________

presented their topic on ____________________________ to our 4-H Horse/Pony club.

Leader Signature: ____________________________________________________ Date: ________________
4-H Story

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

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

**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

**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

**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.

*Stories should be at least two paragraphs.* Please attach additional pages as needed.

Other examples that you may consider including: 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.).
You need 9 total points earned in the following way, 6 meeting points (each meeting is worth 1 point), 1 point from either horse camp or one of the OCHDC sponsored youth shows or OCHDC horse clinic, and 2 non club points. This sheet is to be kept with your notebook and will be checked before you go to the State 4-H show or at the Fair on entry day.