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:

\[ \frac{HG^2 \times BL}{330} = W \]

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

\[ \left( \frac{\text{__}^2 \times \text{__}}{330} \right) = \text{_______lbs.} \]

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 your 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**

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

<table>
<thead>
<tr>
<th>Type of Feed and Quantity:</th>
<th>Type of Feed and Quantity:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nutrient 1 and Percentage:</td>
<td>Nutrient 1 and Percentage:</td>
</tr>
<tr>
<td>Nutrient 2 and Percentage:</td>
<td>Nutrient 2 and Percentage:</td>
</tr>
<tr>
<td>Nutrient 3 and Percentage:</td>
<td>Nutrient 3 and Percentage:</td>
</tr>
</tbody>
</table>

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 ¼ or ½ a bale per day. Example, if it eats ¼ 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:

\[
\frac{\text{Lbs. / day} \times 7}{\text{days / week}} = \frac{\text{Lbs. / week}}{\text{Weight of Bale}} \div \frac{\text{Bales/ week}}{} = \frac{\text{Lbs. / week}}{} \\
\frac{\text{Lbs. / week} \times 4}{\text{weeks / month}} = \frac{\text{Lbs. / month}}{\text{Weight of Bale}} \div \frac{\text{Bales/ month}}{} = \frac{\text{Lbs. / month}}{} \\
\frac{\text{Lbs. / month} \times 12}{\text{months / year}} = \frac{\text{Lbs. / year}}{\text{Weight of Bale}} \div \frac{\text{Bales/ year}}{} = \frac{\text{Lbs. / year}}{}
\]

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**

<table>
<thead>
<tr>
<th>Vaccine or Procedure</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetanus</td>
<td></td>
</tr>
<tr>
<td>Flu</td>
<td></td>
</tr>
<tr>
<td>Rhino</td>
<td></td>
</tr>
<tr>
<td>West Nile</td>
<td></td>
</tr>
<tr>
<td>Potomac Fever</td>
<td></td>
</tr>
<tr>
<td>Rabies</td>
<td></td>
</tr>
<tr>
<td>Strangles</td>
<td></td>
</tr>
</tbody>
</table>

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?

________________________________________
<table>
<thead>
<tr>
<th>Date</th>
<th>Horse’s Name</th>
<th>Type of Hoof Care</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>
## 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>September 2015</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 2015</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>November 2015</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>December 2015</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January 2016</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February 2016</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>March 2016</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>April 2016</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>May 2016</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>June 2016</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>July 2016</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 2016</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

1. _____________________________  
2. _____________________________  
3. _____________________________  
4. _____________________________

List 4 artificial aids:  

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, Wither, 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.

<table>
<thead>
<tr>
<th>SCORE</th>
<th>CONDITION DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1- Poor</td>
<td>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.</td>
</tr>
<tr>
<td>2- Very Thin</td>
<td>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.</td>
</tr>
<tr>
<td>3- Thin</td>
<td>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.</td>
</tr>
<tr>
<td>4- Moderately Thin</td>
<td>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.</td>
</tr>
<tr>
<td>5- Moderate</td>
<td>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.</td>
</tr>
<tr>
<td>6- Moderate to Fleshy</td>
<td>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.</td>
</tr>
<tr>
<td>7- Fleshy</td>
<td>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.</td>
</tr>
<tr>
<td>8- Fat</td>
<td>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.</td>
</tr>
<tr>
<td>9- Extremely Fat</td>
<td>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.</td>
</tr>
</tbody>
</table>

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.
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

**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.**

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.