



Kentucky 4-H Horse Achievement Program

Level 4



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Welcome to Level 4 of Your 4-H Horse Achievement Program.

Congratulations on arriving at the most advanced level of the 4-H Horse Achievement Program.

You have successfully completed Level 3 and are now ready to begin working on the final workbook. Please sit down with your leader and plan carefully how you will approach this advanced workbook before you begin.

Notice that this workbook, like the others, combines “hands-on,” riding experience with other activities. As someone in the advanced part of this program, you are also asked to work with beginning members and to find ways to help them.

When you have finished the entire workbook, you and your leader will send the completed material to the State Extension Horse Specialist at University of

Kentucky in Lexington. You should also send your completed 4-H Computerized Record Management Disk at the same time. (If you don't have that disk, be sure to have your leader get one for you at the beginning of this project). You are welcome to use additional sheets of paper if you need to, for some of the questions. The State Extension Horse Specialist will review Level 4 for final approval.

When you receive approval and are awarded your final certificate you will be a certified “Master Horseman.” Congratulations once again to you and your leader on your achievement.

Section 1. 4-H Club Experience

A. Participation at Horse Events

1. Riding Record or Service Record (for horseless members)

Month	Type of Riding	Type of Service	No. of Hours
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

2. List the name and date of at least six horse shows, judging contests and/or trail rides you participated in (any level).

Date	Name

3. Read a horse book. List title and author and write a brief book report (attach extra sheets if needed).

B. Club Participation

- 1. Give at least two visual demonstrations or speeches about horses.

Title	Date

- 2. List at least two offices held or committees chaired in your 4-H club.

- 3. List three 4-H projects you participated in, other than horses.

- 4. Give the date you assisted a beginning member with horsemanship, judging or management.

- 5. Give the year or years during which you have served as a 4-H junior leader.

- 6. Give the dates on which you submitted a 4-H record book at the county, district or state level.

Section 2. Horse Knowledge

A. Individual Test

Member must complete the prescribed tests under the direction of a leader. Other tests may be added.

Test	Date	Signature of Leader
Controlled, collected flying lead change		
Sidepass		
Walk, trot and canter on rail (hunt or flat saddle or gaits appropriate for your breed)		
Walk, jog, lope on rail (western tack)		
360-degree turn on hind-quarters		
Open and close a gate while mounted		
Demonstrate correct use of direct rein and neck rein		
Demonstrate the ability to ride any four of the following different kinds of horses at the prescribed gaits:		
Hunter over Fences		
Saddle Seat Pleasure		
3- or 5-Gaited Pleasure horse		
Galloping a race horse		
Hunter Under Saddle		
Western Pleasure horse		
Western Riding Horse (run a pattern)		
Plantation Pleasure horse		
Speed event (run a barrel or pole bending pattern in good fashion)		
Dressage horse (complete one of the prescribed tests in the Official 4-H Horse Rulebook)		
Mount and dismount a "green" horse		
Pony a young horse		

Specialized Test: Each rider must design a series of specialized tests according to his or her background and area of specialization. Each rider can get assistance from others in designing the test. For example, if you are a Hunter rider, your test can include jumping and flat work.

Test	Date	Signature of Leader

B. Management Skills

1. Serve as an apprentice for at least one day for one of the following: farm manager, trainer, feed store, farrier, tack shop, horse show manager, veterinarian. Work for or with this person and outline the work on daily activities. Have this person sign and date the outline of work on this page.

3. Draw or trace and label the reproductive tract of the mare and stallion.

4. Give the average length of the following:

Gestation: _____

Estrous Cycle: _____

Estrus: _____

List the date you observed a mare being artificially inseminated and evaluated stallion semen.

Date	Location	Signature of Leader
Artificial Insemination		
Semen Evaluation		

5. Discuss the uses and functions of hackamores, snaffles and curb bits.

6. Discuss the “ground work” used in preparing an unbroken horse for riding.

7. Describe the methods you would use to develop flexion and collection in your horse.

Lope or Canter

9. Discuss the feeding problems that may occur when feeding:

Fescue

8. List the foot patterns of the following gaits:

Walk

Finely processing grain

Trot

Moldy feed

10. Using a feed tag, study and record the daily nutrient requirements for the following horses. Attach the feed tag.

Horses	Daily Feed Per Horse (Lb./day)	Crude Protein (%)	Digestible Energy (Mcal/Lb.)	Calcium (grams)	Phosphorus (grams)
400 lb. weanling					
700 lb. weanling					
1000 lb. mature horse (idle)					
1000 lb. mature horse (hard work)					
1000 lb. lactating mare					

11. Draw or trace and identify the digestive system of the horse. List at least two functions of each part.

13. Discuss eight feeding management guidelines.

12. Discuss the importance of calcium and phosphorus in rations of young horses.

14. List the internal and external parasites that cause problems in horses.

Internal Parasites	External Parasites

15. Design a yearly vaccination and parasite control program for a training facility.

16. Discuss ways in which you would use a computer on a horse farm.

17. Briefly discuss the cause, prevention and treatment of the following diseases.

Strangles

Tetanus

Tying Up

Potomac Horse Fever

Equine Viral Arteritis

Laminitis

Colic

Equine Infectious Anemia

Navicular

18. Skills Test (Give the date you performed at least 10 of the following abilities. Everyone must complete test "k." Additional tests may be added but not substituted.)

Test		Date	Signature of Leader
a.	Harness, hitch and drive a horse team with supervision		
b.	Prepare one foot for shoeing with supervision of a farrier		
c.	Shoe one foot with direct supervision of farrier		
d.	Give an intramuscular shot under supervision		
e.	Diagram a Hunter course		
f.	Diagram a suitable horse show trail course		
g.	Demonstrate lungeing a young horse		
h.	Demonstrate driving a young horse		
i.	Demonstrate how to take pulse and respiration on a horse		
k.	Balance a corn, oat and soybean meal ration for yearlings (Use any hay and other feed ingredients as needed).		
l.	Safely load and unload a horse from a trailer		
m.	Twitch a horse		
n.	Others: (designated by leader)		

19. Define the following terms:

Chromosome

Loci

Allele

Codominance

Section 3. 4-H Horse Achievement Program Review

Write a brief summary of the knowledge gained through the Achievement program and what areas you feel need to be added or changed. Do you feel qualified to be called a Master Horseman? (Use separate sheet if necessary.)



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**Horse
Achievement
Program**

Level 4



CERTIFICATE

This is to certify that

has successfully completed Level 4 of the
4-H Horse Achievement Program
by quiz and practical demonstration
and has earned the title of

MASTER HORSEMAN

on the _____ day of the _____ month of _____

4-H Project Leader

Date

4-H County Agent

Date

