

K.E.E.P HORSELESS PROJECT BOOK

Ages 16 and Older as of January 1 of Current year

Horseless
16 & Older

4-H Motto “To Make The Best Better”

*Information to complete the Equine Project Book is in the Horse & Horsemanship and Horse Science books that are available at the MSU Extension Office.

Immunization information can be found at the Kent County Horse Leader’s website - <http://www.kentcountyhorseleaders.com> “Immunization and Coggin’s Guidelines”.

Questions should be directed to your Club Leader who may request clarification from the Project Book Committee.

PLEASE DO NOT USE PAGE PROTECTORS ON THESE PAGES. PAGE PROTECTORS CAN BE USED ON PHOTO PAGES AND EXTRA CREDIT REPORTS.

PLEASE KEEP PAGES IN NUMERICAL ORDER.

PLEASE DO NOT USE A BINDER LARGER THAN 1” UNLESS THE ADDITIONAL REPORTS REQUIRE A BIGGER BINDER

KENT COUNTY YOUTH FAIR EXHIBIT TAG					
Project	Equine Record Book				
Dept	16	Section	02	Class #	1601
Exhibitor Name					
Club Name					
Exhibitor #					
A	B	C	Honorable Mention		Outstanding

The Horseless Project is designed for any youth interested in learning and experience more about horses within the format of a 4-H club, but unable to bring a horse to the Kent County Youth Fair.

GENERAL INFORMATION AND INSTRUCTIONS

Properly kept records are a vital part of equine ownership. Records give a clear picture of what you have invested in the project. Records also provide you with accurate facts about your equine project. Because your equine is intended to be your year-long project, the Project Book should begin September 1st. However, there are exceptions, such as a change in equine or obtaining an equine later in the project year. You are responsible for writing an explanation for the judge.

- ❑ **All signatures are required.** The parent signature may be waived if the 4H member is 18 years of age or older.
- ❑ **A score of 70% or higher with all pages complete is required to compete at the Kent County Youth Fair for awards, trophies or ribbons.**
- ❖ The book may be decorated or enhanced as long as all pages are included and kept in order. Additional pages, photos and memories must be at the end of the project book.
- ❖ Do not include pages from previous years unless they are part of a story or report you are including. *"Previous Year" is defined as information prior to the Project Book deadline date of last year. (You may use last year's pictures and show records from fair.)*
- ❖ The Equine Project Book must be bound in some fashion. No loose pages please.
- ❖ Clearly label reports and stories. Reports and stories must include the date authored.
- ❖ You must use the project book for the current calendar year.
- ❖ BONUS options include: Community Service Project Report, In-Depth Story or Report, additional Photographs, Exceptional Organization and Creativity, Additional Education experiences. You can earn up to 45 Extra Points.
- ❖ 4H age is the member's age as of January 1st of the current 4H year.
- ❖ Years in equine project do not include years as an Explorer but does include the current year.

If you have questions that are not covered, please consult with your leader. Your leader may direct their questions to the Project Book Committee.

RECORDKEEPING DATES

Project Book Began on (should be September 1):
Date Project Book was completed:

RIDER INFORMATION

Name:		
Address:	City/State/Zip:	
Date of Birth:	4H Age:	Years in Equine Project:
Exhibitor #	4H Club Name:	
4H Club Leader:	Leader Phone #	

VITAL SIGNS

Equine's temperature:	Respiration:	Pulse:
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COGGIN'S TEST – Links to the Michigan Department of Agriculture are on the “Immunization and Coggin’s Guidelines” at www.kentcountyhorseleaders.com

Why does the state require a Coggin’s test for equines to participate at events?

How is EIA transmitted?

Name three (3) ways we can help prevent EIA from spreading?

- 1.
- 2.
- 3.

IMMUNIZATIONS – Information found @ <http://www.kentcountyhorseleaders.com> “Immunization and Coggin’s Guidelines”.

List the diseases that Kent County 4H requires immunizations for?

- 1.
- 2.
- 3.
- 4.
- 5.

Give 2 reasons why Kent County 4H requires immunizations against these diseases?

- 1.

2.

What 4 additional diseases are recommended that your horse be immunized for?

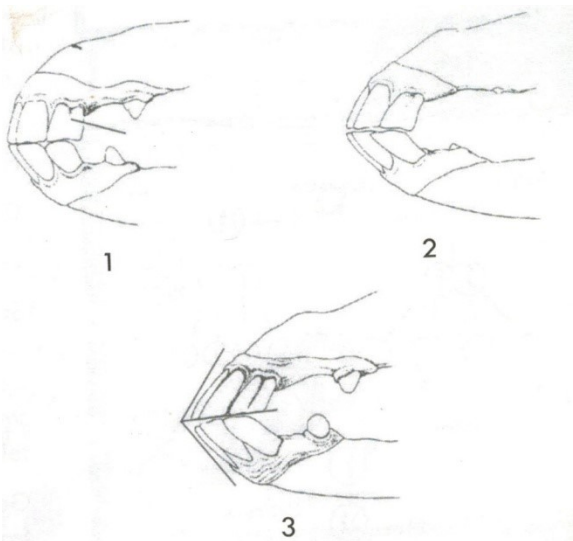
1.

2.

3.

4.

TEETH GROWTH CHART *Picture from Horse Science Book, Chapter Four*



	PROFILE NAME	AGE RANGE
1.		
2.		
3.		

DEWORMING *Horse Science Book, Chapter Fifteen*

After reviewing "Internal Parasites" in the *Horse Science* book, name three health issues that are caused by internal parasites.

1.

2.

3.

Which two internal parasites are most dangerous to young foals/horses?

1.

2.

LAMENESS *Horse Science Book, Chapter Three*

What action is seen when the sound limb of a lame horse strikes the ground?
Define the term “founder” (laminitis):
Name and define 2 issues of unsoundness of the front legs: 1. 2.
Name and define 2 issues of unsoundness of the rear legs: 1. 2.
What is the difference between an “unsoundness” and a “blemish”?

FIRST AID <http://www.extension.org/pages/10397/treating-cuts-and-tears-in-horses>

Explain the 6 steps of treating cuts and tears

1.	
2.	

3.	
4.	
5.	
6.	
What percentage of blood can an equine lose before it becomes critical?	
Approximately how many quarts of blood does a 1,000-pound equine have?	

COLIC *Horse Science Book, Chapter Thirteen*

Name and Describe the Five (5) types of Colic?
1.
2.
3.
4.
5.
Name four (4) types of symptoms an equine may exhibit when colicing?
1.
2.

3.

4.

Name three (3) types of treatments a vet will administer for colic:

1.

2.

3.

Name four (4) ways an equine owner can help prevent colic:

1.

2.

3.

4.

CONFORMATION (Form to Function) *Horse Science Book, Chapter Two*

What is the most desired shoulder angle and WHY?

Describe how the angle of the shoulder affects the motion of the horse.

NUTRITION – WATER (FILL IN THE BLANK) *HORSE SCIENCE BOOK, CHAPTER EIGHT*

Water is the (1) _____ component of all body fluids. Between (2) _____ and (3) _____ of adult equine body weight, and (4) _____ to (5) _____ of foal body weight is water. A loss of (6) _____ to (7) _____ of body water is fatal.

Approximately how many gallons of water does an equine need for each activity listed:

Non-working, maintenance	
Gestation	
Peak lactation	
Moderate work	
Heavy work	

NUTRITION – FORAGES *HORSE SCIENCE BOOK, CHAPTER NINE*

What are the two (2) main forms of forages? _____ and _____

Which type of forage includes hay and straw?

Which type of forage only has 20%-30% dry matter?

What are the two (2) basic types of forages? _____ and _____

Which of these are higher in fiber?

Which of these are higher in proteins, energy, vitamins and minerals?

SAFETY *Horses and Horsemanship, Chapter Eleven*

After reviewing the safety rules listed in your 4H science books, choose three safety issues you feel are very important and explain WHY.

- 1.
- 2.
- 3.

EDUCATION

List seminars, clinics, demonstrations, meeting presentations, educational books, articles, training DVDs, etc.

Date	Source (YouTube, Magazine, Website, Event, i.e.)
Topic/Title:	
What did you learn?	

Date	Source (YouTube, Magazine, Website, Event, i.e.)
Topic/Title:	
What did you learn?	

TACK – BITS (Fill in the blank) *Horses and Horsemanship Book, Chapter Six*

Bits are used for (1) and (2) through different (3) points.

What are the seven (7) pressure points:

- 1.
- 2.
- 3.
- 4.

5.

6.

7.

A good set of (1) hands is the first piece of equipment that needs to be (2) .

What are the four (4) parts of a bit:

1.

2.

3.

4.

What are four (4) factors that contribute to the severity of a bit:

1.

2.

3.

4.

Snaffle bits are, by definition, (1) action bits with the reins attached directly to the mouthpiece.

What three (3) pressure points are affected by a snaffle bit?

1.

2.

3.

Curb bits operate on a (1) principle. It has a functional curb (2) or (3) adjusted to fit in the (4) groove area on the underside of the lower jaw, and reins attach to the shanks.

What five (5) pressure points are affected by a curb bit?

1.

- 2.
- 3.
- 4.
- 5.

HEALTH & CARE- Select one element and complete a report on it. The report can be in pictures, personal drawings or written form. Place the report behind this page.

1. Describe or show how to tighten and remove a loose shoe
2. Describe or show three things that could poorly effect grain or hay and the equine health risks involved with each
3. Describe/chart the life cycle of a common equine internal parasite; include preventative measures
4. Develop a diorama of a training/boarding facility for 10 or more horses
5. Describe or show how to groom and prepare a horse prior to a promotional photo shoot
6. Draw and describe your fantasy breeding horse. Include: breed, color, markings by name; age, gender & size; description of conformation; pedigree and productivity
7. Develop a budget for showing a horse. Include costs of tack and show clothes
8. Describe or show one procedure an equine dentist may need to do for an aged horse not maintaining their weight
9. Research the cost and efficiency of four recognized forms of equine fencing. Include: safety factor; materials cost; installation time & cost; short term & long-term maintenance; area availability
10. Select two unsoundnesses and describe treatments or procedures that could keep the horse productive. What things could aggravate each unsoundness? What is the best and worst possible outcome?
11. Independent study – limited to one per bracket. Each independent study element must be pre-approved by both your club leader and a member of the Executive Committee.

HANDLING & SAFETY - Select **TWO elements and complete a report on each element. The report can be in pictures, personal drawings or written form. Place the reports behind this page.**

1. Describe or show how to safely bath a horse for the show ring. Include clipping for the show ring.
2. Describe or show how to safely lead a horse through or past something that scares the horse.
3. Describe or show how to long line or drive a horse with long lines.
4. Describe or show how to safely approach and halter one horse in the middle of a group of horses.
5. Establish both short term and long-term riding goals you would like to accomplish over the course of a season utilizing weekly lessons.
6. Describe or show how to teach a horse the basic elements it would need to know for Showmanship.
7. List in order of importance to the horse five ways a horse will defend itself in the wild. Describe a scenario where a domesticated horse might inappropriately choose each defense.
8. Describe or show how you would put on a surcingle and side reins for lunging. Include why you would lunge a horse with side reins.
9. Describe or show how someone might train a young horse during its first 30 days under saddle
10. Independent study – limited to one per bracket. Each independent study element must be pre-approved by both your club leader and a member of the Executive Committee.

BREEDS & DISCIPLINES - Select one element and complete a report on it. The report can be in pictures, personal drawings or written form. Place the report behind this page.

1. Select one breed from each of four continents and compare the conformation differences between each of the four breeds. Include each specific breed standards.

2. Select a breed originating in the United States and another originating outside the United States prior to 1850 and provide a history of both.
3. Compare two similar disciplines within the same area (hunters and jumpers; reining and Western riding; dressage and freestyle; endurance and cross country). Include differences in training, equipment, scoring, goals, etc.
4. Name and describe three different pieces of training equipment that could be used to re-school an older horse who is recovering from an injury or has learned some bad habits. Include what each piece would hope to accomplish in the re-schooling
5. Explain the various physical discomforts that could come to a horse with a saddle that's too tight or too wide. Include how any of these discomforts may affect the horse's movement.
6. Select at least one unnatural gait to a specific breed. Name the breed and describe the unnatural gait. Include when it would be called for.
7. Select a breed registry and research history, membership requirements, governing body, names of local associations and any local competitions.
8. Select a breed registry and research some of the most recent rule changes for competitions or the membership. Were these rule changes well accepted or controversial? Why?
9. Select a European registry association and describe the selection process used to allow stallions to be used for registry breeding purposes.
10. Design a show bill for a local 4-H club show used for their fund raising.
11. Independent study – limited to one per bracket. Each independent study element must be pre-approved by both your club leader and a member of the Executive Committee.

CAREERS & EDUCATION - Select **TWO elements and complete a report on each element. The report can be in pictures, personal drawings or written form. Place the reports behind this page.**

1. Volunteer 8 hours at a local equine facility or event. Document your hours and what you learned or observed.
2. Attend a local horse show. Interview the Show Manager and the announcer. Document your interview. Select questions prior to the interview and include them in your element.
3. Read a book on horse care. Evaluate the book. Was it informative, easy to understand without owning a horse? What was the most interesting thing you learned?
4. Job shadow two different people in two different horse related jobs. Compare the two jobs: income, hours, health risks, schooling, level of possible future success, biggest draw backs.
5. Tour a breeding or training farm. Document your observations. What indicates industry success for this farm? What is one current financial issue the farm is facing? Does this issue seem to be industry related or unique to this farm? Explain.
6. Collect 8 different pictures of 8 horses of various breeds, sizes, etc. Place them as if they were in a halter class at a local 4-H show with no specific breed, age or gender guidelines.
7. Read a current monthly horse magazine. Evaluate the overall look and content of the magazine. What suggestions would you give to the Editor in Chief?
8. Attend a clinic, seminar or educational event that is horse related. What did you learn?
9. You are now a 4-H Horse Leader for a new Kent County 20-member club. Design a series of winter meetings, a fund raiser and a community service project for your new club.
10. Independent study – limited to one per bracket. Each independent study element must be pre-approved by both your club leader and a member of the Executive Committee.

DESIGN & CREATE - Select **TWO elements and complete.**

1. Make flash cards for at least 20 different horse and pony breeds; each card including the national origin of the breed
2. Write a children's book featuring either a therapy horse, a horse rescued from neglect, an ex-racehorse or a retired show horse
3. Write a short story with yourself as the main character featuring a horse you have created

4. Draw a horse scene using either paints, charcoals, pastels, pencils or ink
5. Create a photo study of a selected topic. Examples could be grazing horses, herds, ponies, working horses, foals, heads of horses, etc.
6. Design a promotional banner to be hung at a local equine event. The banner will depict a horse farm or equine business of your choosing
7. Develop a game that can be used to teach at least 30 parts of a horse
8. Independent study – limited to one per bracket. Each independent study element must be pre-approved by both your club leader and a member of the Executive Committee.

SIGNATURES

As a 4H Member, I verify that I have read the requirements and instructions for completion of this Project Book and I understand that I must score 70% or higher in the requirements to complete the project and compete for awards. By signing, I agree with and understand the requirements of this project.

MEMBER'S SIGNATURE:

PARENT'S SIGNATURE:

Parent Comments:

By signing my name as leader of the club I verify that this member:

- Is in good standing with the club
- Has read and understands the Requirements and knows a score of 70% or higher is required to compete for awards.
- Has read and understands the instructions for completing the project book
- Completed this project book in the current year to the best of the member's ability.

LEADER'S SIGNATURE:

K.E.E.P. HORSELESS 16 & OVER PROJECT BOOK SCORE CARD

RECORDKEEPING	Points Possible	Section Subtotal	Points Achieved
Recordkeeping Dates	2		
Rider Information	11	13	
HORSE HEALTH			
Vital Signs	3		
Coggin's Test Questions	5		
Immunization Requirements Questions	11		
Teeth Growth Chart	6		
Deworming	5		
Lameness	8		
First Aid	8		
Colic	16		
Conformation	4	66	
NUTRITION			
Water	12		
Forages	8	20	
EXPERIENCE/EDUCATION			
Safety Questions	6		
Educational Experience	8		
Tack – Bits	33		
Health & Care – Neatness, Creativity, Accuracy, Completion	20		
Handling & Safety 1-neatness, creativity, accuracy, completion	20		
Handling & Safety 2-neatness, creativity, accuracy, completion	20		
Breeds & Discipline-neatness, creativity, accuracy, completion	20		
Careers & Education 1-neatness, creativity, accuracy, completion	20		
Careers & Education 2-neatness, creativity, accuracy, completion	20		
Design & Create 1-neatness, creativity, accuracy, completion	20		
Design & Create 2-neatness, creativity, accuracy, completion	20		
All REQUIRED signatures	3	210	
PROJECT BOOK TOTAL Must achieve 70% (177 pts.) or more in this section		309	
OPTIONAL BONUS SECTION			
Community Service Report	5		
In-Depth Report or Story (1-5pts. for each report. Must be dated and completed in current 4H year. Maximum 10pts.) Points awarded are based on effort and completeness.	10		
Photo section displaying 4H member and equine project in current 4H year 1 pt. per photo up to 5 pictures	5		
<u>EXCEPTIONAL</u> organization, creativity	10		
Extra Educational Experiences (5 pts. Each)	15		
Total possible bonus points awarded	45		
GRAND TOTAL FROM ALL SECTIONS	354		

Honorable Mention (ribbon) is awarded for Project Books receiving more than 315 points overall and only if ALL required elements are completed.

A = 278-309

B = 248-277

C = 216-247

E = 0-215

Outstanding Award (ribbon)

Top 10% of the 8-9 year old project books

Top 10% of the 10-11 year old project books

Top 10% of the 12-15 year old project books

Top 10% of the 16 & over project books

Questions about this score can be directed to: _____

Comments from judge: