

# K.E.E.P. HORSELESS PROJECT BOOK

Ages 12 to 15 as of January 1 of Current year

**4-H Motto “To Make The Best Better”**

\*Information to complete the Equine Project Book is in the Horses & 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”.

First Aid info can be found at: [www.extension.org/pages/33853/what-plants-are-toxic-to-horses](http://www.extension.org/pages/33853/what-plants-are-toxic-to-horses)

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 3 RING 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 1<sup>st</sup> of the current 4H year.
- ❖ Years in horse 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

<b>Project Book Began</b> (should be September 1):
<b>Date Project Book was completed:</b>

**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 #	

**HORSE HEALTH - VITAL SIGNS**

Equine's temperature:	Respiration:	Pulse:
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**COGGIN'S TEST** <http://www.kentcountyhorseleaders.com> "Immunization and Coggin's Guidelines".

What disease does the Coggin's Test check for?
Is this disease treatable?

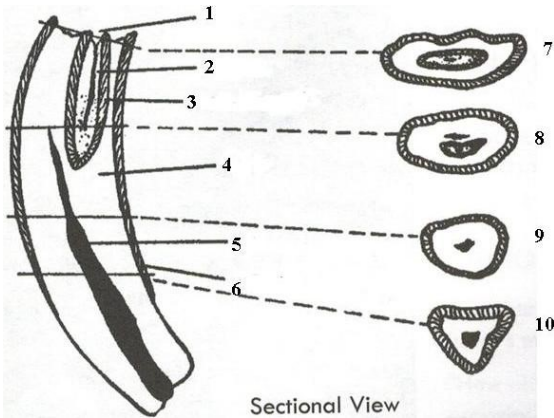
**IMMUNIZATIONS** <http://www.kentcountyhorseleaders.com/PDF/2017/2017%20Immunization%20Guidelines.pdf>

List the diseases Kent County requires equines to be immunized against (do not abbreviate):
1.
2.
3.
4.
5.

**DENTAL CARE** HORSE SCIENCE BOOK, CHAPTER FOUR

Approximately how many teeth does a male equine have?
Approximately how many teeth does a female equine have?

**TOOTH SECTIONAL VIEW** Name the 10 “sections” of the tooth. *Picture from Horse Science Book, Chapter Four*



1	3	5	7	9
2	4	6	8	10

**DEWORMING** *HORSE SCIENCE BOOK, CHAPTER FIFTEEN*

What deworming method do you use (paste, tubing, pelleted, natural)?

**Internal Parasites**

1. What color eggs do Bot Flies lay?
2. Where on the equine does a Bot Fly lay eggs?
3. What is the most common internal parasite?
4. Which intestine are blood worms found in?
5. Where are pinworms frequently seen?
6. Where are pinworms picked up by the equine?

Describe 2 stable management methods used to prevent the 3 most common parasites.

- 1.
- 2.

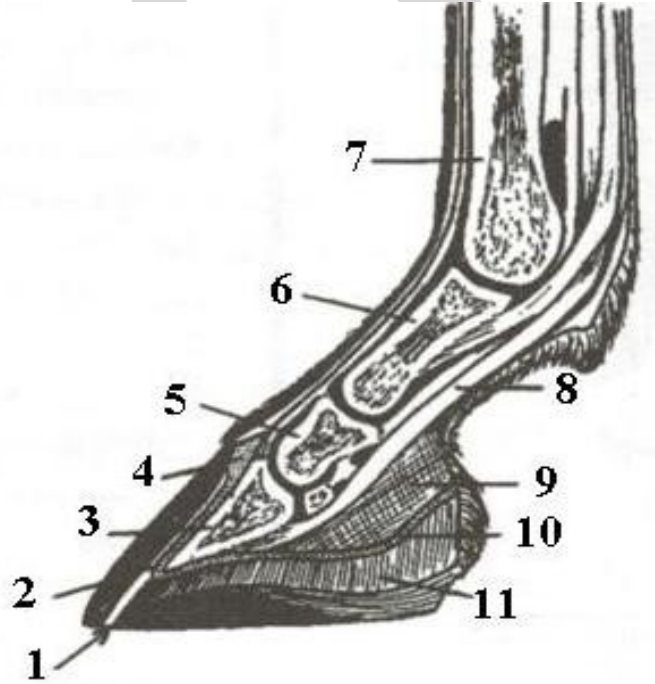
What is the best way to evaluate effectiveness and/or resistance to dewormers?

**HOOF CARE** HORSE SCIENCE BOOK, CHAPTER THREE

Define the term "LAMENESS":

**INTERNAL HOOF DIAGRAM** Picture from *Horses and Horsemanship, Chapter Ten*

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	



**FIRST AID:** *Horse Science Book, Chapter Eleven. Short Answer Using the included word bank*

1. Drugs that cause contraction of infected areas. \_\_\_\_\_
2. A diseased condition. \_\_\_\_\_
3. One trained and skilled in the treating of diseases and injuries of animals. \_\_\_\_\_
4. A horse's well-being depends largely on its \_\_\_\_\_.
5. If nutrition is high, the body's \_\_\_\_\_ against diseases will be \_\_\_\_\_.
6. \_\_\_\_\_ diseases are caused by microorganisms, primarily bacteria and viruses.

7. By \_\_\_\_\_ your equines against specific diseases, they will build up their \_\_\_\_\_ defenses against possible invasion by microorganisms.
8. The secret of successful \_\_\_\_\_ is to have a methodical plan, developed in consultation with your veterinarian and then to carry it out before disease strikes.
9. Correct \_\_\_\_\_ of illness or abnormal conditions in your equine is necessary before they can be treated intelligently.
10. A \_\_\_\_\_ disease is one that may be transmitted from one animal to another animal by direct or indirect contact.
11. Some symptoms of \_\_\_\_\_ is fever, irregular gaits, inability to swallow, and paralysis.
12. Symptoms of \_\_\_\_\_ are high temperature, increased respiration, depression, nasal discharge, and swelling of the lymph nodes.
13. \_\_\_\_\_ can happen after infection of a deep wound. Symptoms are stiffness, spasms, and third eyelid drawn over the eye when excited.
14. \_\_\_\_\_ may be acute or chronic. Acute cases show inflammation of sensitive laminae on one or more feet. Hooves are warm, sensitive to touch, very lame, pain on standing.
15. \_\_\_\_\_ symptoms are fever, nasal discharge, rapid breathing, cough, loss of appetite.
16. \_\_\_\_\_ or heaves has symptoms of breathing problems during exercise, dry cough and nasal discharge after exercise.
17. Incoordination in hind legs, muscular atrophy and loss of proprioception are symptoms of EPM or \_\_\_\_\_.

antibody	contagious	Equine Influenza	nutrition	Tetanus
astringent	defenses	Equine Protozoal Myeloencephalitis	pathological	vaccinating
C.O.P.D.	diagnosis	immunization	Strangles	veterinarian
contagious	Equine Encephalitis	Laminitis	stronger	

**DIGESTION & NUTRITION (17 points)** *Horse Science Book, Chapter Seven*

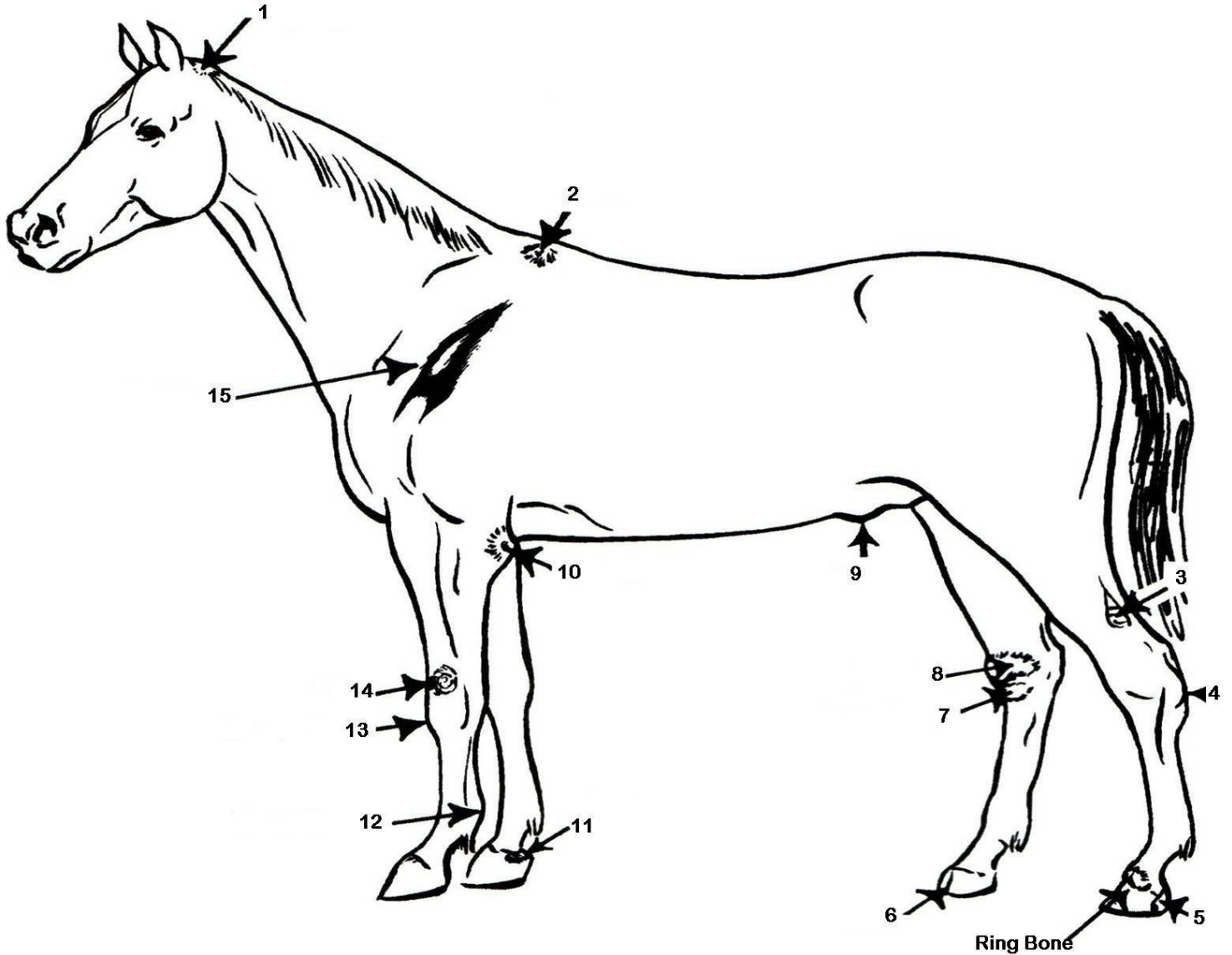
1. What six parts make up the equine digestive tract? \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
2. What three parts make up the large intestine? \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

3. Approximately, how long is the equine's digestive tract? \_\_\_\_\_.
4. How many quarts can the stomach hold? \_\_\_\_\_.
5. How long is the small intestine? \_\_\_\_\_.
6. How long is the cecum? \_\_\_\_\_.
7. How many quarts can the large colon hold? \_\_\_\_\_.
8. How many quarts can the small colon hold? \_\_\_\_\_.
9. How long is the large intestine? \_\_\_\_\_.
10. How many quarts can the large intestine hold? \_\_\_\_\_.

WORD BANK

4 feet	29 feet	68 feet
100 feet	8- 17 quarts	14 quarts
80 quarts	130 quarts	Cecum
Esophagus	Large Colon	Large Intestine
Mouth	Pharynx	Small Colon
Small Intestine	Stomach	

**UNSOUNDNESS OR BLEMISH (24 POINTS).** HORSE SCIENCE BOOK, CHAPTER THREE



**Any abnormal deviation in the structural function of the equine is an UNSOUNDNESS  
A BLEMISH does not interfere with the serviceability of the horse.**

Name the “unsoundness” or “blemish

**INCLUDE** “B” for blemish, “U” for unsoundness or “Both” if it can be both.

1.	6. <u>TOE CRACK, BOTH</u>	11.
2.	7.	12.
3.	8.	13. <u>OVER THE KNEE, BOTH</u>
4.	9. <u>HERNIA, BOTH</u>	14.
5. <u>QUARTER CRACK, BOTH</u>	10.	15.



**SAFETY (6 POINTS)** *HORSES AND HORSEMANSHIP BOOK, CHAPTER ELEVEN*

**Safety conscious riders do this before they ever mount up:**

- Pat their horse.
- Inspect their tack.
- Comb mane and tail.
- Listen to the radio.

**Sportsmanship is:**

- Teasing the other exhibitors when you win first place.
- Telling the judge they are stupid when you do not place.
- Hitting your horse while showing in the ring.
- Winning without bragging and losing without complaining.

**If you're not wearing these when you ride, you could become a real drag.**

- A cool t-shirt.
- A pair of chaps.
- A pair of riding boots.
- A cowboy hat.

**If you don't allow for this when working around your horse, you're at risk of having a close encounter of the dangerous kind.**

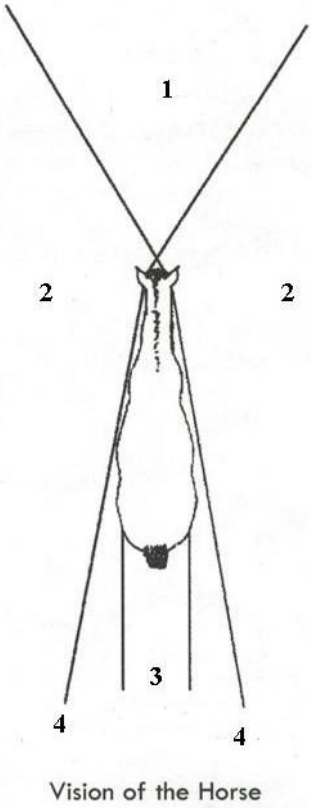
- A gentle pat for your horse.
- A safe amount of space for you and your horse.
- A relaxation break.
- Plenty of patience.

**Rowdy behavior and loud noise around your horse ...**

- Calms and relaxes your horse.
- Is fun!
- Will make your horse jumpy and nervous.
- Causes you to drown.

**While showing, observe safety and courtesy by:**

- Following the instructions of the judge and ringmaster.
- Respecting the rights of other exhibitors.
- Remaining calm, confident and collected.
- All of the above.



This diagram is commonly used to show the danger zone and safety zones for handling equines. Name the type of vision in each zone: *Picture from Horse Science Book, Chapter One*

1.	
2.	
3.	
4.	
What is monocular vision?	
Where does monocular vision allow the equine to see?	
What does monocular vision help the equine see?	
What is binocular vision?	
Where does binocular vision allow the equine to see?	
What does binocular vision help the equine see?	

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

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

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

**NATURAL RIDING AIDS-**List the four (4) natural aids and the purpose of each one.

*Horses and Horsemanship book, Chapter Five*

<b>1.</b>		
<b>2.</b>		
<b>3.</b>		
<b>4.</b>		

**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 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 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 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. 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 one element 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 12-15 YEAR OLD PROJECT BOOK SCORE CARD

RECORDKEEPING	Points Possible	Section Subtotal	Points Earned
Recordkeeping dates	2		
Rider Information	11	<b>13</b>	
<b>HORSE HEALTH</b>			
Vital Signs	3		
Coggin's Test Question	2		
Immunization Requirements Question	5		
Dental Care	2		
Tooth Sectional View Diagram	10		
Deworming	10		
Hoof Care	1		
Internal Hoof Diagram	11		
First Aid	19	<b>63</b>	
<b>NUTRITION</b>			
Digestion	17	<b>17</b>	
<b>EXPERIENCE/EDUCATION</b>			
Unsoundness or Blemish Diagram	30		
Safety Questions	6		
Vision Diagram	10		
Educational Experiences	8		
Four Natural riding aids	8		
Health & Care – neatness, creativity, accuracy, completion	20		
Handling & Safety – neatness, creativity, accuracy, completion	20		
Breeds & Disciplines – neatness, creativity, accuracy, completion	20		
Careers & Education – neatness, creativity, accuracy, completion	20		
Design & Create – neatness, creativity, accuracy, completion	20		
All <b>REQUIRED</b> signatures	3	<b>165</b>	
<b>PROJECT BOOK TOTAL</b> Must achieve 70% (169 pts.) or more in this section		<b>258</b>	
<b>OPTIONAL BONUS SECTION</b>			
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 in current 4H year 1 Pt per picture up to 5 pictures	5		
<b>EXCEPTIONAL</b> organization, creativity	10		
Extra Educational Experiences (5 pts. Each; Maximum of 15 pts)	15		
<b>Total possible bonus points awarded</b>	<b>45</b>		
<b>GRAND TOTAL FROM ALL SECTIONS</b>		<b>303</b>	

**Honorable Mention (ribbon) is awarded for Project Books receiving more than 264 points overall and only if ALL required elements are completed.**

A = 232-258

B = 206-231

C = 180-205

E = 0-179

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: