

Name _____

Club _____

Age _____ (as of January 1)

St. Joseph County 4-H Youth Program

Year 5

4-H Horse Science Project



Year 5 4-H Horse Science Project exhibit requirements are as follows:

- ❖ 4-H Horse Project Story and photographs.
- ❖ Stable record.
- ❖ Feeds and feeding.
- ❖ Diseases.
- ❖ Blemishes and unsoundness.
- ❖ Horse temperature, pulse and respiration.
- ❖ Up-to-date "Member's Personal 4-H Record". Bulletin is available at the MSU Extension office, 612 E. Main St., Centreville, Michigan.

Attention: Project materials must be exhibited in a three-ring binder notebook. Each consecutive year's Horse Science Project work should be added to the notebook, with labeled dividers placed between each year's work (i.e. Year 1, Year 2, Year 3, etc.). Member's name, birth date, address and phone number must be listed on inside front notebook cover.

Pictures of you and your horse

STABLE RECORD

Horse _____ Age _____ Weight _____
 Height _____ Normal pulse _____ temperature _____
 Respiration _____ Owner _____

DATE

worming							
tubed							
flu vaccine							
eastern/ western							
tetanus							
farrier							
rabies							
rhinomune							
coggins							
teeth floated							
other							

A. Feeds

List the six basic nutrients.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

Which two of the basic nutrients are considered the energy nutrients?

1. _____

2. _____

B. Define the following terms and give examples.

1. Fiber _____

2. Total digestible nutrients (TDN) _____

3. Digestible protein _____

4. Crude protein _____

5. Roughage _____

6. Concentrate _____

C. What are the two basic types of roughages?

1. _____

2. _____

What are some things to look for when determining quality of hay? _____

C. Give causes, symptoms, and treatment for the following diseases.

1. Strangles

2. Equine Encephalitis

3. Colic

4. Heaves

C. con't

5. Equine Influenza _____

D. Describe the following common unsoundness and/or blemishes.

1. Splint _____

2. Wind puff _____

3. Bowed tendon _____

4. Toe crack _____

5. Ring bone _____

D. con't-

6. Quarter crack _____

E. What is the normal temperature, pulse, and respiration for a horse and describe how each is taken.

F. Check your horses temperature, pulse, and respiration both at rest and after exercise and record them below.

Normal

After exercise

temperature _____

pulse _____

respiration _____

G. Personal Member Record Book.