St. Joseph County 4-H Youth Program

Year 7

4-H Horse Science Project

Year 7 4-H Horse Science Project exhibit requirements are as follows:

- 4-H Horse Project Story and photographs.
- Stable record.
- Natural aids.
- Nutrients.
- Conformation.
- 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.
Project Story

Write a story telling about you and your horse, and any special accomplishments and experiences during your project work this year.

If additional room is needed please use a separate sheet of paper.
Pictures of you and your horse
# STABLE RECORD

<table>
<thead>
<tr>
<th>Horse</th>
<th>Age</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>Normal pulse</td>
<td>temperature</td>
</tr>
<tr>
<td>Respiration</td>
<td>Owner</td>
<td></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>DATE</th>
<th>worming</th>
<th>tubed</th>
<th>flu vaccine</th>
<th>eastern/western</th>
<th>tetanus</th>
<th>farrier</th>
<th>rabies</th>
<th>rhinomune</th>
<th>coggins</th>
<th>teeth</th>
<th>floated</th>
<th>other</th>
</tr>
</thead>
<tbody>
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</table>
A. Natural Aids

1. Explain how each of the following affects movement.
   a. Hands
   b. Heels
   c. Legs
   d. Weight
   e. Back

2. Define Center of Motion, and Center of Gravity and describe their importance.
B. Tell what the three main functions of the hoof are.

1. 

2. 

3. 

C. List four common faults or defects in way of going. Describe the faults and any measures that might be used to correct or minimize the problem.

1. 

2. 

3. 

4. 


C. con't

3. ____________________________________________

___________________________________________

___________________________________________

___________________________________________

___________________________________________

4. ____________________________________________

___________________________________________

___________________________________________

___________________________________________

D. Give five reasons why you would shoe your horse.

1. __________________________________________

___________________________________________

2. __________________________________________
D. con't-

3. 

4. 

5. 

E. List the five types of nutrients that a horse requires. Briefly describe what each of these are used for.

1. 

2. 

3. 

4. 

5. 

F. Describe the desirable and undesirable features of the following horses. Explain how it would effect the horses way of going and performance.
1. Muscling

2. Back, loin, croup

3. Head & neck

4. Shoulder

5. Overall impression
1. muscling

2. Back, loin, croup

3. Head & neck

4. Shoulder

5. Overall impression
F. cont-

1. Muscling

2. Back, loin, croup

3. Head & neck

4. Shoulder

5. Overall impression
G. Members Personal Record Book.