St. Joseph County 4-H Youth Program

Year 6

4-H Horse Science Project

**Year 6** 4-H Horse Science Project exhibit requirements are as follows:

- 4-H Horse Project Story and photographs.
- Stable record.
- External parasites.
- Digestive system.
- Poisonous plants toxic to horses.

- 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.

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

Horse  
Age  
Weight  
Height  
Normal pulse  
temperature  
Respiration  
Owner  

<table>
<thead>
<tr>
<th>DATE</th>
</tr>
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<tbody>
<tr>
<td>worming</td>
</tr>
<tr>
<td>tubed</td>
</tr>
<tr>
<td>flu vaccine</td>
</tr>
<tr>
<td>eastern/western</td>
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<tr>
<td>tetanus</td>
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<tr>
<td>farrier</td>
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<tr>
<td>rabies</td>
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<tr>
<td>rhinomune</td>
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<tr>
<td>coggins</td>
</tr>
<tr>
<td>teeth</td>
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<tr>
<td>floated</td>
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<tr>
<td>other</td>
</tr>
</tbody>
</table>
A. Describe the following external parasites, explain life cycle and treatment.

1. Flies

2. Lice

3. Mites

4. Ticks

5. Ringworm
B. Explain the processing of hay through the digestive system of a horse, from mouth to manure. Show a diagram of the digestive system.
C. Explain the function of water with respect to a horse or pony.

D. Collect and press at least three plants known to be poisonous to horses. Identify the toxin contained and signs the horse may show if sufficient amounts were eaten.

E. Personal Member Record Book.