1. Match the following grains (on the left) with their descriptions (on the right). Draw a line from the grain to its description.

<table>
<thead>
<tr>
<th>Grain</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Oats</td>
<td>1. Susceptible to ergot fungus</td>
</tr>
<tr>
<td>B. Barley</td>
<td>2. Easy to digest; soft and easy to roll</td>
</tr>
<tr>
<td>C. Corn</td>
<td>3. Must be fed crimped or rolled</td>
</tr>
<tr>
<td>D. Wheat</td>
<td>4. Can be lethal when moldy</td>
</tr>
<tr>
<td>E. Rye</td>
<td>5. High in energy; expensive</td>
</tr>
</tbody>
</table>

2. Name three common protein supplements.
   1.
   2.
   3.

3. Name three common fat supplements.
   1.
   2.
   3.

4. When should you add a supplement to your horse's diet?
   __________________________
   __________________________
   __________________________
   __________________________

5. What are three things that you should do to ensure your horse stays healthy when the weather is cold?
   1.
   2.
   3.

6. What are four health problems that are common during the hotter months of the year?
   1.
   2.
   3.
   4.

7. What are three ways that you can prevent heat-related health problems?
   1.
   2.
   3.

8. Below are scenarios that depict health issues your horse may experience. Write a “Y” if you should call a veterinarian in the situation; write an “N” if you should not call a veterinarian.
   ______ Your horse has a temperature of 101 degrees Fahrenheit.
   ______ Your horse has a deep puncture wound.
   ______ Your horse appears to have a broken bone.
   ______ Your horse appears to be limping a bit.
   ______ Your horse has persistent diarrhea.
   ______ Your horse has a wound that appears to be infected.
9. Identify the following parts of the hoof. Write their names in the boxes.

10. Match the following unsoundnesses and/or conformation faults (on the left) to their definitions (on the right). Draw a line from the conformation fault/unsoundness to its definition.

A. Bone spavin
   1. Depression of the muscle mass in the shoulder caused by an injury to a nerve

B. Bog spavin
   2. Puffy condition in the hollow of the hock

C. Thoroughpin
   3. Soft filling of the natural depression on the inside and front of the hock

D. Calf-knees
   4. Knees that protrude too far forward when viewed from the side

E. Buck-knees
   5. Knees that break backward when viewed from the side

F. Sweeney
   6. Bony enlargement on the inside and front of the hock

11. How many permanent teeth do adult male horses have?

12. How many permanent teeth do adult female horses have?

13. Put the following teeth in order from youngest to oldest. Write the order in the space provided below.
14. What are two ways that you can test to see if your horse is dehydrated?

1. 
2. 

15. Briefly describe the following stable vices.

Cribbing:
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Wood chewing:
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Weaving:
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Stall walking:
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

16. What are five things that you can do to prevent a fire in your barn?

1. 
2. 
3. 

17. Below are four things you should do if a fire ever breaks out in your barn. Number them in order, with “1” as the first thing you should do and “4” as the last.

____ Open one door of the stable.
____ Save equipment from the stable (if it is safe to go in the barn).
____ Lead the horses out of the stable (if it is safe to go in the barn).
____ Call the fire department.

18. Rate the following plants on their level of toxicity to horses. Use the following ranking system:
5 = very high toxicity, 4 = high toxicity, 
3 = moderate toxicity, 2 = low toxicity, and 
1 = no toxicity.

____ Chokecherry
____ Nightshade
____ Yew
____ Foxglove
____ Bracken fern
____ Water hemlock
____ Elderberry
19. Below are various diseases. Circle the diseases that currently have a cure.

- West Nile virus
- Equine encephalomyelitis
- Rabies
- Tetanus
- Equine infectious anemia
- Equine influenza
- Potomac horse fever
- Strangles

20. Match the following diseases (on the left) to their descriptions (on the right). Draw a line from the disease to its description.

A. Tetanus 1. Contagious upper respiratory disease
B. Strangles 2. Caused by protozoa found in opossums
C. Influenza 3. Serious disease; also called "lockjaw"
D. Rabies 4. Mosquito-borne virus; causes encephalitis
E. EPM 5. Common viral respiratory disease
F. EIA 6. Seasonal disease; occurs mostly in summer
G. PHF 7. Rare disease; 100% fatal
H. West Nile 8. Also called “swamp fever;” no vaccine to prevent it

21. Identify the following parts of the horse's skeleton. Write their names below.

1. ____________
2. ____________
3. ____________
4. ____________
5. ____________
6. ____________
7. ____________
8. ____________
9. ____________
10. ____________
11. ____________
22. Briefly describe the following common hoof problems.

Thrush:

___________________________________________________

___________________________________________________

___________________________________________________

White line disease:

___________________________________________________

___________________________________________________

___________________________________________________

Sand cracks:

___________________________________________________

___________________________________________________

___________________________________________________

Laminitis:

___________________________________________________

___________________________________________________

___________________________________________________

Navicular disease:

___________________________________________________

___________________________________________________

___________________________________________________

23. Name the following boots and give an example of when you would use each type.

A. Name: ____________________________
   Use: ______________________________

B. Name: ____________________________
   Use: ______________________________

C. Name: ____________________________
   Use: ______________________________

D. Name: ____________________________
   Use: ______________________________

Congratulations! You have successfully completed Level 3 of the Knowledge Advancements!

__________________________
Name of Club Member

__________________________
Leader’s Signature: has satisfactorily completed all of the above knowledge elements and has, therefore, completed Level 3 of the Oregon 4-H Knowledge Advancements.

__________________________
Date Approved:
1. Explain how you can tell whether a horse’s halter is correctly adjusted and why an incorrectly adjusted halter is unsafe.

2. Describe the proper position for a longe whip at the following gaits while longeing your horse:

   1. Walk:
   2. Trot:
   3. Canter:

3. Why should you not use a lead rope to longe a colt?

4. Ask your club leader to watch you perform the following ground work elements and sign off that you perform them accurately and safely.

<table>
<thead>
<tr>
<th>Element</th>
<th>Date Completed</th>
<th>Leader's Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sidepass the correct number of steps (both directions)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perform a 360-degree forehand turn (both directions)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perform a 360-degree haunch turn (both directions)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead your horse from the off side at a trot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Back your horse around a cone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Work horse at all gaits on the longe line</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clip your horse</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Congratulations! You have successfully completed Level 3 of the Ground Work Advancements!

______

Name of Club Member

Leader’s Signature: ____________________ Date Approved: ______________

has satisfactorily completed all of the above ground work elements and has, therefore, completed Level 3 of the Oregon 4-H Ground Work Advancements.
### RIDING ADVANCEMENTS

#### Level 3

<table>
<thead>
<tr>
<th>Element</th>
<th>Date Completed</th>
<th>Leader’s Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pick up a jog/trot from a standing position (Dad Potter Step #6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pick up a canter/lope from halt (both leads)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perform a figure 8 at a canter/lope, executing an interrupted change of lead (Dad Potter Step #8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perform an interrupted change of lead on a straight line</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perform a figure 8 at a canter/lope, executing a flying change of lead</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perform two flying lead changes on a straight line (Dad Potter Step #10)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hand gallop (both directions)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perform a figure 8, executing a flying lead change, then continue on to 2 circles to the left/right, another lead change, then 2 circles in the other direction (Dad Potter Step #6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two track (both directions) (Dad Potter Step #5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Demonstrate collection at all gaits</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Ask your club leader to watch you perform the following riding elements and sign off that you perform them accurately and safely.

Congratulations! You have successfully completed Level 3 of the Riding Advancements!

___________________________ has satisfactorily completed all of the above riding elements and has, therefore, completed Level 3 of the Oregon 4-H Riding Advancements.

Leader’s Signature: ___________________________ Date Approved: ________________
**Level 3 Personal Development Advancements**

Members should complete at least two personal development options each year. Indicate the personal development options that you complete and ask your leader to sign off that you have completed them.

<table>
<thead>
<tr>
<th>Option</th>
<th>Date Completed</th>
<th>Leader’s Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serve as a club officer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serve as a teen leader</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Be a teen counselor at a 4-H camp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serve on a state planning committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serve as teen staff at State Fair</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Write a news story for a local newspaper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discuss preventative medicine with a veterinarian</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have a feed, soil, or fecal sample analyzed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Make an emergency plan for your barn</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conduct a safety inspection of your stall/barn</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interview a professional in a horse career</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Give a presentation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Create an educational display</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participate in a judging contest</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participate in a hippology contest</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participate in a horse bowl contest</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participate in your county fair</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participate in a community service project</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conduct a horse-related science inquiry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Congratulations! You have successfully completed Level 3 of the Personal Development Advancements!**

__________________________

*Name of Club Member*

has satisfactorily performed the required amount of personal development options listed above and has, therefore, completed Level 3 of the Oregon 4-H Personal Development Advancements.

Leader’s Signature: ___________________________ Date Approved: ________________