

Veterinary Science

Sonoma County 4-H

Name: _____ Date: _____

Guidelines for Project Proficiency Award

Beginner:

<u>Date</u>	<u>Leader's</u>
<u>Completed</u>	<u>Initials</u>

1. Name five behaviors that might be used to diagnose the presence of disease in an animal. _____
2. What is the normal body temperatures of the following animals.
Cattle _____ Dog _____ Goat _____ Sheep _____
Cat _____ Fowl _____ Swine _____ Horse _____
3. What is a pulse? Where do you take the pulse on cattle and horses. _____
4. Define respiration and be able to give the respiration rate of two large animals and two small animals. _____
5. Name three factors which should be considered when choosing, locating and constructing housing for your animal. _____
6. Name three instances in which cleanliness and disinfection are important and tell why. _____
7. What are the three main parts of a cell and what is the important job each one does? _____
8. Name the four basic tissues of the animal and give each of their functions. Give an example of each. _____
9. Define the term "organ system" and give five examples. _____
10. Explain the main difference between ruminant and monogastric animals. _____
11. What is a parasite? Identify the two main types of parasites and give two examples of each of three different species. _____
12. Describe the steps that are taken to test a fecal sample of an animal for internal parasites. _____
13. What is equine colic? What are some of its signs? _____
14. Define necropsy. Why does a veterinarian perform necropsy. _____
15. Define dystocia. Give three examples of dystocia. _____
16. Give an example of a situation in which a veterinarian might use an X-Ray machine. _____

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ACTIVITIES Complete at minimum of three of the following

Date
Completed

Leader's
Initials

1. Attend three seminars given by veterinarians. _____
2. Give a demonstration at County Presentation Day sharing your knowledge in veterinary science. _____
3. Take part and assist in a rabies vaccination clinic. (Many communities hold such clinics once or twice a year.) _____
4. Plan and follow through on a parasite control program for an animal you own. _____
5. Attend a field day event where some aspect of animal health is discussed. (This includes U. C. Davis Field Day) _____
6. Put together a display, poster, etc to enter in your local County Fair. _____

Project Leader's Signature of Completion: _____

Date: _____

Club Leader's Signature of Completion: _____

Date: _____