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| 1. Select a livestock animal. Create a vaccination program for that animal for the duration of their lifetime. Vaccination program should include frequency, age, name, and reason for vaccination | 2. Create a poster depicting the uses of animals in agriculture. Information to be included will be:  a. Pictures of each category of usage  b. A description, written in the students own words, of the different uses of animals.  c. A list of by-products derived from animals | 3. Create career cards for different jobs related to animal science. Each card should describe the role of that job. To personalize it, find an actual person that performs the job and make the card about him/her. Make a minimum of 10 cards. | 4. Select two zoonotic diseases of livestock animals. Discuss the roles of the county health department and livestock producers in preventing these  two diseases. |
| 5. An animal requires different nutrition at different stages of their lifecycle. Select a livestock animal and describe the feed requirements for each stage of its lifecycle. Include information about actual feed products that can be fed during each stage. | 6. Choose a livestock production system. Create an adventure story book for elementary school students about how animals are raised in this production system, the life and use of this animal. | 7. Create a poster informing students in the Ag Department about SAE’s they can do related to Animal Science. Write one page explaining your poster. | 8. Find 3 resources that make negative claims regarding the consumption/use of animal  agriculture products. Provide arguments why their information is faulty and misleading. You  must provide the actual resources that you use. Your arguments can be in any format: written,  powerpoint, poster, etc. |
| 9. Choose a livestock animal. Make a board game that describes the life and use of this animal. | 10. Compare and contrast appropriate and inappropriate methods for handling livestock animals. You may choose 1 species or multiple species. | 11. Write a minimum of two pages explaining the “perfect” animal production farm. Be sure to include examples, either fictional or personal. | 12. Choose a livestock animal. Include a collection of information about that animal. Information should include:   1. scientific classification 2. most popular breeds in the U.S. 3. Products from this animals 4. Industry organizations 5. Management practices 6. Terms(calf, etc) |
| 13. Many important events have happened throughout our history that have made a significant impact on animal science. Write two pages or create a timeline discussing the importance of significant changes to the animal science industry. | 14. Take a virtual tour of an animal production facility. Describe the practices of this facility. | 15. Create a resume describing the skills you have acquired through your participation in Veterinary/Animal Science pathway | 16. Research 3 colleges with an Animal Science program. Write a paper or brochure describing the opportunities for each college. |