**Animal Science Study Guide**

Be able to do the following:

1. Identify the products that beef cattle provide for consumers.
2. Identify the products that sheep provide for consumers.
3. Recall the name for the birthing process of goats.
4. Identify the functions used when selecting breeding animals.
5. Identify the breed of dairy cattle that produces milk high in butter fat and protein.
6. Name the process where milk is heated and then cooled to kill harmful organisms.
7. Identify the beef production method(s) used in the beef cattle industry.
8. Be able to interpret the amount of money received from selling an animal. Also, be able to determine the appropriate weight of certain animals from a given reading. (refer to beef cattle worksheet)
9. Identify the main purpose of the meat animal industry.
10. Explain the selection difference for market animals and breeding animals.
11. Construct a definition for animal science.
12. Connect how gestation and lactation are important in the animal industry.

 (Open Response)

Recently in class you learned about different livestock animals. Pick one livestock animal that you have or wish that you had. How will you produce your animal or which method would you use? What type of products does your animal produce? How is your animal important to humans? Create a way that you can market your animal to meet consumers’ wants and needs.