



**NEBRASKA**  
AGRICULTURE ACADEMY



**Course Title:** Animal Science

**Teacher:** Miss Zimmer

**Contact Information:** bzimmer@neagacademy.com

### **Course Description and Goals:**

This course focuses on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal systems career. Topics include introduction to animal science, animal reproduction, animal nutrition, animal science issues, animal evaluation, and career opportunities. Classroom and laboratory activities are supplemented through supervised agricultural experiences and FFA leadership programs & activities. Google Classroom code: q4ch7db

### **Assignments & Grading**

Class will be held every Wednesday at 2:32 PM via the Google Meet link available in Google Classroom. Materials for the week will be posted every Wednesday at 2:32 PM and will be due the following Tuesday at 11:59pm. Grades from the previous week will be posted by the end of the day the Wednesday after assignments are due.

Students are expected to participate in and complete the following competitions & projects as a part of their grade at the end of the following units:

- Unit 1: Animal Science Career Poster
- Unit 2: Industry Timeline
- Unit 3: Battle of the Breeds
- Unit 4: Jerky Processing
- Unit 5: Livestock Judging
- Unit 6: Artificial Insemination Lab
- Unit 7: Small Animal Welfare Special Topic

### **Assessments**

At the end of each unit, a check for understanding quiz will be posted in Google Classroom. These quizzes must be done independently, but each student may use their notes and may take the quiz as many times as they wish with the highest grade recorded. The check for understanding quiz will be posted on the Tuesday of the last week and will be due the following Tuesday at 11:59 PM.

### **Late Work:**

In the event that class work is more than two weeks overdue, the highest grade a student can receive is a 70% on that week.

### **Classroom Expectations and Procedures:**

- Come to class prepared (Charged chromebook, pencil, paper, etc.)
- Respect one another



- Listen wholeheartedly when others are speaking
- Speak with good purpose
- Be accountable for your actions
- Learn from failure

**Beginning of Class:**

- Place phones in backpack (No tolerance policy)
- Find your seat, take out supplies needed for class (CHARGED COMPUTER, pencil, etc.)
- When finished, sit quietly and wait for further instructions.

**End of Class:**

- Clean up your area (paper on floor around you, your supplies, put extension cords away, etc.)
- Sit IN seat until the bell rings. **DO NOT LINE UP AT THE DOOR!!!!**
- Push in your chair and leave the room quietly

<b>Unit</b>	<b>Pacing</b>
Unit 1: Careers in Animal Science	1 Week <i>August 21st - August 27th</i>
Unit 2: Terminology / History	2 Weeks <i>August 28th - September 10th</i>
Unit 3: Breeds	2 Weeks <i>September 11th - September 24th</i>
Unit 4: Meats	2 Weeks <i>September 25th - October 8th</i>
Unit 5: Livestock Selection	3 Weeks <i>October 9th - October 29th</i>
Unit 6: Genetics & Breeding	2 Weeks <i>October 30th - November 12</i>
Unit 7: Nutrition	2 Weeks November 13th - November 26th
No Formal Class Thanksgiving Week - November 27th - December 3rd Optional assignment will be posted in Google Classroom Monday morning	
Unit 8: Small Animal Welfare	2 Weeks <i>December 4th - December 17th</i> <i>Present Final Project on December 18th</i>