



## **Animal Science I**

**Mr. Jolley - C144**

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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 science career major. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities, and animal evaluation. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, mentorship, school-based enterprise, service learning, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.

- Pencils/Pens (Blue or Black ink only)
- Notebook Paper
- 1 ½ inch 3-ring binder
- Chromebook

All agriculture classes at Cuthbertson High School are focused around the three-circle model of Agricultural Education. The three circles include: classroom instruction, FFA, and Supervised Agricultural Experience (SAE). Classroom instruction will provide a foundation of knowledge on the course content along with many opportunities for hands-on experience to apply what is being taught. Secondly, the FFA is a National Organization that provides opportunities for leadership experience, community service, competitions in various agricultural areas, and much more. Finally, SAE projects are unique to Agricultural Education. These projects allow students to take what is learned in the classroom setting and apply that knowledge to real-world scenarios. Many different career options can also be explored while conducting SAE's.

NCDPI has mandated this course begin measuring proficiency through Performance Based Measurements (PBMs). At this time, PBMs and Teacher Made exams are to be completed at the end of each semester. The PBM will be completed throughout the semester and students will be responsible for uploading their evidence (assignments) for the PBM portfolio.

**A. Leadership and SAE**

**B. Animal Evaluation**

**C. Animal Agriculture & Management**

**D. Animal Physiology**

(The complete course blueprint is available on the NCDPI website.)

- Unit tests will be given. Students will be informed of test dates ahead of time.
- Students will have multiple assignments and quizzes throughout each grading period.
- Students will conduct an SAE project. Instructions will be given in class. Minimum of 25 hours due May 25th.

Tests/ Class Projects= 40%

SAE Project=20%

Quizzes= 15%

Classroom Participation= 15%

Classwork/Homework= 10%

The app Remind 101 will be used to communicate with both students and parents via text message. To subscribe, text @c9g6ha to 81010