**Animal Science I**

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| **Course Description** |

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, animal husbandry, 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 (NCDPI).

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| **Course Materials** |

* Pencils/Pens (Blue or Black ink only)
* Notebook Paper
* 1 ½ inch 3-ring binder
* Tab dividers labeled: Warm ups, Notes, Graded Work
* Colored Pencils/Markers
* Animal Science I- Course Pack (Guided Notes for the whole semester)

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| **Instructional Philosophy** |

All agriculture classes at Weddington 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.

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| **Course Standards** |

1. **Leadership and Supervised Agricultural Experience**
2. **Animal Evaluation**
3. **Animal Agriculture and Management**
4. **Animal Physiology**

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

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| **Major Course Projects and Assignments** |

* Unit tests will be given. Students will be informed of test dates ahead of time.
* Students will have Moodle quizzes. All Moodle quizzes are due the day of the unit test.
* Various labs will be conducted throughout the semester.
* Students will conduct an SAE project. Instructions will be given in class.

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| **Assessment and Grading Plan** |

Tests/ Class Projects= 40%

SAE Project=20%

Quizzes= 15%

Participation= 15%

Classwork/Homework= 10%

Tutoring is available Monday afternoons from 3:00-4:00 or by appointment.

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**I have read and understand the syllabus for Animal Science I**

Student Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Email Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_