Clements High School

Advanced Animal Science – 1 credit

**Course Content:** Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.

* Field and Laboratory Investigations
* Scientific Methods and Equipment
* Academic Skills
* Policies and Issues
* Principles - Human, Scientific, and Technological Dimensions
* Principles – Reproduction and Breeding
* Principles – Molecular Genetics and Heredity
* Anatomy and Physiology
* Nutritional Requirements of Ruminant and Non-Ruminant
* Animal Diseases and Parasites
* Growth of Organisms
* Livestock Harvesting Operations
* Marketing Livestock
* Supervised Agriculture Experience Program

Students will be required to keep an interactive binder throughout the year. There will be various notebook checks throughout the nine weeks before it is taken for a major grade.

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**FFA Kick Off: August 27th @ 6 pm in the Ag Shop**

**First FFA Information Meeting: September 17th @6 pm in the Ag Shop**

**Parents are encouraged and recommended to come to both!**

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[Lily.Saenz@fortbendisd.gov](mailto:Lily.Saenz@fortbendisd.gov)

**Conference**: 7th period

**Tutorials:** Tuesday and Thursday 6:45 am – 7:15 am

Please email if you need a different day/time, I will work with you as best as I can.

**Grading**: 50% Major (at least 3) Projects, Arrangements, Tests, Interactive Notebook

50% Daily (at least 6) Classwork, Activities, Quizzes, Flower of the Day

**Late work:** 1 day late – Students can receive up to a 80

2 days late – Students can receive up to a 70

After 2 days it is a zero.

**Materials**: Composition Notebook

Pens/Pencils

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**Technology**

Schoologywill be used in Advanced Animal Science for assignments and class communication.

**No phones, smartwatches, headphones, personal computers or any other personal communication devices**

All personal electronics must be OFF and in your backpack from 7:20am – 2:50pm.

Devices should not be on your person during school hours.

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* Turn in quality work – class time will be used for all assignments, so use it to the best of your ability and let us get to know your talents!
* Be respectful – whether a teacher, a classmate, yourself, or a guest - if someone is speaking to the class, we will provide a courteous audience while being respectful of technology.
* Always Do the Right Thing – and respect others the way you would like to be treated.
* Take pride in your work area – clean up after yourself and lend a hand to your classmates if anyone needs help.
* Be engaged in class by always having a great attitude and participating in all your unique opportunities to learn every day.

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**Communication**

Communication is essential for student success. To help keep communication open between teacher and parent/guardian, I will be using multiple methods to share important information and updates. Students will use Schoology to manage their assignments and course materials.

While email is my preferred method of communication, I believe that any communication is good communication. I am requesting a parent or guardian’s email address and the best phone number for contact. Please also indicate whether the phone number provided is a cell, work, or home number.

Your partnership is important, and I appreciate your support in staying connected throughout the school year.

**Information**

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

Parent/Guardian Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Phone Number:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Allergies: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please take a moment to review this syllabus and its contents with your student. Open communication is encouraged, so feel free to reach out with any questions or comments at any appropriate time. My door is always open to my students, and I’m here to support their success.

I’m looking forward to a great school year!

**Acknowledgment**  
I have read and understood the expectations outlined in this syllabus and agree to uphold them.

Student Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Name (please print):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Name (please print):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_