



# WILDCATS

Union R-XI School District

**Course Title: Principles of Ag Science-Animals****Course Purpose:**

If you enjoyed learning about animals in Ag Science I then get ready for an advanced class full of hands-on labs and activities used to explore the world of animal agriculture. Animal Science focuses on the anatomy, physiology, reproduction, nutrition, health and selection of production animals. Activities include creating models of production operations, dissecting animals/ reproductive tracts, a biosecurity lab where bacteria is grown, determining a feed's nutrient level by setting it on fire, creating a "feed ration" trail mix or using roly polly's to determine basic animal behaviors. These labs are used to help students solve problems similar to those that veterinarians, zoologists or livestock producers face every day. Students will be required to continue their SAE programs and are encouraged to become members of the Union FFA Chapter.

**Course Outcomes**

Outcome/Unit 1	
Outcome/Unit 2	
Outcome/Unit 3	
Outcome/Unit 4	
Outcome/Unit 5	
Outcome/Unit 6	
Outcome/Unit 7	
Outcome/Unit 8	
Outcome/Unit 9	

List of Resources Used in this Course:

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