

# Ganado Unified School District (Animal Science 12<sup>th</sup> Grade)

## PACING Guide SY 2018-2019

Timeline & Resources	Common Core Standards or AZ Standards	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
Week 1:	Class review/ Student Handbook			
Week 2:	SAE/AET	What is Supervised Ag. Experience? What is Ag. Experience Tracker?	I will summarize SAE and AET	SAE, AET
Week 3:	FFA	What is FF?	I will summarize FFA and its History.	
Week 4:	Leadership Styles	What is means to be a leader?	I will summarize the different roles of leadership and its roles.	
Week 5:	Animal Anatomy	What animal anatomy?	I will summarize animal anatomy and their body parts.	
Week 6:	“ “			
Week 7:	Animal Health	What is animal health?	I will summarize animal health and diseases. Discuss the different types of animal disease and how to prevent them.	
Week 8:	“ “			
Week 9:	“ “			
Week 10:	Health Status	What is animal health and how to keep animals healthy?	I will summarize animal health status. Discuss the different types of injections site, vaccines, and medicines.	Intramusclar, sub-cutaneous, Intravainous, Intradermal,
Week 11:	“ “			
Week 12:	“ “			
Week 13:	Reproductive cycle	Why is reproduction important?	I will summarize the reproductive cycle.	Estrus, estrous, gestation, FSH, LH, Corpus Luthem, Hypothalmas, estrogen, testosterone, progesterone, androgen binding proteins,

				inhibin, Artificial insemination, etc.
Week 14:	“ “			
Week 15:	“ “			
Week 16:	Breeding Program	Why is breeding and genetics important?	I will summarize the importance of why a breeding program is important.	Genotype, phenotype, dominant and recessive genes, Punnett square,
Week 17:	“ “			
Week 18:	“ “			
Week 19:	SAE/AET	What is SAE and AET?	I will summarize and reflect SAE and AET.	SAE, AET
Week 20:	Communication Skills	Why is communication skills important?	I will summarize the importance of communication skills	
Week 21:	Nutrition Requirements	What are some nutrition requirements in livestock animals?	I will summarize the importance of nutrition requirement in beef cattle, equine, ovine, porcine, small and large animal.	
Week 22:	“ “			
Week 23:	Feeding Program	Why		
Week 24:	“ “			
Week 25:	“ “			
Week 26:	Animal Safety			
Week 27:	“ “			
Week 28:	Livestock Quality Assurance	What is LQA? How does it benefit the consumer?	I will summarize the importance of a livestock quality assurance and why meat is important to the consumer.	Injection lesions,
Week 29:	“ “			
Week 30:	“ “			
Week 31:	Animals Performance	Why is animal performance is important? Why nutrition is important in animals performance?	I will summarize the importance of animals performance.	Electrolytes,
Week 32:	“ “			
Week 33:	“ “			
Week 34:	Facility Construction	Why is facility construction important?	I will summarize the importance of facility construction	
Week 35:	“ “			
Week 36:	“ “			

Week 37:	SAE/AET			
Week 38:	Course Review			

