Plan/Class	Adv Animal Science
Start Date	8/23
End Date	8/27
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	1 st Day Procedures	Lab Safety		Lab Safety Test	Leadership Friday
Objective:	We will introduce each other and complete first day procedures	We will discuss lab safety.		We will take the lab safety test.	We will discuss leadership opportunities in agriculture.
Materials:	1 st day handouts	Safety rules Scenarios		Test	Paper bags with snacks
Bell Work					
Procedure:		We will go over lab safety. Students will act out safety scenarios.		Students will complete lab safety test.	Random students will open up bags and read what is inside, we will discuss how it related to Ag and opportunities
(Lesson Details)					through the FFA
TEKS Correlation:		1AB		1AB	15ABCDE
Assessment:		Participation		Test	
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	8/30
End Date	9/3
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Nature of Science	Scientific Method	•	Scientific Method	Current Events
Objective:	We will discuss the nature of science.	We will discuss the scientific method.		We will apply the scientific method.	We will research and discuss current events in the food industry.
Materials:	Notes	Notes		paper	Student current events.
Bell Work					TAKS Question
Procedure: (Lesson Details)	What is science? We will define some key terms used in science.	Identify and discuss the scientific method.		Students will choose a question and mock out the process of how to answer it using the scientific method.	Students will bring their completed current event to class. They will discuss their article with their group. Present information to the class.
TEKS Correlation:	b2345	2ABCD		2ABCD	3ABCDE
Assessment:	Participation	Participation		Mock Lab	
Modifications:	As specified in IEP				—
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	9/6
End Date	9/10
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Labor Day	History of Science	History of Science		Leadership Friday
Objective:		We will discuss histo persons in science.	We will discuss historical events and persons in science.		We will discuss various SAEP opportunities.
Materials:		Notes computers			
Bell Work					Brain teaser
Procedure: (Lesson Details)			Go over a science timeline. Research a famous scientist.		Discuss different types of SAEPs and why everyone must have one.
TEKS Correlation:		3F	3F		15ABCDE
Assessment:		Parti	Participation		Participation
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	9/13
End Date	9/17
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	What are cells?	Parts of an animal cell		Compare Cells	Compare Cells
Objective:	We will discuss what a cell consist of.	We will identify the parts of an animal cell.		We will compare cells from different areas.	We will compare cells from different areas.
Materials:	Notes	Coloring sheets		Slides of various cells	Slides of various cells
Bell Work					
Procedure: (Lesson Details)	Finish Presentations. Notes over cells.	We will name, color and describe the function of the parts of the animal cell.		We will look at various cells under the microscope and compare them.	We will look at various cells under the microscope and compare them.
TEKS Correlation:	11A	11A		11A	11A
Assessment:	Q&A	Coloring sheet		Worksheet	Worksheet
Modifications:	As specified in IEP				•
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	9/20
End Date	9/24
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Recordbook Monday	Cell Differentiation		Growth - Mitosis	Growth - Meiosis
Objective:	We will record information pertaining to student SAE's/	•		We will describe the process of mitosis.	We will describe the process of meiosis.
Materials:	Computer Lab	United streaming video		Notes Foldable	Notes Foldable
Bell Work					
Procedure: (Lesson Details)	Create and work on recordbook.	Watch and discuss video.		We will discuss the steps of mitosis and put the in a foldable.	We will discuss the steps of meiosis and put the in a foldable.
TEKS Correlation:	11A-E	11B		11B	11B
Assessment:	Q&A	Discussion		Foldable	Foldable
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	9/27
End Date	10/1
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Mitosis/Meiosis	Levels of Organization	n	Review Cells	Test Cells
Objective:	We will compare and contrast mitosis/meiosis	We will describe levels of organization		We will review cells.	We will test over cells.
Materials:	paper	Levels of organizatio	n game.	review	Test
Bell Work					
Procedure: (Lesson Details)	Students will use notes to compare and contrast mitosis and meiosis.	Discuss the levels of organization. Play game where students move through the levels of organization.		Review	Test
TEKS Correlation:	11AB	11C		11ABC	11ABC
Assessment:	Comparison	Parti	Participation		Test
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	10/4
End Date	10/8
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Recordbook Monday	External Anatomy		External Anatomy	Leadership Friday
Objective:	We will record information pertaining to student SAE's/	We will identify and compare the external anatomy of various livestock species.		We will identify and compare the external anatomy of various livestock species.	
Materials:	Computer Lab	Pictures with labels		Pictures with labels	
Bell Work					Brain Teaser
Procedure: (Lesson Details)	Create and work on recordbook.	Students will label external anatomy. Discuss differences.		Students will label external anatomy. Discuss differences.	
TEKS Correlation:	15	8A		8A	11A-E
Assessment:		Participation		Participation	Participation
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	10/11
End Date	10/15
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Skeletal System	Muscular System	-	Circulatory System	Respiratory System
Objective:	We will discuss systems on the body.	We will discuss syste	We will discuss systems on the body.		We will discuss systems on the body.
Materials:	Notes Specimens	Notes Specimens		Notes Specimens	Notes Specimens
Bell Work					
Procedure: (Lesson Details)	Take notes and discuss skeletal system.	Take notes and discuss muscular system.		Take notes and discuss circulatory system.	Take notes and discuss circulatory system.
TEKS Correlation:	8B	8B		8B	8B
Assessment:	Q&A	Participation		Q&A	Participation
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	10/18
End Date	10/22
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Recordbook Monday	Nervous System		Urinary System	Early release
Objective:	We will record information pertaining to student SAE's/	We will discuss systems on the body.		We will discuss systems on the body.	
Materials:	Computer Lab	Notes Specimens		Notes Specimens	
Bell Work					
Procedure: (Lesson Details)	Create and work on recordbook.	Take notes and discuss nervous system.		Take notes and discuss urinary system.	
TEKS Correlation:	15	8B		8B	
Assessment:		Participation		Turn in anatomy notes for grade	
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	10/25
End Date	10/29
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Anatomy	Anatomy		Anatomy Review - SUB	Anatomy Test - SUB
Objective:	We will complete anatomy notes	We will complete an	We will complete anatomy notes		Test over animal anatomy
Materials:	Notes	Notes		Review sheet	Test
Bell Work					
Procedure:	Finish notes over	Finish notes over a	anatomy.	Complete review	Complete test
(Lesson Details)	anatomy.				
TEKS Correlation:	8A-D	8A-D		8A-D	8A-D
Assessment:		Participation		Review	Test
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	11/1
End Date	11/5
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Parent Conference	Pig Dissections		Pig Dissections	Pig Dissections
Objective:		Compare systems		Compare systems	Compare systems
Materials:		Pigs Dissection tools	Pigs		Pigs Dissection tools
Bell Work					
Procedure: (Lesson Details)		Follow handout to dissect pigs		Follow handout to dissect pigs	Follow handout to dissect pigs
TEKS Correlation:		8A-D		8A-D	8A-D
Assessment:		Participation		Participation	Participation
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	11/8
End Date	11/12
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Recordbook Monday	Anatomy Review	-	Anatomy Test	Leadership Friday
Objective:	We will record information pertaining to student SAE's/	TSW review anatomy		TSW test over anatomy	TSW discuss bullying.
Materials:	Computer Lab	review		test	video
Bell Work					
Procedure:	Create and work on recordbook.	Complete review		Anatomy test	We will discuss bullying in regards to leadership.
(Lesson Details)				Define repro terms	
TEKS Correlation:	2ABCD	8A-D		8A-D	2abcd
Assessment:		re\	view	Test	Participation
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	11/15
End Date	11/18
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Reproduction Terms	Reproduction	Reproduction		Reproduction
Objective:	We will define reproduction terms	TSW discuss reproduction in animals		TSW identify parts in the female reproductive system	TSW identify parts in the male reproductive system
Materials:	Ag Dictionaries	PowerPoint Video			Diagram
Bell Work					
Procedure: (Lesson Details)	Add words to dictionaries	Take notes Discuss		Color and Identify parts	Color and Identify parts
TEKS Correlation:					
Assessment:	Dictionary	Part	icipation	Diagram	Diagram
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	12/6
End Date	12/10
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Breeding Systems	Breeding Technologi	Breeding Technologies		Breeding Technologies
Objective:	We will discuss breeding systems	TSW research and present different breeding technologies		TSW research and present different breeding technologies	TSW research and present different breeding technologies
Materials:	Powerpoint	Computer Lab Assignment sheet		Computer Lab Assignment sheet	Computer Lab Assignment sheet
Bell Work				_	
Procedure: (Lesson Details)	Take notes		Students will work in groups to create a project discussing a breeding technology.		Students will work in groups to create a project discussing a breeding technology.
TEKS Correlation:					
Assessment:	Q&A	Parti	cipation	Participation	Project Presentation
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	12/6
End Date	12/10
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Genetics	Genetics		Genetics	Reproduction and Genetics Review
Objective:	We will define genetics terms	TSW review genetic principles and calculate genetic ratios.		TSW review genetic principles and calculate genetic ratios.	TSW review over reproduction and genetics.
Materials:	Ag Dictionary	PowerPoint Genetics Problems		PowerPoint Genetics Problems	review
Bell Work					
Procedure: (Lesson Details)	Add genetics terms to dictionary.	We will review genetic principles. Work out genetics problems		We will review genetic principles. Work out genetics problems	review
TEKS Correlation:	7ABEF	7ABEF		7ABEF	7ABEF
Assessment:	Dictionary Terms	Problems		Problems	review
Modifications:	As specified in IEP				——
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	12/13
End Date	12/17
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Recordbook Monday	Reproduction and Ge	enetics Test	•	Leadership Friday
Objective:	We will record information pertaining to student SAE's/	TSW test over reproduction and genetics.		TSW explore the different opportunities in the AFNR cluster.	
Materials:	Computer Lab	test			Stations
Bell Work					
Procedure: (Lesson Details)	Create and work on recordbook.	test			Students will move through different stations to learn about the various courses offered.
TEKS Correlation:	15	7ABEF			
Assessment:		1	est		Participation
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	1/4
End Date	1/7
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Review Week				-
Objective:					
Materials:					
Bell Work					
Procedure:					
(Lesson Details)					
TEKS					
Correlation:					
Assessment:					
Modifications:	As specified in IEP				→
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	1/10
End Date	1/14
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Review/Final Week	•		•	•
Objective:					
Materials:					
Bell Work					
Procedure:					
(Lesson Details)					
TEKS					
Correlation:					
Assessment:					
Modifications:	As specified in IEP				-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	1/18
End Date	1/21
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:		Nutrition Terms		Digestive Systems	Digestive Systems
Objective:		TSW define nutrition terms.		TWS compare animal digestive systems.	TWS compare animal digestive systems.
Materials:		Ag Dictionary		Notes	Notes
Bell Work					
Procedure: (Lesson Details)		Add nutrition terms to Ag Dictionaries		Take notes and compare the different livestock digestive systems.	Take notes and compare the different livestock digestive systems.
TEKS Correlation:		9A-F		9A-F	9A-F
Assessment:		Dictionary		Notes	Notes
Modifications:					
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	1/24
End Date	1/28
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Recordbook Monday	Basic Nutrition		Types of Feed	Types of Feed
Objective:	We will record information pertaining to student SAE's/	TSW discuss basic livestock nutrition.		TWS discuss the types of feed.	TWS discuss the types of feed.
Materials:	Computer Lab	Notes – Feed and Nutrient Notes Feed Tags		Notes Posters	Notes Posters
Bell Work					
Procedure: (Lesson Details)	Create and work on recordbook.	Take notes over animal nutrition. Look at feed tags		Each group will present a type of feed to the class.	Each group will present a type of feed to the class.
		Quiz			
TEKS Correlation:	15	9A-F		9A-F	9A-F
Assessment:		Quiz		Posters	Posters
Modifications:					-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	1/31
End Date	2/4
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Supplements and Additives	Diets and Rations		Diets and Rations	Feed Quality
Objective:	TSW identify supplements and additives in livestock feed.	TSW discuss and calculate diets and rations for livestock.		TSW discuss and calculate diets and rations for livestock.	TWS discuss feed quality and its effect on animal health
Materials:	Notes	Notes Scenarios Ration Calculation Sheets		Notes Scenarios Ration Calculation Sheets	Notes Popcorn (fresh and stale)
Bell Work					
	Take notes. Quiz	Take notes over ratios and feed requirements.		Take notes over ratios and feed requirements.	Discuss importance of feed quality.
Procedure: (Lesson Details)		Complete scenario sheet Calculate feed rations.		Complete scenario sheet	Demonstration: fresh popcorn vs stale popcorn lab
				Calculate feed rations.	
TEKS Correlation:	9A-F	9A-F		9A-F	9A-F
Assessment:	Quiz	Scenarios Feed Calculations		Scenarios Feed Calculations	Lab Questions
Modifications:					-
Textbook Resources:					

Plan/Class	Adv Animal Science
Start Date	2/7
End Date	2/11
Teacher	
Notes	

Field	Monday	Tuesday	Wednesday	Thursday	Friday
Activity Title:	Recordbook Monday	Nutrition Review		Nutrition Test	Leadership Friday
Objective:	We will record information pertaining to student SAE's/	TSW review nutrition.		TSW test over nutrition.	TSW explore the different opportunities in the AFNR cluster.
Materials:	Computer Lab	Review Sheet		Test	Stations
Bell Work					
Procedure: (Lesson Details)	Create and work on recordbook.	Work on review		test	Students will move through different stations to learn about the various courses offered.
TEKS Correlation:	15	9A-F		9A-F	
Assessment:		Review		Test	Participation
Modifications:					-
Textbook Resources:					