



Lesson Plans for Agricultural Education - Mr. Igo

For the week of: October 15-19, 2018

NILE Sales & Livestock - Billings		1/2 DAY - Periods 1-4		NO SCHOOL - MEA CONFERENCE	
Monday		Tuesday		Thursday	
Wednesday		Friday			
AgEd I	History of US Agriculture	History of US Agriculture	History of US Agriculture		
Objectives	1. Students will identify segments of the US Ag industry 2. Students will describe the significance of agriculture in US history	1. Students will identify segments of the US Ag industry 2. Students will describe the significance of agriculture in US history	1. Students will identify segments of the US Ag industry 2. Students will describe the significance of agriculture in US history		
Activities	Ag History 1900-Present slides with guided notes	Ag History 1900-Present slides with guided notes	Ag History 1900-Present slides with guided notes		
Assessment	Formative: Time on task, reflection Summative: handout, unit quiz	Formative: Time on task, reflection Summative: handout, unit quiz	Formative: Time on task, reflection Summative: handout, unit quiz		
AFNR Standards	AS.01.01.01a, AS.01.01.01b	AS.01.01.01a, AS.01.01.01b	AS.01.01.01a, AS.01.01.01b		
Common Core	English 11-12.RI.-2	English 11-12.RI.-2	English 11-12.RI.-2		
AgEd II	Range Sites and Trends	Range Sites and Trends	Range Sites and Trends		
Objectives	1. Students will describe different ecological sites 2. Students will identify factors that affect ecological sites	1. Students will describe different ecological sites 2. Students will identify factors that affect ecological sites	1. Students will describe different ecological sites 2. Students will identify factors that affect ecological sites		
Activities		Similarity index and soil texturing lab in class	Similarity index and soil texturing lab in class		
Assessment	Formative: discussion, check for understanding Summative: notes, unit test, range plant collections	Formative: discussion, check for understanding Summative: notes, unit test, range plant collections	Formative: discussion, check for understanding Summative: notes, unit test, range plant collections		
AFNR Standards	PS.01.01.01a, PS.01.01.01b, PS.01.01.01c	PS.01.01.01a, PS.01.01.01b, PS.01.01.01c	PS.01.01.01a, PS.01.01.01b, PS.01.01.01c		
Common Core	11-12.SL.2.6, 9-12HS.PS.2.6, 9-12HS.LS.4.1	11-12.SL.2.6, 9-12HS.PS.2.6, 9-12HS.LS.4.1	11-12.SL.2.6, 9-12HS.PS.2.6, 9-12HS.LS.4.1		
AgEd III	Biotechnology	Biotechnology	Biotechnology		
Objectives	1. Students will identify applications of biotechnology 2. Students will describe how transgenic organisms are created	1. Students will identify applications of biotechnology 2. Students will describe how transgenic organisms are created	1. Students will identify applications of biotechnology 2. Students will describe how transgenic organisms are created		
Activities	Harvest of Fear film with note sheet	Animal Biotech slides with guided notes	Animal Biotech slides with guided notes		
Assessment	Formative: participation, discussion Summative: lab sheets, unit test	Formative: participation, discussion Summative: lab sheets, unit test	Formative: participation, discussion Summative: lab sheets, unit test		
AFNR Standards	PST.05.03.02a, PST.05.03.02b	PST.05.03.02a, PST.05.03.02b	PST.05.03.02a, PST.05.03.02b		
Common Core	11-12.RST.1.2, 9-12HS.PS.4.2	11-12.RST.1.2, 9-12HS.PS.4.2	11-12.RST.1.2, 9-12HS.PS.4.2		
Natural Res.	Wildlife Management	Wildlife Management			
Objectives	1. Students will describe factors affecting species extinction 2. Students will identify threatened and endangered species	1. Students will describe factors affecting species extinction 2. Students will identify threatened and endangered species			
Activities	Endangered species reports on Google Classroom	Intro to Wildlife Management slides with guided notes			
Assessment	Formative: discussion, check for understanding Summative: note handout, lab sheets, unit test	Formative: discussion, check for understanding Summative: note handout, lab sheets, unit test			
AFNR Standards	PS.01.01.01a, PS.01.01.01b, PS.01.01.01c	PS.01.01.01a, PS.01.01.01b, PS.01.01.01c			
Common Core	11-12.SL.2.6, 9-12HS.PS.2.6, 9-12HS.LS.4.1	11-12.SL.2.6, 9-12HS.PS.2.6, 9-12HS.LS.4.1			
Welding	Intro to Shield Metal Arc Welding	Intro to Shield Metal Arc Welding			
Objectives	1. Students will utilize SMAW processes 2. Students will demonstrate safe shop procedures	1. Students will utilize SMAW processes 2. Students will demonstrate safe shop procedures			
Activities	Module 6 Lab Sheets in shop	Module 6 Lab Sheets in shop			
Assessment	Formative: time on task, participation Summative: job sheet, unit test	Formative: time on task, participation Summative: job sheet, unit test			
AFNR Standards	PST.04.04.07a	PST.04.04.07a			
Common Core	11-12.SL.2.6, 9-12HS.PS.2.6	11-12.SL.2.6, 9-12HS.PS.2.6			