



Lesson Plans for Agricultural Education - Mr. Igo

For the week of: September 24-28, 2018

		Ruby Valley Invitational - Sheridan				
		Monday	Tuesday	Wednesday	Thursday	Friday
AgEd I	Livestock Evaluation	Livestock Evaluation				
Objectives	1. Students will describe animals using correct terminology 2. Students will identify carcass and breeding traits of livestock	1. Students will describe animals using correct terminology 2. Students will identify carcass and breeding traits of livestock				
Activities	Sheep Judging slides with guided notes	Sheep Judging slides with guided notes				
Assessment	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	Plant Identification	Plant Identification				
Objectives	1. Students will describe different classes of plants 2. Students will identify plants based on their physical characteristics	1. Students will describe different classes of plants 2. Students will identify plants based on their physical characteristics				
Activities	Montana Range Plant ID slides with guided notes	Montana Range Plant ID slides with guided notes				
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				
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				
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				
Activities	Intro to Biotech slides with guided notes	Intro to Biotech slides with guided notes		Gene mapping lab in class		DNA analysis activity in class
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		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		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		11-12.RST.1.2, 9-12HS.PS.4.2
Natural Res.	Forestry	Forestry				
Objectives	1. Students will utilize tree measurement tools 2. Students will evaluate timber stand health	1. Students will utilize tree measurement tools 2. Students will evaluate timber stand health				
Activities	Tree measurement activities outside	Tree measurement activities outside				
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			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	
Welding	Cutting Processes	Cutting Processes				
Objectives	1. Students will utilize PAC & OFC processes 2. Students will demonstrate safe shop procedures	1. Students will utilize PAC & OFC processes 2. Students will demonstrate safe shop procedures				
Activities	Module 2 & 3 lab sheets in shop area	Module 2 & 3 lab sheets in shop area				
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			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			11-12.SL.2.6, 9-12HS.PS.2.6	