



## Lesson Plans for Agricultural Education - Mr. Igo

For the week of: September 3-7, 2018

NO SCHOOL - LABOR DAY					
Monday		Tuesday	Wednesday	Thursday	Friday
<b>AgEd I</b>		Intro to the Ag Industry	Intro to the Ag Industry	Intro to the Ag Industry	Intro to the Ag Industry
Objectives		1. Students will describe the segments of the Ag Industry 2. Students will identify sectors of the Montana and US economies that rely on agriculture.	1. Students will describe the segments of the Ag Industry 2. Students will identify sectors of the Montana and US economies that rely on agriculture.	1. Students will describe the segments of the Ag Industry 2. Students will identify sectors of the Montana and US economies that rely on agriculture.	1. Students will describe the segments of the Ag Industry 2. Students will identify sectors of the Montana and US economies that rely on agriculture.
Activities		Team building activity in class with reflection	Team building activity in class with reflection	Team building activity in class with reflection	Team building activity in class with reflection
Assessment		Formative: Time on task, reflection	Formative: Time on task, reflection	Formative: Time on task, reflection	Formative: Time on task, reflection
		Summative: handout, unit quiz	Summative: handout, unit quiz	Summative: handout, unit quiz	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	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	English 11-12.RI.-2
<b>AgEd II</b>		Intro to Range Science	Intro to Range Science	Intro to Range Science	Intro to Range Science
Objectives		1. Students will describe the importance of range to the US and MT economy 2. Students will identify components of rangeland health	1. Students will describe the importance of range to the US and MT economy 2. Students will identify components of rangeland health	1. Students will describe the importance of range to the US and MT economy 2. Students will identify components of rangeland health	1. Students will describe the importance of range to the US and MT economy 2. Students will identify components of rangeland health
Activities		Intro to Rangelands lecture with notes in class	Intro to Rangelands lecture with notes in class	Intro to Rangelands lecture with notes in class	Intro to Rangelands lecture with notes in class
Assessment		Formative: discussion, check for understanding	Formative: discussion, check for understanding	Formative: discussion, check for understanding	Formative: discussion, check for understanding
		Summative: notes, unit test, range plant collections	Summative: notes, unit test, range plant collections	Summative: notes, unit test, range plant collections	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	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	11-12.SL.2.6, 9-12HS.PS.2.6, 9-12HS.LS.4.1
<b>AgEd III</b>		Precision Agriculture	Precision Agriculture	Precision Agriculture	Precision Agriculture
Objectives		1. Students will identify applications of GPS/GIS in agriculture 2. Students will describe how GPS technology works.	1. Students will identify applications of GPS/GIS in agriculture 2. Students will describe how GPS technology works.	1. Students will identify applications of GPS/GIS in agriculture 2. Students will describe how GPS technology works.	1. Students will identify applications of GPS/GIS in agriculture 2. Students will describe how GPS technology works.
Activities		Intro to GPS/Precision Ag lecture with notes	Intro to GPS/Precision Ag lecture with notes	Intro to GPS/Precision Ag lecture with notes	Intro to GPS/Precision Ag lecture with notes
Assessment		Formative: participation, discussion	Formative: participation, discussion	Formative: participation, discussion	Formative: participation, discussion
		Summative: lab sheets, unit test	Summative: lab sheets, unit test	Summative: lab sheets, unit test	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
<b>Natural Res.</b>		Intro to Natural Resources	Intro to Natural Resources	Intro to Natural Resources	Intro to Natural Resources
Objectives		1. Students will identify the evolution of Natural Resource management over time 2. Students will classify resources as renewable or nonrenewable	1. Students will identify the evolution of Natural Resource management over time 2. Students will classify resources as renewable or nonrenewable	1. Students will identify the evolution of Natural Resource management over time 2. Students will classify resources as renewable or nonrenewable	1. Students will identify the evolution of Natural Resource management over time 2. Students will classify resources as renewable or nonrenewable
Activities		Intro to Natural Resources lecture with notes in class	Intro to Natural Resources lecture with notes in class	Intro to Natural Resources lecture with notes in class	Intro to Natural Resources lecture with notes in class
Assessment		Formative: discussion, check for understanding	Formative: discussion, check for understanding	Formative: discussion, check for understanding	Formative: discussion, check for understanding
		Summative: note handout, unit test	Summative: note handout, unit test	Summative: note handout, unit test	Summative: note handout, 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	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	11-12.SL.2.6, 9-12HS.PS.2.6, 9-12HS.LS.4.1
<b>Welding</b>		Welding & Shop Safety	Welding & Shop Safety	Welding & Shop Safety	Welding & Shop Safety
Objectives		1. Students will describe safe shop procedures 2. Students will classify actions as safe or unsafe	1. Students will describe safe shop procedures 2. Students will classify actions as safe or unsafe	1. Students will describe safe shop procedures 2. Students will classify actions as safe or unsafe	1. Students will describe safe shop procedures 2. Students will classify actions as safe or unsafe
Activities		Welding safety discussion and lecture with handout	Module 1 Discussion & Summaries	Module 1 Discussion & Summaries	Module 1 Discussion & Summaries
Assessment		Formative: discussion, participation	Formative: discussion, participation	Formative: discussion, participation	Formative: discussion, participation
		Summative: note sheet, safety test	Summative: note sheet, safety test	Summative: note sheet, safety test	Summative: note sheet, safety test
AFNR Standards		PST.04.04.07a	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	11-12.SL.2.6, 9-12HS.PS.2.6