Semester 1	Objective	Standards	<b>Resource Materials</b>	Assessments/Assignments
	-			
Unit 1: National FFA Organization	SWBAT: Participate in leadership training through agriculture education	Idaho Animal Science Program Standards Content Standard: 10 0 Performance Standard: 10.1-10.2 Agriculture Food and Natural Resources Standards (AFNR):	PowerPoints National FFA website (ffa.org)	Unit test Bell ringers Weekly/daily activities
Unit 2: Introduction to Animal Science	SWBAT: Analyze historic and current trends impacting the animal systems industry	Idaho Animal Science Program Standards: Agriculture Food and Natural Resources Standards (AFNR): Animal Science (AS).01 AS.01.01 a-c AS .01.02 a-c	PowerPoints Modern Livestock text book	Unit test Bell Ringers Weekly/daily activities
Unit 3: Introduction to Judging & Selection	SWBAT: Classify, evaluate and select animals based on anatomical and physiological characteristics	Idaho Animal Science Program Standards: Agriculture Food and Natural Resources Standards (AFNR): Animal Science (AS).06 AS.06.0106.03	PowerPoints Modern Livestock text book	Unit test Bell ringers Weekly/daily activities

Unit 4: Animal	SWBAT: Understand	Idaho Animal Science	PowerPoints	Unit test
Genetics	the principles of evaluation for animal selection (genetics)	Program Standards: Content Standard 4.0 Performance Standard 4.1-4.3 Agriculture Food and Natural Resources Standards (AFNR): Animal Science (AS) .04 .04.02 .04.02.01 a-c .04.02.02 a-c	Modern Livestock text book	Bell ringers Weekly/daily activities
Unit 5: Animal Reproduction	SWBAT: Apply principles of livestock reproduction systems	Idaho Animal Science Program Standards: Content Standard 3.0 Performance Standard 3.1-3.5 Agriculture Food and Natural Resources Standards (AFNR): Animal Science (AS) .04 .04.02 .04.02.01 a-c .04.02.02 a-c	PowerPoints Modern Livestock text book	Unit test Bell ringers Weekly/daily activities
Unit 6: Beef Industry	SWBAT: Understand the beef industry	Idaho Animal Science Program Standards: Content Standard 1.0 Performance Standard: 1.2 1.2.1-1.2.5 Agriculture Food and Natural Resources	PowerPoints Modern Livestock text book	Unit test Bell ringers Weekly/daily activities

	Standards (AFNR):	
	Animal Science (AS)	

9 <sup>th</sup> -12th/Plant Science				
Semester 1	Objective	Standards	Resource Materials	Assessments/Assignments
Unit 1: National FFA Organization	SWBAT: Participate in leadership training through agriculture education	Idaho Plant Science Program Standards Content Standard: 10 0 Performance Standard: 10.1-10.2	PowerPoints National FFA website (ffa.org)	Unit tests Bell ringers Weekly/Daily activities
Unit 2: Soil Science	SWBAT: Understand the elementary study of soils	Idaho Plant Science Program Standards Content Standard 3.0 Performance Standard 3.1-3.2	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities
Unit 3: Introduction to Plant Science	SWBAT: Understand the components of plant science	Idaho Plant Science Program Standards Content Standard 1.0,2.0 Performance Standard: 1.1-1.2 2.1-2.3 Agriculture Food and Natural Resources Standards (AFNR): Plant Science (PS) .03 .03.0103.05	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities
Unit 4: Plant Anatomy	SWBAT: Apply principles of plant anatomy	Idaho Plant Science Program Standards Content Standard	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities

		Agriculture Food and		
		Natural Resources		
		Standards (AFNR): Plant		
		Science (PS) .02		
		.02.02.0102.02.04 a-c		
Unit 5: Crop	SWBAT: Identify	Idaho Plant Science	PowerPoints	Unit tests
Identification	common crops in Idaho	Program Standards	Horticulture Today	Bell ringers
	and in the USA	Content Standard	textbook	Weekly/Daily activities
		Agriculture Food and		
		Natural Resources		
		Standards (AFNR): Plant		
		Science (PS) .02		
		.02.02.0102.02.04 a-c		
Unit 6: Plant pests and	SWBAT: Recognize	Idaho Plant Science	PowerPoints	Unit tests
diseases	concepts and principles	Program Standards	Horticulture Today	Bell ringers
	of plant pests and	Content Standard 5.0	textbook	Weekly/Daily activities
	diseases	Performance Standard:		
		5.1-5.2		
		Agriculture Food and		
		Natural Resources		
		Standards (AFNR): Plant		
		Science (PS) .03		
		.03.03		
		.03.03.0103.03.4 a-c		

9 <sup>th</sup> -12th/Floriculture				
Semester 1	Objective	Standards	Resource Materials	Assessments/Assignments
Unit 1: National FFA Organization	SWBAT: Participate in leadership training through agriculture education	Idaho Ornamental Horticulture Program Standards: Content Standard: 10 0 Performance Standard: 10.1-10.2	PowerPoints National FFA website (ffa.org)	Unit tests Bell ringers Weekly/Daily activities
		Agriculture Food and Natural Resources Standards (AFNR): Plant Science (PS)		
Unit 2: Floral Tool Identification	SWBAT: Identify and categorize tools used for floral design	Idaho Ornamental Horticulture Program Standards Agriculture Food and Natural Resources Standards (AFNR): Plant Science (PS) .04 .04.02.02a	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities
Unit 3: Common Fresh Cut Flowers/	SWBAT: Identify common cut flowers used for floral design	Idaho Ornamental Horticulture Program Standards Agriculture Food and Natural Resources Standards (AFNR): Plant Science (PS) .04	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities

		.04.01.01a (floral		
		plants)		
Unit 4: Floral Design History	SWBAT: Explain the history of floral designs	Idaho Ornamental Horticulture Program	PowerPoints Horticulture Today	Unit tests Bell ringers
		Standards	textbook	Weekly/Daily activities
		Content Standard 12.0 Performance Standard:		
		12.1-12.2		
		Agriculture Food and		
		Natural Resources		
		Standards (AFNR): Plant		
		Science (PS)		
Unit 5: Floral Design	SWBAT: Know and	Idaho Ornamental	PowerPoints	Unit tests
Business Concepts	understand business	Horticulture Program	Horticulture Today	Bell ringers
	concepts related to the	Standards Content	textbook	Weekly/Daily activities
	floral industry	Standard: 10.0		
		Performance Standard		
		10.1-10.2		
		Agriculture Food and		
		Natural Resources		
		Standards (AFNR): Plant		
		Science (PS)		
Unit 6: Floral Design	SWBAT: Know and	Idaho Ornamental	PowerPoints	Unit tests
Principles	understand the	Horticulture Program	Horticulture Today	Bell ringers
	different design	Standards: Content	textbook	Weekly/Daily activities
	principles used in floral	Standard 12.0		
	design	Performance Standard:		
		12.1-12.2		
		Agriculture Food and		
		Natural Resources		

Standards (AFNR): Pla	lant
Science (PS) .04	
.04.02 .04.02.01a	

9 <sup>th</sup> -12th/Welding				
Semester 1	Objective	Standards	Resource Materials	Assessments/Assignments
Unit 1: National FFA Organization	SWBAT: Participate in leadership training through agriculture education	Idaho Welding Program Standards Content Standard: 10 0 Performance Standard: 10.1-10.2	PowerPoints National FFA website (ffa.org)	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)
		Agriculture Food and Natural Resources Standards (AFNR):		
Unit 2: Safety	SWBAT: Identify shop organization and safety procedures	Idaho Welding Program Standards: Content Standards 1.0 Performance Standard 1.1-1.3 Agriculture Food and Natural Resources Standards (AFNR):	PowerPoints Agriculture Mechanics textbook	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)
Unit 3: Gas Metal Arc Welding (GMAW)	SWBAT: Apply gas metal arc welding techniques	Idaho Welding Program Standards Content Standard: 5.0 Performance Standard: 5.1-5.2 Agriculture Food and Natural Resources Standards (AFNR):	PowerPoints Agriculture Mechanics textbook	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)

Unit 4: Shielded Metal	SWBAT: Apply shielded	Idaho Welding Program	PowerPoints	Unit test
Arc Welding	metal arc welding	Standards: Content	Agriculture Mechanics	Bell ringers
	techniques	Standard: 4.0	textbook	Weekly/Daily activities
		Performance Standard:		(i.e., time in the shop)
		4.1-4.2		
		Agriculture Food and		
		Natural Resources		
		Standards (AFNR):		
Unit 5: Welding print	SWBAT: Apply	Idaho Welding Program	PowerPoints	Unit test
reading and measuring	fundamental print	Standards: Content	Agriculture Mechanics	Bell ringers
	reading, measuring	Standard 2.0	textbook	Weekly/Daily activities
	and layout/fit-up	Performance Standard		(i.e., time in the shop)
	techniques	2.1-2.4		
		Agriculture Food and		
		Natural Resources		
		Standards (AFNR):		
Unit 6:	SWBAT: Identify	Idaho Welding Program	PowerPoints	Unit test
Types/Properties of	properties of metals	Standards Content	Agriculture Mechanics	Bell ringers
Metals		Standard 3.0	textbook	Weekly/Daily activities
		Performance Standard		(i.e., time in the shop)
		3.1-3.2		
		Agriculture Food and		
		Natural Resources		
		Standards (AFNR):		
Unit 7: Welding Code	SWBAT: Identify	Idaho Welding Program	PowerPoints	Unit test
and Inspection	welding codes,	Standards Content	Agriculture Mechanics	Bell ringers
Principles	inspections and testing	Standard 9.0	textbook	Weekly/Daily activities
	principles	Performance Standard		(i.e., time in the shop)
		9.1-9.2		

Agriculture Food and	
Natural Resources	
Standards (AFNR):	

		9 <sup>th</sup> -12th/Agricultural Syst	ems	
Semester 1	Objective	Standards	Resource Materials	Assessments/Assignments
Unit 1: National FFA Organization	SWBAT: Participate in leadership training through agriculture education	Idaho Agriculture Mechanics Program Standards Content Standard: 10 0 Performance Standard: 10.1-10.2 Agriculture Food and Natural Resources Standards (AFNR):	PowerPoints National FFA website (ffa.org)	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)
Unit 2: Safety	SWBAT: Identify shop organization and safety procedures	Idaho Agriculture Mechanics Program Standards: Content Standards 1.0 Performance Standard 1.1-1.3 Agriculture Food and Natural Resources Standards (AFNR):	PowerPoints Agriculture Mechanics textbook	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)
Unit 3: Tools and Hardware	SWBAT: Safely use and identify proper use of tools	Idaho Agriculture Mechanics Program Standards: Content Standard 2.0 Performance Standard 2.1-2.2	PowerPoints Agriculture Mechanics textbook	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)

		Agriculture Food and Natural Resources Standards (AFNR):		
Unit 4: Metal Technology	SWBAT: Apply principles of metal fabrication using a variety of processes (i.e., GMAW, SMAW)	Idaho Agriculture Mechanics Program Standards: Content Standards 3.0 Performance Standard 3.1-3.2 Agriculture Food and Natural Resources Standards (AFNR):	PowerPoints Agriculture Mechanics textbook	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)
Unit 5: Power Systems/Engines	SWBAT: Operate and maintain power systems/engines	Idaho Agriculture Mechanics Program Standards: Content Standard 4.0 Performance Standard 4.1-4.4 Agriculture Food and Natural Resources Standards (AFNR):	PowerPoints Agriculture Mechanics textbook	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)
Unit 6: Mathematical Applications	SWBAT: Apply mathematical in agriculture mechanics and power systems	Idaho Agriculture Mechanics Program Standards: Content Standard 6.0 Performance Standard 6.1 Agriculture Food and Natural Resources Standards (AFNR):	PowerPoints Agriculture Mechanics textbook	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)

Unit 7: Electricity	SWBAT: Apply basic	Idaho Agriculture	PowerPoints	Unit test
	electrical principles	Mechanics Program	Agriculture Mechanics	Bell ringers
		Standards: Content	textbook	Weekly/Daily activities
		Standard 5.0		(i.e., time in the shop)
		Performance Standard		
		5.1		
		Agriculture Food and		
		Natural Resources		
		Standards (AFNR):		

Qtr /Unit	Objective	Standards	Resource Materials	Assessments/Assignments
Quarter 1 (8 <sup>th</sup> Grade)	SWBAT (FFA):	Idaho Program	PowerPoints	Unit test
		Standards Plant and	National FFA website	
Unit 1	Participate in			Bell ringers
FFA	leadership training	Soil	(ffa.org)	Weekly/Daily activities
Unit 2	through agriculture	Content Standard: 10	Intro to Agriculture	
Soil Science	education	0	Education textbook	
Unit 3		Performance Standard:		
Prepared Public	SWBAT: Understand	10.1-10.2		
Speeches	the elementary study	Idaho Plant Science		
	of soils	Program Standards		
		Content Standard 3.0		
		Performance Standard		
	SWBAT: Participate in a	3.1-3.2		
	speech activity	Agriculture Food and		
		Natural Resources		
		Standards (AFNR):		
Quarter 2 (8 <sup>th</sup> Grade)	SWBAT (FFA):	Idaho Program	PowerPoints	Unit test
Unit 1	Participate in	Standards Animal	Intro to Agriculture	Bell ringers
FFA	leadership training	Science	Education textbook	Weekly/Daily activities
Unit 2	through agriculture	Content Standard: 10		
Animal Science	education	0		
Unit 3		Performance Standard:		
Prepared Public		10.1-10.2		
Speeches				
	SWBAT: Analyze	Agriculture Food and		
	historic and current	Natural Resources		
	trends impacting the	Standards (AFNR):		
	animal systems	Animal Science (AS).01		
	industry	AS.01.01 a-c		

7<sup>th</sup> & 8<sup>th</sup> Grade/Intro to Agriculture Education

		AS .01.02 a-c		
	SWBAT: Participate in a speech activity			
Quarter 3 (7 <sup>th</sup> Grade)	SWBAT:	Idaho Program	PowerPoints	Unit test
Unit 1	Participate in	Standards Plant and	Intro to Ag Education	Bell ringers
FFA	leadership training	Soil	Textbook	Weekly/Daily activities
Unit 2	through agriculture	Content Standard: 10		
Plant Science	education	0		
Unit 3		Performance Standard:		
Prepared Public	SWBAT: Understand	10.1-10.2		
Speeches	the components of	Content Standard		
	plant science	1.0,2.0		
		Performance Standard:		
		1.1-1.2		
		2.1-2.3		
	SWBAT: Participate in a			
	speech activity	Agriculture Food and		
		Natural Resources		
		Standards (AFNR):		
Quarter 4 (7 <sup>th</sup> Grade)	SWBAT (FFA):	Idaho Program	PowerPoints	Unit test
Unit 1	Participate in	Standards Ecology and	Intro to Agriculture	Bell ringers
FFA	leadership training	Natural Resources	Education textbook	Weekly/Daily activities
Unit 2	through agriculture	Content Standard:		
Natural Resources	education	1.0-2.0		
Unit 3	SWBAT: Understand	Performance Standard:		
Prepared Public	principles of natural	1.1-1.2		
Speeches	resources	1.1-1.3		
	SWBAT: Participate in a			
	speech activity			

Ag	riculture Food and	
Na	tural Resources	
Sta	indards (AFNR):	

Semester 2	Objective	Standards	Resource Materials	Assessments/Assignments
Unit 7: Nutritional Requirements for Livestock Unit 8: Evaluating Animal Health and Administering Care	SWBAT: Understand the nutritional requirements for livestock SWBAT: Understand how to evaluate animal health and how to	Idaho Animal Science Program Standards Content Standard: 2.0 Performance Standards: 2.1-2.3 Food and Natural Resources Standards (AFNR): .03 .03.0103.03 a-c Idaho Animal Science Program Standards: Content Standard: 6.0	PowerPoints Modern Livestock text book PowerPoints Modern Livestock text book	Unit test Bell ringers Weekly/daily activities Unit test Bell Ringers Weekly/daily activities
	administer care to livestock	Performance Standard: 6.1-6.6 Agriculture Food and Natural Resources Standards (AFNR): Animal Science .07 .07.010702 a-c		
Unit 9: Anima Welfare, Handling and Quality Assurance	SWBAT: Understand animal welfare, handling and quality assurance	Idaho Animal Science Program Standards: Content Standard: 5.0 Performance Standard: 5.1-5.4 Agriculture Food and Natural Resources	PowerPoints Modern Livestock text book	Unit test Bell ringers Weekly/daily activities

		Standards (AFNR): Animal Science .02 .02.0102.02 a-c		
Unit 10: Harvesting and Processing of Animal Products & Understand the Dairy Industry	SWBAT: Explore harvesting and processing of animal products and understand the dairy industry	Idaho Animal Science Program Standards: Content Standard: 7.0, 1.0 Performance Standard: 1.3, 1.3.1-1.3.4, 7.1-7.3 Agriculture Food and Natural Resources Standards (AFNR): Animal Science (AS)	PowerPoints Modern Livestock text book	Unit test Bell ringers Weekly/daily activities
Unit 11: Other Food Animal Systems	SWBAT: Describe the elements of other food animal systems	Idaho Animal Science Program Standards: Content Standard 1.0 Performance Standard: 1.4, 1.4.1-1.4.4, 1.5,1.5.1 Agriculture Food and Natural Resources Standards (AFNR): Animal Science (AS)	PowerPoints Modern Livestock text book	Unit test Bell ringers Weekly/daily activities
Unit 12: Agricultural Business and Risk Management	SWBAT: Examine agricultural business and risk management	Idaho Animal Science Program Standards: Content Standard: 8.0 Performance Standard: 8.1-8.5	PowerPoints Modern Livestock text book	Unit test Bell ringers Weekly/daily activities

Agriculture Food and	
Natural Resources	
Standards (AFNR):	
Animal Science (AS)	

Semester 2	Objective	Standards	Resource Materials	Assessments/Assignments
Unit 7: Growing Media/Fertilizer	SWBAT: Understand the elements of growing media and fertilizer	Idaho Ornamental Horticulture Program Standards Content Standard: 5.0,6.0 Performance Standard: 5.1-5.4, 6.1-6.2	PowerPoints	Unit tests Bell ringers Weekly/Daily activities
Unit 8: Integrated Pest Management (IPM)	SWBAT: Understand the elements of integrated pest management (IPM)	Idaho Ornamental Horticulture Program Standards Content Standard: 7.0 Performance Standard: 7.1-7.3	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities
Unit 9: Careers and Technology in Plant Science/Plant Technologies	SWBAT: Explore careers and technology related to the plant science industry	Idaho Plant Science Program Standards Content Standard 6.0, 11.0 Performance Standard: 6.1-6.4, 11.1-11.4 Agriculture Food and Natural Resources Standards (AFNR): Plant Science (PS)	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities
Unit 10: Ornamental Horticulture Crops	SWBAT: Understand the elements of	Idaho Ornamental Horticulture	PowerPoints	Unit tests Bell ringers

	ornamental horticulture crops	Program Standards Content Standard 9.0 Performance Standard: 9.1-9.4 Agriculture Food and Natural Resources Standards (AFNR):	Horticulture Today textbook	Weekly/Daily activities
Unit 11: Business Concepts	SWBAT: Understand business concepts in the plant science industry	Idaho Ornamental Horticulture Program Standards Content Standard 10.0 Performance Standard: 10.1-10.2 Agriculture Food and Natural Resources Standards (AFNR): Plant Science (PS)	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities
Unit 12: Ornamental Design Standards	SWBAT: Understand ornamental design standards	Idaho Ornamental Horticulture Program Standards Content Standard 12.0 Performance Standard: 12.1-12.2 Agriculture Food and Natural Resources Standards (AFNR): Plant Science (PS)	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities

	9 <sup>th</sup> -12th/Floriculture				
Semester 2	Objective	Standards	Resource Materials	Assessments/Assignments	
Unit 7: Plant Identification Skills	SWBAT: Identify plants to enhance an environment and how they relate to floriculture	Idaho Ornamental Horticulture Program Standards: Content Standard: 4.0 Performance Standard: 4.1 Agriculture Food and Natural Resources Standards (AFNR): Plant Science (PS) .04, .04.0104.02	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities	
Unit 8: Plant Physiology	SWBAT: Understand the elements in plant physiology and how they relate to floriculture	Idaho Ornamental Horticulture Program Standards: Content Standard: 3.0 Performance Standard: 3.1-3.5 Agriculture Food and Natural Resources Standards (AFNR): Plant Science (PS)	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities	
Unit 9: Plant Anatomy	SWBAT: Identify the anatomy of plants and how they relate to floriculture	Idaho Ornamental Horticulture Program Standards Content Standard: 2.0	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities	

		Performance Standard: 2.1-2.7 Agriculture Food and Natural Resources Standards (AFNR): Plant Science (PS)		
Unit 10: Integrated Pest Management (IPM)	SWBAT: Understand the elements of integrated pest management (IPM) and how they relate to floriculture	Idaho Ornamental Horticulture Program Standards Content Standard: 7.0 Performance Standard: 7.1-7.3 Agriculture Food and Natural Resources Standards (AFNR): Plant Science (PS)	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities
Unit 11: Floral Event Planning	SWBAT: Apply floral design principles	Idaho Ornamental Horticulture Program Standards Content Standard: 12.0 Performance Standard: 12.2 Agriculture Food and Natural Resources Standards (AFNR): Plant Science (PS) .04 .04.02	PowerPoints Horticulture Today textbook	Unit tests Bell ringers Weekly/Daily activities
Unit 12: Plant	SWBAT: Understand	Idaho Ornamental	PowerPoints	Unit tests Bell ringers
Propagation	elements of plant propagation and plant	Horticulture Program	Horticulture Today textbook	Weekly/Daily activities

				1
	technologies and how	Standards: Content		
	they relate to	Standard 8.0		
	floriculture	Performance Standard:		
		8.1-8.2		
		Performance Standard:		
		Agriculture Food and		
		Natural Resources		
		Standards (AFNR):		
		Plant Science (PS)		
Unit 13: Plant	SWBAT: Understand	Idaho Ornamental	PowerPoints	Unit tests
Technologies	elements in plant	Horticulture Program	Horticulture Today	Bell ringers
	technologies and how	Standards Content	textbook	Weekly/Daily activities
	they relate to	Standard: 11.0		
	floriculture	Performance Standard:		
		11.1-11.4		
		Agriculture Food and		
		Natural Resources		
		Standards (AFNR):		
		Plant Science (PS) .04		
		.04.02		

9 <sup>th</sup> -12th/Welding				
Semester 2	Objective	Standards	Resource Materials	Assessments/Assignments
Unit 8: Thermal Cutting Process	SWBAT: Demonstrate plasma arc cutting and air carbon arc cutting	Idaho Welding Program Standards Content Standard: 8.0 Performance Standard: 8.2, 8.2.1-8.2.8, 8.3, 8.3.1-8.3.5 Agriculture Food and Natural Resources Standards (AFNR):	PowerPoints Agriculture Mechanics textbook	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)
Unit 9: Thermal Cutting Process	SWBAT: Demonstrate oxy-fuel gas cutting	Idaho Welding Program Standards: Content Standards: 8.0 Performance Standard: 8.1, 8.1.1-8.1.9 Agriculture Food and Natural Resources Standards (AFNR):	PowerPoints Agriculture Mechanics textbook	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)
Unit 10: Fabrication Fundamentals	SWBAT: Demonstrate fabrication techniques	Idaho Welding Program Standards Content Standard: Agriculture Food and Natural Resources Standards (AFNR):	PowerPoints Agriculture Mechanics textbook	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)

Semester 2	Objective	Standards	<b>Resource Materials</b>	Assessments/Assignments
Unit 8: Insulation	SWBAT: Explain the importance of insulation	Idaho Agriculture Mechanics Program Standards	PowerPoints	Unit test Bell ringers Weekly/Daily activities
		Content Standard: 7.0 Performance Standard: 7.1 Agriculture Food and Natural Resources Standards (AFNR):		(i.e., time in the shop)
Unit 9: Emerging	SWBAT: Explain the	Idaho Agriculture	PowerPoints	Unit test
Technologies	importance of emerging technologies in agricultural systems	Mechanics Program Standards: Content Standards 8.0 Performance Standard: 8.1 Agriculture Food and Natural Resources Standards (AFNR):	Agriculture Mechanics textbook	Bell ringers Weekly/Daily activities (i.e., time in the shop)
Unit 10: Thermal Cutting Process	SWBAT: Properly select and use cutting equipment	Idaho Agriculture Mechanics Program Standards: Content Standard: 3.0 Performance Standard: 3.1, 3.1.5,3.1.9 Agriculture Food and Natural Resources Standards (AFNR):	PowerPoints Agriculture Mechanics textbook	Unit test Bell ringers Weekly/Daily activities (i.e., time in the shop)

9<sup>th</sup>-12th/Agricultural Systems

Unit 11: Agricultural	SWBAT: Research	Idaho Agriculture	PowerPoints	Unit test
Mechanics Careers	potential	Mechanics Program	Agriculture Mechanics	Bell ringers
Mechanics Careers		Standards: Content	textbook	_
	careers/certifications		LEXIDOOK	Weekly/Daily activities
	and demonstrate	Standards 9.0		(i.e., time in the shop)
	employability skills	Performance Standard:		
		9.1		
		Agriculture Food and		
		Natural Resources		
		Standards (AFNR):		
Unit 12: Fabrication	SWBAT: Demonstrate	Idaho Agriculture	PowerPoints	Unit test
Fundamentals	fabrication techniques	Mechanics Program	Agriculture Mechanics	Bell ringers
		Standards: Content	textbook	Weekly/Daily activities
		Standard 3.0		(i.e., time in the shop)
		Performance Standard:		
		3.1,		
		3.1.3,3.1.6,3.1.7,3.1.8		
		Agriculture Food and		
		Natural Resources		
		Standards (AFNR):		

Qtr /Unit	Objective	Standards	Resource Materials	Assessments/Assignments
Quarter 1 (8 <sup>th</sup> Grade)	SWBAT (FFA):	Idaho Program	PowerPoints	Unit test
Unit 1	Participate in	Standards Plant and	National FFA website	Bell ringers
FFA	leadership training	Soil	(ffa.org)	Weekly/Daily activities
Unit 2	through agriculture	Content Standard: 10	Intro to Agriculture	weekly barry activities
Soil Science	education	0	Education textbook	
Unit 3		Performance Standard:		
Prepared Public	SWBAT: Understand	10.1-10.2		
Speeches	the elementary study	Idaho Plant Science		
Speeches	of soils	Program Standards		
		Content Standard 3.0		
		Performance Standard		
	SWBAT: Participate in a	3.1-3.2		
	speech activity	Agriculture Food and		
	speech activity	Natural Resources		
		Standards (AFNR):		
Quarter 2 (8 <sup>th</sup> Grade)	SWBAT (FFA):	Idaho Program	PowerPoints	Unit test
Unit 1	Participate in	Standards Animal	Intro to Agriculture	Bell ringers
FFA	leadership training	Science	Education textbook	Weekly/Daily activities
Unit 2	through agriculture	Content Standard: 10		weekly Daily activities
Animal Science	education			
Unit 3	euucation	Performance Standard:		
Prepared Public		10.1-10.2		
Speeches		10.1-10.2		
	SWBAT: Analyze	Agriculture Food and		
	historic and current	Natural Resources		
	trends impacting the	Standards (AFNR):		
		Animal Science (AS).01		
		Anima Science (ASJ.01		

7<sup>th</sup> & 8<sup>th</sup> Grade/Intro to Agriculture Education

	animal systems	AS.01.01 a-c		
	industry	AS .01.02 a-c		
	,			
	SWBAT: Participate in a			
	speech activity			
Quarter 3 (7 <sup>th</sup> Grade)	SWBAT:	Idaho Program	PowerPoints	Unit test
Unit 1	Participate in	Standards Plant and	Intro to Ag Education	Bell ringers
FFA	leadership training	Soil	Textbook	Weekly/Daily activities
Unit 2	through agriculture	Content Standard: 10		
Plant Science	education	0		
Unit 3		Performance Standard:		
Prepared Public	SWBAT: Understand	10.1-10.2		
Speeches	the components of	Content Standard		
	plant science	1.0,2.0		
		Performance Standard:		
		1.1-1.2		
		2.1-2.3		
	SWBAT: Participate in a			
	speech activity	Agriculture Food and		
		Natural Resources		
		Standards (AFNR):		
Quarter 4 (7 <sup>th</sup> Grade)	SWBAT (FFA):	Idaho Program	PowerPoints	Unit test
Unit 1	Participate in	Standards Natural	Intro to Agriculture	Bell ringers
FFA	leadership training	Resources	Education textbook	Weekly/Daily activities
Unit 2	through agriculture	Content Standard:		
Natural Resources	education	1.0-2.0		
Unit 3	SWBAT: Understand	Performance Standard:		
Prepared Public	principles of natural	1.1-1.2		
Speeches	resources	1.1-1.3		

SWBAT: Participate i	in a	
speech activity	Agriculture Food and	
	Natural Resources	
	Standards (AFNR):	