



## **TEKS CORRELATIONS & SUGGESTED PACING GUIDE**

# Principles of Agriculture, Food, & Natural Resources



**iCEV Agricultural Science Site**

***Meets 100% of TEKS***

**563 days of teaching material**

Scope & Sequence	Lesson Title	TEKS	Days of Teaching
1	The World of Agriculture	1.A.ii; 1.B.i; 1.B.ii; 3.A.i; 3.A.iii; 3.B.i; 3.B.ii; 4.A.i; 4.B.i; 4.B.ii; 4.C.i; 4.C.ii; 4.D.i; 4.E.i; 4.E.ii; 4.F.i; 7.A.i; 7.A.ii; 9.C.i; 9.C.ii; 9.D.i; 9.D.ii; 14.A.i; 15.A.i; 15.A.ii; 15.C.i; 15.C.ii; 15.C.iii; 15.C.iv; 15.C.v; 15.C.vi; 15.C.vii; 15.C.viii; 15.C.ix; 15.C.x; 15.C.xi; 15.C.xii	12
2	Blue & Gold Basics: What is FFA?	2.C.i; 2.D.i; 2.D.ii	6
3	Blue & Gold Basics: The FFA Creed	N/A	5
4	Blue & Gold Basics: FFA Officers & Meetings	2.C.i; 5.A.i; 5.A.ii	8
5	Blue & Gold Basics: Career Development Events	2.C.i; 5.A.i; 5.A.ii	2
6	Blue & Gold Basics: Degrees, Awards & Scholarships	N/A	2
7	Blue & Gold Basics: SAE Programs	2.A.i; 2.A.ii; 2.A.iii; 2.A.iv; 2.A.v; 2.B.i	5
8	Introduction to Record Keeping	2.B.i	3
9	Career Cluster: Agriculture, Food & Natural Resources	1.A.i; 1.A.iii; 1.B.vi	7
10	Exploring Careers: Agriculture, Food & Natural Resources	1.A.i; 1.A.iii; 1.B.vi	12
11	Internships 101: The Importance of Internships	1.A.i	2
12	Agribusiness Systems	1.E.i; 1.E.ii; 1.E.iii; 1.E.iv; 1.E.v; 1.E.vi	2
13	Internships 101: Farm Bureau Spotlight	1.A.i	1
14	Animal Systems	1.E.i; 1.E.ii; 1.E.iii; 1.E.iv; 1.E.v; 1.E.vi	2
15	Environmental Service Systems	1.E.i; 1.E.ii; 1.E.iii; 1.E.iv; 1.E.v; 1.E.vi	2
16	Food Products & Processing Systems	1.E.i; 1.E.ii; 1.E.iii; 1.E.iv; 1.E.v; 1.E.vi	2
17	Natural Resources Systems	1.E.i; 1.E.ii; 1.E.iii; 1.E.iv; 1.E.v; 1.E.vi	2
18	Plant Systems	1.E.i; 1.E.ii; 1.E.iii; 1.E.iv; 1.E.v; 1.E.vi	2
19	Entrepreneurship 101: Prime Dirt	1.A.iii	2
20	Internships 101: Prime Dirt Spotlight	1.A.i	2
21	Power, Structural & Technical Systems	1.E.i; 1.E.ii; 1.E.iii; 1.E.iv; 1.E.v; 1.E.vi; 14.A.i	2
22	Formulas for Career Success: Career Testing & Investigation	1.A.ii	8
23	Formulas for Career Success: Higher Learning	1.A.ii	7
24	Employability Skills	1.B.iii; 1.B.v; 1.B.vi; 1.C.iii; 1.D.i; 5.B.i; 5.B.ii	5
25	Teamwork & Collaboration	1.B.iv; 5.A.iii; 5.B.iii	5
26	Leadership Styles	5.A.i; 5.A.ii	5
27	Skills for Real World Survival	5.A.iii; 5.B.i; 5.B.ii; 5.B.iii; 9.B.i; 9.B.ii	13
28	Listening 101	6.B.i; 6.B.ii	3
29	Researching Strategies & Tactics	7.B.i; 7.B.ii	6
30	Written Communication Practices	6.A.i; 6.A.ii	15
31	Public Speaking Basics	6.A.iii; 6.A.iv	6
32	Personal & Occupational Health & Safety	1.C.iv; 14.B.i; 14.B.ii; 14.B.iii; 14.B.iv; 14.E.ii; 14.E.iii	11
33	Basic Shop Safety	1.C.i; 1.C.ii; 14.B.i; 14.B.ii; 14.B.iii; 14.B.iv	5
34	Welding Shop Safety	1.C.iv; 1.C.v; 14.B.i; 14.B.ii; 14.B.iii; 14.B.iv; 14.E.ii; 14.E.iii	8
35	First Aid Basics	1.C.v	8
36	Scientific Procedures & Safety	7.C.i	8

Scope & Sequence	Lesson Title	TEKS	Days of Teaching
37	Field Trip: U.S. Meat Animal Research Center	7.A.i; 7.A.ii	4
38	Biotechnology: Uses in the Food Industry	7.A.i; 7.A.ii	1
39	Biotechnology: Fetal Programming	7.A.i; 7.A.ii	1
40	Emerging Technologies: Molecular Methods	7.A.i; 7.A.ii	1
41	Global Industry	3.A.ii; 3.A.iii	6
42	Agricultural Business: Management	8.A.i; 8.B.i; 8.B.iii	10
43	Business Documents & Technology	8.B.i; 8.B.ii; 8.B.iii	6
44	Budgeting for Agribusiness	8.B.i; 8.B.iii	6
45	Records & Filing	8.B.ii	5
46	Internet Basics	9.A.i	5
47	Workplace Issues	1.C.i; 1.C.ii; 1.C.iii	4
48	Workplace Technology	9.A.i; 9.B.iii	8
49	Field Trip: Dig It! The Secrets of Soil	10.A.i; 10.A.ii	6
50	Soil Formation & Evaluation	10.B.i; 10.B.ii	7
51	Fertilizers & Soil Amendments	10.C.i	7
52	Benefits of the Horticulture Industry	11.D.i	6
53	Scientific Classification & Nomenclature of Plants	11.D.i	9
54	Anatomy of Plants	11.A.i; 11.A.ii	5
55	Fundamental Plant Processes	11.B.i; 11.B.ii; 11.B.iv	7
56	Plant Nutrition	11.B.iii; 11.B.v; 11.B.vi	6
57	Plant Genetics	11.C.i; 11.C.ii; 11.C.iii	8
58	Crop Production in the United States: Southern Region	11.D.i	6
59	Farm Implements: Tillage	11.E.ii	3
60	Farm Implements: Pre-Harvest & Harvest	11.E.ii	3
61	Farm Implements: Planting & Cultivation	11.E.ii	3
62	Fertilizers & the Environment	1.C.iv; 11.E.ii; 11.E.iii	5
63	Landscape Tools: Use & Safety	11.E.i; 11.E.iii	4
64	Floral Design Tools	11.E.i	5
65	Plants & Animals: What's the Difference	12.A.i; 12.A.ii	8
66	Basic Animal Science	12.C.ii; 12.C.iv	5
67	Conception to Consumer	12.A.i; 12.A.ii	3
68	External Anatomy of Livestock: Terms & Terminology	12.B.i; 12.B.ii	5
69	Circulatory & Respiratory Systems	12.B.i; 12.B.ii	4
70	Digestive System	12.B.i; 12.B.ii	4
71	Endocrine, Immune & Integumentary Systems	12.B.i; 12.B.ii	4
72	Nervous, Skeletal & Muscular Systems	12.B.i; 12.B.ii	4
73	Livestock Breed Identification: Cattle	12.C.i; 12.C.iii	6
74	Livestock Breed Identification: Goats	12.C.i; 12.C.iii	6
75	Livestock Breed Identification: Sheep	12.C.i; 12.C.iii	5

Scope & Sequence	Lesson Title	TEKS	Days of Teaching
76	Livestock Breed Identification: Swine	12.C.i; 12.C.iii	5
77	Livestock Breed Identification: Poultry	12.C.i; 12.C.iii	7
78	Livestock Judging Fundamentals	12.D.i	5
79	Fundamental Animal Microgenetics	12.D.iv	5
80	Prenatal Animal Growth & Development	12.A.i; 12.A.ii	6
81	Basic Animal Reproduction	12.D.ii	4
82	Livestock Reproduction	12.D.iii	6
83	Farm to Plate	13.B.i; 13.C.i	10
84	Dairy Products Production	13.A.i; 13.D.i; 13.D.ii; 13.D.iii	7
85	Fruit & Nut Production	13.A.i; 13.D.i; 13.D.ii; 13.D.iii	7
86	Grades & Classes of Seafood and Fish	13.A.i; 13.D.i; 13.D.ii; 13.D.iii	9
87	Poultry Products Production	13.A.i; 13.D.i; 13.D.ii; 13.D.iii	8
88	Value Added & Specialty Products	13.A.i; 13.D.i; 13.D.ii; 13.D.iii	5
89	Vegetable Production	13.A.i; 13.D.i; 13.D.ii; 13.D.iii	7
90	Food Industry Safety	13.D.i; 13.D.ii; 13.D.iii	6
91	Would Your Kitchen Pass Inspection?	13.D.i; 13.D.ii; 13.D.iii	2
92	Mechanized Agriculture	14.A.i	5
93	Geographic Information Systems (GIS) & Global Positioning Systems (GPS)	9.D.i; 9.D.ii	6
94	Project Management Skills	14.C.i; 14.C.ii; 14.C.iii; 14.C.iv; 14.C.v	13
95	Installation: Roofing	14.D.i; 14.D.ii	9
96	Installation: Windows	14.D.i; 14.D.ii	5
97	Installation: Doors	14.D.i; 14.D.ii	5
98	Striking & Struck Tools: Safety, Operation & ID	14.D.ii	2
99	Shielded Metal Arc Welding: Preparation & Safety	14.E.i	7
100	Large Metal Power Tools: Safety & Operation	14.E.i	4
101	Environmental Resources: Renewable & Non-Renewable Resources & Energy	15.D.i; 15.D.ii; 15.E.i	6
102	Water Resources	15.E.ii	5

Correlations to the Texas Essential Knowledge and Skills (TEKS): Student/Teacher Material	
<b>Subject</b>	<b>Chapter 130. Texas Essential Knowledge and Skills for Career &amp; Technical Education</b>
<b>Subchapter</b>	<b>Subchapter A. Agriculture, Food, And Natural Resources</b>
<b>Course</b>	<b>§130.2. Principles of Agriculture, Food, and Natural Resources (One Credit)</b>
<b>Publisher</b>	<b>CEV Multimedia, Ltd.</b>
<b>Program Title</b>	<b>iCEV Agricultural Science Site</b>
<b>Program ISBN</b>	<b>9.78161E+12</b>
<b>TEKS Coverage (%)</b>	<b>100.00%</b>

(a) **General Requirements.** This course is recommended for students in Grades 9-12. Students shall be awarded one credit for successful completion of this course.

**(b) Introduction.**

- (1) Career and technical education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.
- (2) The Agriculture, Food, and Natural Resources Career Cluster focuses on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources, including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
- (3) Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. To prepare for success, students need opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.
- (4) Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.
- (5) Statements that contain the word "including" reference content that must be mastered, while those containing the phrase "such as" are intended as possible illustrative examples.

**(c) Knowledge and Skills.**

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(A) identify career development, education, and entrepreneurship opportunities in the field of agriculture, food, and natural resources	(i) identify career development opportunities in the field of agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	Career Cluster: Agriculture, Food & Natural Resources	
			Student/Teacher	Activity	9781614592082	Project - Career Comparison; Project - Career Cube; Project - Career Interview; Project - Local Search; Project - The Career for Me	Career Cluster: Agriculture, Food & Natural Resources
			Student/Teacher	Narrative	9781614592082	Internships 101: The Importance of Internships; Internships 101: Farm Bureau Spotlight; Internships 101: Prime Dirt Spotlight	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Formulas for Career Success: Career Testing & Investigation	
			Student/Teacher	Activity	9781614592082	Activity - Virtual Job Shadowing	Formulas for Career Success: Career Testing & Investigation
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(A) identify career development, education, and entrepreneurship opportunities in the field of agriculture, food, and natural resources	(ii) identify education opportunities in the field of agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	Formulas for Career Success: Higher Learning	
			Student/Teacher	Activity	9781614592082	Activity - Opportunities to Earn Credit; Activity - What I Need to Know; Project - Preparatory Journal	Formulas for Career Success: Higher Learning
			Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Activity - Career Opportunities ; Activity - Career Opportunities Teacher Instruction Sheet	The World of Agriculture
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(A) identify career development, education, and entrepreneurship opportunities in the field of agriculture, food, and natural resources	(iii) identify entrepreneurship opportunities in the field of agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	Career Cluster: Agriculture, Food & Natural Resources	
			Student/Teacher	Activity	9781614592082	Project - Entrepreneurial Adventures	Career Cluster: Agriculture, Food & Natural Resources
			Student/Teacher	Narrative	9781614592082	Entrepreneurship 101: Prime Dirt Spotlight	
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(B) apply competencies related to resources, information, interpersonal skills, problem solving, critical thinking, and systems of operation in agriculture, food, and natural resources	(i) apply competencies related to resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Activity - Career Opportunities ; Activity - Career Opportunities Teacher Instruction Sheet	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(B) apply competencies related to resources, information, interpersonal skills, problem solving, critical thinking, and systems of operation in agriculture, food, and natural resources	(ii) apply competencies related to information	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Activity - Career Opportunities ; Activity - Career Opportunities Teacher Instruction Sheet	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(B) apply competencies related to resources, information, interpersonal skills, problem solving, critical thinking, and systems of operation in agriculture, food, and natural resources	(iii) apply competencies related to interpersonal skills	Student/Teacher	Narrative	9781614592082	Employability Skills	
			Student/Teacher	Activity	9781614592082	Activity - Skills Flashcards; Project - Personal Skills	Employability Skills
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				



Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(B) apply competencies related to resources, information, interpersonal skills, problem solving, critical thinking, and systems of operation in agriculture, food, and natural resources	(iv) apply competencies related to problem solving	Student/Teacher	Narrative	9781614592082	Teamwork & Collaboration	
			Student/Teacher	Activity	9781614592082	Activity - Team Roles; Project - Work-Related Problem Solving	Teamwork & Collaboration
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(B) apply competencies related to resources, information, interpersonal skills, problem solving, critical thinking, and systems of operation in agriculture, food, and natural resources	(v) apply competencies related to critical thinking	Student/Teacher	Narrative	9781614592082	Employability Skills	
			Student/Teacher	Activity	9781614592082	Activity - Skills Flashcards; Activity - Critical & Creative; Activity - Critical & Creative Answer Key; Activity - Problem Solving; Activity - Problem Solving Answer Key	Employability Skills
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(B) apply competencies related to resources, information, interpersonal skills, problem solving, critical thinking, and systems of operation in agriculture, food, and natural resources	(vi) apply competencies related to systems of operation in agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082		Career Cluster: Agriculture, Food & Natural Resources
			Student/Teacher	Activity	9781614592082		Project - The Career for Me
			Student/Teacher	Narrative	9781614592082		Employability Skills
			Student/Teacher	Activity	9781614592082		Activity - Skills Flashcards; Project - Personal Skills; Activity - Work Habits: Good vs. Bad; Activity - Work Habits: Good vs. Bad Answer Key
			Student/Teacher				Employability Skills
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(C) demonstrate knowledge of personal and occupational safety, health, environmental regulations, and first-aid policy in the workplace	(i) demonstrate knowledge of personal safety in the workplace	Student/Teacher	Narrative	9781614592082	Workplace Issues	
			Student/Teacher	Activity	9781614592082	Activity - Facts & Opinions in Occupational Safety Practices; Activity - Federal Laws for Safety; Project - Creating an Employee Handbook; Project - Determining Health Practices in the Workplace; Project - In Your Own Words OSHA in the Workplace; Project - Wellness Practices in the Workplace	Workplace Issues
			Student/Teacher	Narrative	9781614592082	Basic Shop Safety	
			Student/Teacher	Activity	9781614592082	Student Handout - Basic Shop Safety	Basic Shop Safety
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(C) demonstrate knowledge of personal and occupational safety, health, environmental regulations, and first-aid policy in the workplace	(ii) demonstrate knowledge of occupational safety in the workplace	Student/Teacher	Narrative	9781614592082	Workplace Issues	
			Student/Teacher	Activity	9781614592082	Activity - Facts & Opinions in Occupational Safety Practices; Activity - Federal Laws for Safety; Project - Creating an Employee Handbook; Project - Determining Health Practices in the Workplace; Project - In Your Own Words OSHA in the Workplace; Project - Wellness Practices in the Workplace	Workplace Issues
			Student/Teacher	Narrative	9781614592082	Basic Shop Safety	
			Student/Teacher	Activity	9781614592082	Student Handout - Basic Shop Safety	Basic Shop Safety
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(C) demonstrate knowledge of personal and occupational safety, health, environmental regulations, and first-aid policy in the workplace	(iii) demonstrate knowledge of health in the workplace	Student/Teacher	Narrative	9781614592082	Workplace Issues	
			Student/Teacher	Activity	9781614592082	Project - Wellness Practices in the Workplace	Workplace Issues
			Student/Teacher	Narrative	9781614592082	Employability Skills	
			Student/Teacher	Activity	9781614592082	Activity - The Physical Health Connection; Activity - The Physical Health Connection Answer Key	Employability Skills
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(C) demonstrate knowledge of personal and occupational safety, health, environmental regulations, and first-aid policy in the workplace	(iv) demonstrate knowledge of environmental regulations in the workplace	Student/Teacher	Narrative	9781614592082	Personal & Occupational Health & Safety	
			Student/Teacher	Narrative	9781614592082	Welding Shop Safety	
			Student/Teacher	Activity	9781614592082	Activity - Hazards Communications	Welding Shop Safety
			Student/Teacher	Narrative	9781614592082	Fertilizers & the Environment	
			Student/Teacher	Activity	9781614592082	Project - Environmental Concerns	Fertilizers & the Environment
			Teacher Only	Narrative			
Teacher Only							

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(C) demonstrate knowledge of personal and occupational safety, health, environmental regulations, and first-aid policy in the workplace	(v) demonstrate knowledge of first-aid policy in the workplace	Student/Teacher	Narrative	9781614592082	First Aid Basics	
			Student/Teacher	Activity	9781614592082	Project - First Aid Procedure Brochure; Project - First Aid Procedure Brochure Teacher Instruction Sheet	First Aid Basics
			Student/Teacher	Narrative	9781614592082	Welding Shop Safety	
			Student/Teacher	Activity	9781614592082	Activity - Emergency Plans	Welding Shop Safety
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(D) analyze employers' expectations, such as appropriate work habits, ethical conduct, legal responsibilities, and good citizenship skills	(i) analyze employers' expectations	Student/Teacher	Narrative	9781614592082	Employability Skills	
			Student/Teacher	Activity	9781614592082	Project - Personal Skills: Activity - Skills Flashcards; Activity - Work Habits: Good vs Bad; Activity - Work Habits: Good vs Bad Answer Key	Employability Skills
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(E) Identify careers in agriculture, food, and natural resources with required aptitudes in science, technology, engineering, mathematics, language arts, and social studies	(i) Identify careers in agriculture, food, and natural resources with required aptitudes in science	Student/Teacher	Narrative	9781614592082	Agribusiness Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking; Project - Career Presentation	Agribusiness Systems
			Student/Teacher	Narrative	9781614592082	Animal Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking; Project - Educational Career Path	Animal Systems
			Student/Teacher	Narrative	9781614592082	Environmental Service Systems; Food Products & Processing Systems; Natural Resources Systems; Plant Systems; Power, Structural & Technical Systems	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(E) Identify careers in agriculture, food, and natural resources with required aptitudes in science, technology, engineering, mathematics, language arts, and social studies	(ii) Identify careers in agriculture, food, and natural resources with required aptitudes in technology	Student/Teacher	Narrative	9781614592082	Agribusiness Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking; Project - Career Presentation	Agribusiness Systems
			Student/Teacher	Narrative	9781614592082	Animal Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking; Project - Educational Career Path	Animal Systems
			Student/Teacher	Narrative	9781614592082	Environmental Service Systems; Food Products & Processing Systems; Natural Resources Systems; Plant Systems; Power, Structural & Technical Systems	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(E) Identify careers in agriculture, food, and natural resources with required aptitudes in science, technology, engineering, mathematics, language arts, and social studies	(iii) Identify careers in agriculture, food, and natural resources with required aptitudes in engineering	Student/Teacher	Narrative	9781614592082	Agribusiness Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking; Project - Career Presentation	Agribusiness Systems
			Student/Teacher	Narrative	9781614592082	Animal Systems	



Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking; Project - Educational Career Path	Animal Systems
			Student/Teacher	Narrative	9781614592082	Environmental Service Systems; Food Products & Processing Systems; Natural Resources Systems; Plant Systems; Power, Structural & Technical Systems	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(E) Identify careers in agriculture, food, and natural resources with required aptitudes in science, technology, engineering, mathematics, language arts, and social studies	(iv) Identify careers in agriculture, food, and natural resources with required aptitudes in mathematics	Student/Teacher	Narrative	9781614592082	Agribusiness Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking; Project - Career Presentation	Agribusiness Systems
			Student/Teacher	Narrative	9781614592082	Animal Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking; Project - Educational Career Path	Animal Systems

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Environmental Service Systems; Food Products & Processing Systems; Natural Resources Systems; Plant Systems; Power, Structural & Technical Systems	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(E) Identify careers in agriculture, food, and natural resources with required aptitudes in science, technology, engineering, mathematics, language arts, and social studies	(v) Identify careers in agriculture, food, and natural resources with required aptitudes language arts	Student/Teacher	Narrative	9781614592082	Agribusiness Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking; Project - Career Presentation	Agribusiness Systems
			Student/Teacher	Narrative	9781614592082	Animal Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking; Project - Educational Career Path	Animal Systems

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Environmental Service Systems; Food Products & Processing Systems; Natural Resources Systems; Plant Systems; Power, Structural & Technical Systems	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(E) Identify careers in agriculture, food, and natural resources with required aptitudes in science, technology, engineering, mathematics, language arts, and social studies	(vi) Identify careers in agriculture, food, and natural resources with required aptitudes in social studies	Student/Teacher	Narrative	9781614592082	Agribusiness Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking; Project - Career Presentation	Agribusiness Systems
			Student/Teacher	Narrative	9781614592082	Animal Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking; Project - Educational Career Path	Animal Systems

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Environmental Service Systems; Food Products & Processing Systems; Natural Resources Systems; Plant Systems; Power, Structural & Technical Systems	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(2) The student develops an improved supervised agriculture experience program as it relates to agriculture, food, and natural resources. The student is expected to:	(A) plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity	(I) plan a supervised agriculture experience program as an experiential learning activity	Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: SAE Programs	
			Student/Teacher	Activity	9781614592082	Activity - Matching Experiences; Activity - Matching Experiences Answer Key; Activity - Selecting the Appropriate SAE; Activity - Selecting the Appropriate SAE Answer Key; Project - SAE Planning; Project - SAE Planning Contract; Student Handout - Factors for SAE Selection	Blue & Gold Basics: SAE Programs

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(2) The student develops an improved supervised agriculture experience program as it relates to agriculture, food, and natural resources. The student is expected to:	(A) plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity	(ii) propose a supervised agriculture experience program as an experiential learning activity	Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: SAE Programs	
			Student/Teacher	Activity	9781614592082	Activity - Matching Experiences; Activity - Matching Experiences Answer Key; Activity - Selecting the Appropriate SAE; Activity - Selecting the Appropriate SAE Answer Key; Project - SAE Planning; Project - SAE Planning Contract; Student Handout - Factors for SAE Selection	Blue & Gold Basics: SAE Programs
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only				
(2) The student develops an improved supervised agriculture experience program as it relates to agriculture, food, and natural resources. The student is expected to:	(A) plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity	(iii) conduct a supervised agriculture experience program as an experiential learning activity	Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: SAE Programs	
			Student/Teacher	Activity	9781614592082	Activity - Matching Experiences; Activity - Matching Experiences Answer Key; Activity - Selecting the Appropriate SAE; Activity - Selecting the Appropriate SAE Answer Key; Project - SAE Planning; Project - SAE Planning Contract; Student Handout - Factors for SAE Selection	Blue & Gold Basics: SAE Programs
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(2) The student develops an improved supervised agriculture experience program as it relates to agriculture, food, and natural resources. The student is expected to:	(A) plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity	(iv) document a supervised agriculture experience program as an experiential learning activity	Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: SAE Programs	
			Student/Teacher	Activity	9781614592082	Activity - Matching Experiences; Activity - Matching Experiences Answer Key; Activity - Selecting the Appropriate SAE; Activity - Selecting the Appropriate SAE Answer Key; Project - SAE Planning; Project - SAE Planning Contract; Student Handout - Factors for SAE Selection	Blue & Gold Basics: SAE Programs
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(2) The student develops an improved supervised agriculture experience program as it relates to agriculture, food, and natural resources. The student is expected to:	(A) plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity	(v) evaluate a supervised agriculture experience program as an experiential learning activity	Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: SAE Programs	
			Student/Teacher	Activity	9781614592082	Activity - Matching Experiences; Activity - Matching Experiences Answer Key; Activity - Selecting the Appropriate SAE; Activity - Selecting the Appropriate SAE Answer Key; Project - SAE Planning; Project - SAE Planning Contract; Student Handout - Factors for SAE Selection	Blue & Gold Basics: SAE Programs
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(2) The student develops an improved supervised agriculture experience program as it relates to agriculture, food, and natural resources. The student is expected to:	(B) apply proper record-keeping skills as they relate to the supervised agriculture experience	(i) apply proper record-keeping skills as they relate to the supervised agriculture experience	Student/Teacher	Narrative	9781614592082	Introduction to Record Keeping	
			Student/Teacher	Activity	9781614592082	Project - Introduction to Record Keeping	Introduction to Record Keeping



Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: SAE Programs	
			Student/Teacher	Activity	9781614592082	Project - SAE Planning; Project - SAE Planning Contract	Blue & Gold Basics: SAE Programs
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(2) The student develops an improved supervised agriculture experience program as it relates to agriculture, food, and natural resources. The student is expected to:	(C) participate in youth leadership opportunities to create a well-rounded experience program	(i) participate in youth leadership opportunities to create a well-rounded experience program	Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: What is FFA?	
			Student/Teacher	Activity	9781614592082	Student Handout - Program of Activities; Activity - Program of Activities; Project - FFA Group Lesson Plan	Blue & Gold Basics: What is FFA?
			Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: FFA Officers & Meetings	
			Student/Teacher	Activity	9781614592082	Activity - FFA Officer Duties; Activity - FFA Officer Duties Answer Key	Blue & Gold Basics: FFA Officers & Meetings
			Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: Career Development Events	
			Teacher Only	Narrative			
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only				
			Teacher Only				
			Teacher Only				
(2) The student develops an improved supervised agriculture experience program as it relates to agriculture, food, and natural resources. The student is expected to:	(D) produce and participate in a local program of activities using a strategic planning process	(i) produce a local program of activities using a strategic planning process	Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: What is FFA?	
			Student/Teacher	Activity	9781614592082	Student Handout - Program of Activities; Activity - Program of Activities; Project - FFA Group Lesson Plan	Blue & Gold Basics: What is FFA?
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(2) The student develops an improved supervised agriculture experience program as it relates to agriculture, food, and natural resources. The student is expected to:	(D) produce and participate in a local program of activities using a strategic planning process	(ii) participate in a local program of activities using a strategic planning process	Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: What is FFA?	
			Student/Teacher	Activity	9781614592082	Student Handout - Program of Activities; Activity - Program of Activities; Project - FFA Group Lesson Plan	Blue & Gold Basics: What is FFA?
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only				
			Teacher Only				
			Teacher Only				
(3) The student analyzes concepts related to global diversity. The student is expected to:	(A) compare and contrast global agricultural markets, currency, and trends	(i) compare and contrast global agricultural markets	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment V - Global Agriculture; Assessment V - Global Agriculture Answer Key; Activity - Global Marketing	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(3) The student analyzes concepts related to global diversity. The student is expected to:	(A) compare and contrast global agricultural markets, currency, and trends; and	(ii) compare and contrast global currency	Student/Teacher	Narrative	9781614592082	Global Industry	
			Student/Teacher	Activity	9781614592082	Activity - Trading Game; Activity - Trading Game Teacher Instruction Sheet; Activity - Global Economics	Global Industry
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(3) The student analyzes concepts related to global diversity. The student is expected to:	(A) compare and contrast global agricultural markets, currency, and trends; and	(iii) compare and contrast global trends	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment V - Global Agriculture; Assessment V - Global Agriculture Answer Key; Activity - Global Marketing	The World of Agriculture
			Student/Teacher	Narrative	9781614592082	Global Industry	
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(3) The student analyzes concepts related to global diversity. The student is expected to:	(B) evaluate marketing factors and practices that impact the global markets	(i) evaluate marketing factors that impact global markets	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment V - Global Agriculture; Assessment V - Global Agriculture Answer Key; Activity - Global Marketing	The World of Agriculture
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(3) The student analyzes concepts related to global diversity. The student is expected to:	(B) evaluate marketing factors and practices that impact the global markets	(ii) evaluate marketing practices that impact global markets	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Activity - Global Marketing	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(4) The student explains the historical, current, and future significance of the agricultural, food, and natural resources industry. The student is expected to:	(A) define the scope of agriculture	(i) define the scope of agriculture	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment I - What is Agriculture; Assessment I - What is Agriculture Answer Key; Activity - History of Agriculture	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(4) The student explains the historical, current, and future significance of the agricultural, food, and natural resources industry. The student is expected to:	(B) analyze the scope of agriculture, food, and natural resources and its effect upon society expected to:	(i) analyze the scope of agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment I - What is Agriculture; Assessment I - What is Agriculture Answer Key; Activity - History of Agriculture	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(4) The student explains the historical, current, and future significance of the agricultural, food, and natural resources industry. The student is expected to:	(B) analyze the scope of agriculture, food, and natural resources and its effect upon society expected to:	(ii) analyze the scope of agriculture, food, and natural resources' effect upon society	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment I - What is Agriculture; Assessment I - What is Agriculture Answer Key; Activity - History of Agriculture	The World of Agriculture
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(4) The student explains the historical, current, and future significance of the agricultural, food, and natural resources industry. The student is expected to:	(C) evaluate significant historical and current agriculture, food, and natural resource developments	(i) evaluate significant historical agriculture, food, and natural resource developments	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment I - What is Agriculture; Assessment I - What is Agriculture Answer Key; Activity - History of Agriculture	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(4) The student explains the historical, current, and future significance of the agricultural, food, and natural resources industry. The student is expected to:	(C) evaluate significant historical and current agriculture, food, and natural resource developments	(ii) evaluate significant current agriculture, food, and natural resource developments	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment III - Trends & Technology in Agriculture; Assessment III - Trends & Technology in Agriculture Answer Key	The World of Agriculture
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(4) The student explains the historical, current, and future significance of the agricultural, food, and natural resources industry. The student is expected to:	(D) identify potential future scenarios for agriculture, food, and natural resources systems, including global impacts	(i) identify potential future scenarios for agriculture, food, and natural resources systems, including global impacts	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment III - Trends & Technology in Agriculture; Assessment III - Trends & Technology in Agriculture Answer Key; Assessment V - Global Agriculture; Assessment V - Global Agriculture Answer Key	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				



Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(4) The student explains the historical, current, and future significance of the agricultural, food, and natural resources industry. The student is expected to:	(E) describe how emerging technologies and globalization impacts agriculture, food, and natural resources	(i) describe how emerging technologies impact agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment III - Trends & Technology in Agriculture; Assessment III - Trends & Technology in Agriculture Answer Key	The World of Agriculture
			Student/Teacher Student/Teacher Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(4) The student explains the historical, current, and future significance of the agricultural, food, and natural resources industry. The student is expected to:	(E) describe how emerging technologies and globalization impacts agriculture, food, and natural resources	(ii) describe how globalization impacts agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment V - Global Agriculture; Assessment V - Global Agriculture Answer Key; Activity - Global Marketing	The World of Agriculture
			Student/Teacher Student/Teacher Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only				
(4) The student explains the historical, current, and future significance of the agricultural, food, and natural resources industry. The student is expected to:	(F) compare and contrast issues impacting agriculture, food, and natural resources such as biotechnology, employment, safety, environment, and animal welfare issues	(i) compare and contrast issues impacting agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(5) The student analyzes the structure of agricultural, food, and natural resources leadership in organizations. The student is expected to:	(A) develop and demonstrate leadership skills and collaborate with others to accomplish organizational goals and objectives	(i) develop leadership skills	Student/Teacher	Narrative	9781614592082	Leadership Styles	
			Student/Teacher	Activity	9781614592082	Activity - Parts of a Leader; Project - Historical Leader	Leadership Styles
			Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: FFA Officers & Meetings	
			Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: Career Development Events	
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(5) The student analyzes the structure of agricultural, food, and natural resources leadership in organizations. The student is expected to:	(A) develop and demonstrate leadership skills and collaborate with others to accomplish organizational goals and objectives	(ii) demonstrate leadership skills	Student/Teacher	Narrative	9781614592082	Leadership Styles	
			Student/Teacher	Activity	9781614592082	Activity - Parts of a Leader; Project - Historical Leaders	Leadership Styles
			Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: FFA Officers & Meetings	
			Student/Teacher	Narrative	9781614592082	Blue & Gold Basics: Career Development Events	
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(5) The student analyzes the structure of agricultural, food, and natural resources leadership in organizations. The student is expected to:	(A) develop and demonstrate leadership skills and collaborate with others to accomplish organizational goals and objectives	(iii) collaborate with others to accomplish organizational goals and objectives	Student/Teacher	Narrative	9781614592082	Teamwork & Collaboration	
			Student/Teacher	Activity	9781614592082	Activity - Words of Teamwork; Activity - Team Roles; Project - Work-Related Problem Solving	Teamwork & Collaboration
			Student/Teacher	Narrative	9781614592082	Skills for Real World Survival	

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Activity	9781614592082	Activity - Team Building Exercise: Fill the Glass; Activity - Team Building Exercise: Fill the Glass Teacher Instruction Sheet	Skills for Real World Survival
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(5) The student analyzes the structure of agricultural, food, and natural resources leadership in organizations. The student is expected to:	(B) develop and demonstrate personal growth skills and collaborate with others to accomplish organizational goals and objectives	(i) develop personal growth skills	Student/Teacher	Narrative	9781614592082	Skills for Real World Survival	
			Student/Teacher	Activity	9781614592082	Activity - Goal Setting	Skills for Real World Survival
			Student/Teacher	Narrative	9781614592082	Employability Skills	
			Student/Teacher	Activity	9781614592082	Activity - Skills Flashcards; Project - Personal Skills	Employability Skills
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(5) The student analyzes the structure of agricultural, food, and natural resources leadership in organizations. The student is expected to:	(B) develop and demonstrate personal growth skills and collaborate with others to accomplish organizational goals and objectives	(ii) demonstrate personal growth skills	Student/Teacher	Narrative	9781614592082	Skills for Real World Survival	
			Student/Teacher	Activity	9781614592082	Activity - Goal Setting	Skills for Real World Survival
			Student/Teacher	Narrative	9781614592082	Employability Skills	
			Student/Teacher	Activity	9781614592082	Activity - Skills Flashcards; Project - Personal Skills	Employability Skills
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
(5) The student analyzes the structure of agricultural, food, and natural resources leadership in organizations. The student is expected to:	(B) develop and demonstrate personal growth skills and collaborate with others to accomplish organizational goals and objectives	(iii) collaborate with others to accomplish organizational goals and objectives	Student/Teacher	Narrative	9781614592082	Teamwork & Collaboration	
			Student/Teacher	Activity	9781614592082	Activity - Words of Teamwork; Activity - Team Roles; Project - Work-Related Problem Solving	Teamwork & Collaboration
			Student/Teacher	Narrative	9781614592082	Skills for Real World Survival	

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Activity	9781614592082	Activity - Team Building Exercise: Fill the Glass; Activity - Team Building Exercise: Fill the Glass Teacher Instruction Sheet	Skills for Real World Survival
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(6) The student demonstrates appropriate personal and communication skills. The student is expected to:	(A) demonstrate written and oral communication skills appropriate for formal and informal situations such as prepared and extemporaneous presentations	(i) demonstrate written communication skills appropriate for formal situations	Student/Teacher	Narrative	9781614592082	Written Communication Practices	
			Student/Teacher	Activity	9781614592082	Project - Informative Pamphlet	Written Communication Practices
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(6) The student demonstrates appropriate personal and communication skills. The student is expected to:	(A) demonstrate written and oral communication skills appropriate for formal and informal situations such as prepared and extemporaneous presentations	(ii) demonstrate written communication skills appropriate for informal situations	Student/Teacher	Narrative	9781614592082	Written Communication Practices	
			Student/Teacher	Activity	9781614592082	Activity - Blog	Written Communication Practices
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(6) The student demonstrates appropriate personal and communication skills. The student is expected to:	(A) demonstrate written and oral communication skills appropriate for formal and informal situations such as prepared and extemporaneous presentations	(iii) demonstrate oral communication skills appropriate for formal situations	Student/Teacher	Narrative	9781614592082		Public Speaking Basics
			Student/Teacher	Activity	9781614592082		Activity - Communication Circle Teacher Instruction Sheet; Activity - Audience Mix Up Teacher Instruction Sheet; Project - City Council; Project - City Council Teacher Instruction Sheet; Project - Speech Evaluation
			Student/Teacher				Public Speaking Basics
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(6) The student demonstrates appropriate personal and communication skills. The student is expected to:	(A) demonstrate written and oral communication skills appropriate for formal and informal situations such as prepared and extemporaneous presentations	(iv) demonstrate oral communication skills appropriate for informal situations	Student/Teacher	Narrative	9781614592082	Public Speaking Basics	
			Student/Teacher	Activity	9781614592082	Activity - Communication Circle Teacher Instruction Sheet; Activity - Audience Mix Up Teacher Instruction Sheet; Project - City Council; Project - City Council Teacher Instruction Sheet; Project - Speech Evaluation	Public Speaking Basics
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(6) The student demonstrates appropriate personal and communication skills. The student is expected to:	(B) demonstrate effective listening skills appropriate for formal and informal situations	(i) demonstrate effective listening skills appropriate for formal situations	Student/Teacher	Narrative	9781614592082	Listening 101	
			Student/Teacher	Activity	9781614592082	Activity - Bus Driver Listening Teacher Instruction Sheet; Project - Newsletter	Listening 101
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				



Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(6) The student demonstrates appropriate personal and communication skills. The student is expected to:	(B) demonstrate effective listening skills appropriate for formal and informal situations	(ii) demonstrate effective listening skills appropriate for informal situations	Student/Teacher	Narrative	9781614592082	Listening 101	
			Student/Teacher	Activity	9781614592082	Activity - Bus Driver Listening Teacher Instruction Sheet; Activity - Draw What You Hear Teacher Instruction Sheet	Listening 101
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(7) The student applies appropriate research methods to agriculture, food, and natural resources topics. The student is expected to:	(A) discuss major research and developments in the fields of agriculture, food, and natural resources	(i) discuss major research in the fields of agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment III - Trends & Technology in Agriculture; Assessment III - Trends & Technology in Agriculture Answer Key	The World of Agriculture

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Field Trip: U.S. Meat Animal Research Center	
			Student/Teacher	Narrative	9781614592082	Biotechnology - Uses in the Food Industry	
			Student/Teacher	Narrative	9781614592082	Biotechnology - Fetal Programming ; Emerging Technologies : Molecular Methods	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(7) The student applies appropriate research methods to agriculture, food, and natural resources topics. The student is expected to:	(A) discuss major research and development fields of agriculture, food, and natural resources;	(ii) discuss major developments in the fields of agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment III - Trends & Technology in Agriculture; Assessment III - Trends & Technology in Agriculture Answer Key	The World of Agriculture
			Student/Teacher	Narrative	9781614592082	Field Trip: U.S. Meat Animal Research Center	
			Student/Teacher	Narrative	9781614592082	Biotechnology - Uses in the Food Industry	
			Student/Teacher	Narrative	9781614592082	Biotechnology - Fetal Programming ; Emerging Technologies : Molecular Methods	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(7) The student applies appropriate research methods to agriculture, food, and natural resources topics. The student is expected to:	(B) use a variety of resources for research and development	(i) use a variety of resources for research	Student/Teacher	Narrative	9781614592082	Researching Strategies & Tactics	
			Student/Teacher	Activity	9781614592082	Activity - Who's Your Source?	Researching Strategies & Tactics
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(7) The student applies appropriate research methods to agriculture, food, and natural resources topics. The student is expected to:	(B) use a variety of resources for research and development	(ii) use a variety of resources for development	Student/Teacher	Narrative	9781614592082	Researching Strategies & Tactics	
			Student/Teacher	Activity	9781614592082	Project - Blog/Movie; Project - Historical Figure Essay	Researching Strategies & Tactics
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(7) The student applies appropriate research methods to agriculture, food, and natural resources topics. The student is expected to:	(C) describe scientific methods of research	(i) describe scientific methods of research	Student/Teacher	Narrative	9781614592082	Scientific Procedures & Safety	
			Student/Teacher	Activity	9781614592082	Activity - Designing an Experiment; Activity - Designing an Experiment Answer Key	Scientific Procedures & Safety
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(8) The student applies problem-solving, mathematical, and organizational skills in order to maintain financial and logistical records. The student is expected to:	(A) develop a formal business plan	(i) develop a formal business plan	Student/Teacher	Narrative	9781614592082	Agricultural Business: Management	
			Student/Teacher	Activity	9781614592082	Project - Business Plan	Agricultural Business: Management
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(8) The student applies problem-solving, mathematical, and organizational skills in order to maintain financial and logistical records. The student is expected to:	(B) develop, maintain, and analyze records	(i) develop records	Student/Teacher	Narrative	9781614592082	Business Documents & Technology	
			Student/Teacher	Narrative	9781614592082	Agricultural Business: Management	

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Activity	9781614592082	Project - Business Plan	Agricultural Business: Management
			Student/Teacher	Narrative	9781614592082	Budgeting for Agribusiness	
			Student/Teacher	Activity	9781614592082	Activity - Types of Budgets; Project - Budgeting for Agribusiness; Project - Budgeting for Agribusiness Teacher Instruction Sheet	Budgeting for Agribusiness
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(8) The student applies problem-solving, mathematical, and organizational skills in order to maintain financial and logistical records. The student is expected to:	(B) develop, maintain, and analyze records	(ii) maintain records	Student/Teacher	Narrative	9781614592082	Business Documents & Technology	
			Student/Teacher	Activity	9781614592082	Activity - Document Flow Chart	Business Documents & Technology
			Student/Teacher	Narrative	9781614592082	Records & Filing	
			Student/Teacher	Activity	9781614592082	Project - Filing Procedures	Records & Filing
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(8) The student applies problem-solving, mathematical, and organizational skills in order to maintain financial and logistical records. The student is expected to:	(B) develop, maintain, and analyze records	(iii) analyze records	Student/Teacher	Narrative	9781614592082	Business Documents & Technology	
			Student/Teacher	Narrative	9781614592082	Agricultural Business: Management	
			Student/Teacher	Activity	9781614592082	Project - Business Plan	Agricultural Business: Management
			Student/Teacher	Narrative	9781614592082	Budgeting for Agribusiness	
			Student/Teacher	Activity	9781614592082	Activity - Types of Budgets; Project - Budgeting for Agribusiness; Project - Budgeting for Agribusiness Teacher Instruction Sheet	Budgeting for Agribusiness
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(9) The student uses information technology tools to access, manage, integrate, and create information related to agriculture, food, and natural resources. The student is expected to:	(A) apply technology applications such as industry-relevant software and Internet applications	(i) apply technology applications	Student/Teacher	Narrative	9781614592082	Internet Basics	
			Student/Teacher	Activity	9781614592082	Activity - Internet Scavenger Hunt; Activity - Internet Scavenger Hunt Answer Key; Project - Internet How-To Manual; Project - Research the Research	Internet Basics
			Student/Teacher	Narrative	9781614592082	Workplace Technology	
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(9) The student uses information technology tools to access, manage, integrate, and create information related to agriculture, food, and natural resources. The student is expected to:	(B) utilize collaborative, groupware, and virtual meeting software	(i) utilize collaborative software	Student/Teacher	Narrative	9781614592082	Skills for Real World Survival	
			Student/Teacher	Activity	9781614592082	Activity - Collaborative Software; Activity - Collaborative Software Teacher Instruction Sheet	Skills for Real World Survival
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(9) The student uses information technology tools to access, manage, integrate, and create information related to agriculture, food, and natural resources. The student is expected to:	(B) utilize collaborative, groupware, and virtual meeting software	(ii) utilize groupware software	Student/Teacher	Narrative	9781614592082	Skills for Real World Survival	
			Student/Teacher	Activity	9781614592082	Activity - Collaborative Software; Activity - Collaborative Software Teacher Instruction Sheet	Skills for Real World Survival
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(9) The student uses information technology tools to access, manage, integrate, and create information related to agriculture, food, and natural resources. The student is expected to:	(B) utilize collaborative, groupware, and virtual meeting software	(iii) utilize virtual meeting software	Student/Teacher	Narrative	9781614592082	Workplace Technology	
			Student/Teacher	Activity	9781614592082	Project - Virtual Meeting Software	Workplace Technology
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			



Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(9) The student uses information technology tools to access, manage, integrate, and create information related to agriculture, food, and natural resources. The student is expected to:	(C) analyze the benefits and limitations of emerging technology such as online mapping systems, drones, and robotics	(i) analyze the benefits of emerging technology	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment III - Trends & Technology in Agriculture; Assessment III - Trends & Technology in Agriculture Answer Key	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(9) The student uses information technology tools to access, manage, integrate, and create information related to agriculture, food, and natural resources. The student is expected to:	(C) analyze the benefits and limitations of emerging technology such as online mapping systems, drones, and robotics	(ii) analyze the limitations of emerging technology	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment III - Trends & Technology in Agriculture; Assessment III - Trends & Technology in Agriculture Answer Key	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(9) The student uses information technology tools to access, manage, integrate, and create information related to agriculture, food, and natural resources. The student is expected to:	(D) explain the benefits of computer based and mobile application equipment in agriculture, food, and natural resources	(i) explain the benefits of computer based equipment in agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment III - Trends & Technology in Agriculture; Assessment III - Trends & Technology in Agriculture Answer Key	The World of Agriculture
			Student/Teacher	Narrative	9781614592082	Geographic Information Systems (GIS) & Global Positioning Systems (GPS)	
			Student/Teacher	Activity	9781614592082	Activity - Land, Sea & Air	Geographic Information Systems (GIS) & Global Positioning Systems (GPS)
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(9) The student uses information technology tools to access, manage, integrate, and create information related to agriculture, food, and natural resources. The student is expected to:	(D) explain the benefits of computer based and mobile application equipment in agriculture, food, and natural resources	(ii) explain the benefits of mobile application equipment in agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Assessment III - Trends & Technology in Agriculture; Assessment III - Trends & Technology in Agriculture Answer Key	The World of Agriculture
			Student/Teacher	Narrative	9781614592082	Geographic Information Systems (GIS) & Global Positioning Systems (GPS)	
			Student/Teacher	Activity	9781614592082	Activity - Land, Sea & Air	Geographic Information Systems (GIS) & Global Positioning Systems (GPS)
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(10) The student develops technical knowledge and skills related to soil systems. The student is expected to:	(A) identify the components and properties of soils	(i) identify the components of soils	Student/Teacher	Narrative	9781614592082	Field Trip: DigIt! The Secrets of Soil	
			Student/Teacher	Activity	9781614592082	Activity - Importance of Soil; Activity - Importance of Soil Answer Key; Activity - Soil Horizons; Activity - Soil Horizons Answer Key; Activity - Soil Orders; Project - Presentation; Project - Soil Texture; Project - State Soils	Field Trip: DigIt! The Secrets of Soil
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(10) The student develops technical knowledge and skills related to soil systems. The student is expected to:	(A) identify the components and properties of soils	(ii) identify the properties of soils	Student/Teacher	Narrative	9781614592082	Field Trip: DigIt! The Secrets of Soil	
			Student/Teacher	Activity	9781614592082	Activity - Importance of Soil; Activity - Importance of Soil Answer Key; Activity - Soil Horizons; Activity - Soil Horizons Answer Key; Activity - Soil Orders; Project - Presentation; Project - Soil Texture; Project - State Soils	Field Trip: DigIt! The Secrets of Soil
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(10) The student develops technical knowledge and skills related to soil systems. The student is expected to:	(B) identify and describe the process of soil formation	(i) identify the process of soil formation	Student/Teacher	Narrative	9781614592082	Soil Formation & Evaluation	
			Student/Teacher	Activity	9781614592082	Activity - Soil Profile Illustration; Activity - Soil Water Types; Project - Soil Food Web	Soil Formation & Evaluation
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(10) The student develops technical knowledge and skills related to soil systems. The student is expected to:	(B) identify and describe the process of soil formation	(ii) describe the process of soil formation	Student/Teacher	Narrative	9781614592082	Soil Formation & Evaluation	
			Student/Teacher	Activity	9781614592082	Activity - Soil Profile Illustration; Activity - Soil Water Types; Project - Soil Food Web	Soil Formation & Evaluation
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(10) The student develops technical knowledge and skills related to soil systems. The student is expected to:	(C) conduct experiments related to soil chemistry	(i) conduct experiments related to soil chemistry	Student/Teacher	Narrative	9781614592082	Fertilizers & Soil Amendments	
			Student/Teacher	Activity	9781614592082	Activity - Ideal pH Ranges; Project - Soil pH Test	Fertilizers & Soil Amendments
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(A) describe the structure and functions of plant parts	(i) describe the structure of plant parts	Student/Teacher	Narrative	9781614592082	Anatomy of Plants	
			Student/Teacher	Activity	9781614592082	Activity - Flower Identification; Activity - Flower Identification Answer Key; Activity - Fruit Types; Activity - Fruit Types Answer Key; Activity - Plant Cell Structure; Activity - Plant Cell Structure Answer Key; Project - 3-D Diagram; Project - Leaf Structure; Project - Plant Part Presentation	Anatomy of Plants
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(A) describe the structure and functions of plant parts	(ii) describe the function of plant parts	Student/Teacher	Narrative	9781614592082	Anatomy of Plants	
			Student/Teacher	Activity	9781614592082	Project - Plant Part Presentation	Anatomy of Plants
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(B) discuss and apply plant germination, growth, and development	(i) discuss plant germination	Student/Teacher	Narrative	9781614592082	Fundamental Plant Processes	
			Student/Teacher	Activity	9781614592082	Activity - Germination Test	Fundamental Plant Processes
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(B) discuss and apply plant germination, growth, and development	(ii) discuss plant growth	Student/Teacher	Narrative	9781614592082	Fundamental Plant Processes	
			Student/Teacher	Activity	9781614592082	Vocabulary Handout; Assessment IV - Plant Growth; Assessment IV - Plant Growth Answer Key	Fundamental Plant Processes
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				



Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(B) discuss and apply plant germination, growth, and development	(iii) discuss plant development	Student/Teacher	Narrative	9781614592082	Plant Nutrition	
			Student/Teacher	Activity	9781614592082	Vocabulary Handout; Activity - Crop Nutrient Requirements; Activity - Plant Adaptations; Activity - Plant Adaptations Answer Key; Activity - Soil Types; Project - Fertilizer Bags; Project - Phototropism; Project - Plant Adaptations	Plant Nutrition
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(B) discuss and apply plant germination, growth, and development	(iv) apply plant germination	Student/Teacher	Narrative	9781614592082	Fundamental Plant Processes	
			Student/Teacher	Activity	9781614592082	Activity - Germination Test	Fundamental Plant Processes
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(B) discuss and apply plant germination, growth, and development	(v) apply plant growth	Student/Teacher	Narrative	9781614592082	Plant Nutrition	
			Student/Teacher	Activity	9781614592082	Vocabulary Handout; Activity - Crop Nutrient Requirements; Activity - Plant Adaptations; Activity - Plant Adaptations Answer Key; Activity - Soil Types; Project - Fertilizer Bags; Project - Phototropism; Project - Plant Adaptations	Plant Nutrition
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(B) discuss and apply plant germination, growth, and development	(vi) apply plant development	Student/Teacher	Narrative	9781614592082	Plant Nutrition	
			Student/Teacher	Activity	9781614592082	Vocabulary Handout; Activity - Crop Nutrient Requirements; Activity - Plant Adaptations; Activity - Plant Adaptations Answer Key; Activity - Soil Types; Project - Fertilizer Bags; Project - Phototropism; Project - Plant Adaptations	Plant Nutrition
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(C) describe plant reproduction, genetics, and breeding	(i) describe plant reproduction	Student/Teacher	Narrative	9781614592082	Plant Genetics	
			Student/Teacher	Activity	9781614592082	Activity - Plant Reproduction ; Project - Mitosis; Vocabulary Handout	Plant Genetics
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(C) describe plant reproduction, genetics, and breeding	(ii) describe plant genetics	Student/Teacher	Narrative	9781614592082	Plant Genetics	
			Student/Teacher	Activity	9781614592082	Activity - Probability Theory; Activity - Probability Theory Teacher Instruction Sheet; Vocabulary Handout	Plant Genetics
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(C) describe plant reproduction, genetics, and breeding	(iii) describe plant breeding	Student/Teacher	Narrative	9781614592082	Plant Genetics	
			Student/Teacher	Activity	9781614592082	Project - Cross Breeding Plants; Vocabulary Handout	Plant Genetics
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(D) identify plants of importance to agriculture, food, and natural resources	(i) identify plants of importance to agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	Benefits of the Horticulture Industry; Activity - Erosion Study	Benefits of the Horticulture Industry; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard.
			Student/Teacher	Narrative	9781614592082	Scientific Classification & Nomenclature of Plants	
			Student/Teacher	Activity	9781614592082	Activity - Plant Uses	Scientific Classification & Nomenclature of Plants
			Student/Teacher	Narrative	9781614592082	Crop Production in the United States: Southern Region	

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Activity	9781614592082	Activity - County Crop Production; Activity - Think-Pair-Share; Activity - Think-Pair-Share Teacher Instruction Sheet; Activity - Tic-Tac-Toe Quiz; Activity - Tic-Tac-Toe Quiz Teacher Instruction Sheet	Crop Production in the United States: Southern Region
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(E) use tools, equipment, and personal protective equipment common to plant systems	(i) use tools common to plant systems	Student/Teacher	Narrative	9781614592082	Landscape Tools: Use & Safety	
			Student/Teacher	Activity	9781614592082	Vocabulary Handout; Assessment; Assessment Answer Key	Landscape Tools: Use & Safety
			Student/Teacher	Narrative	9781614592082	Floral Design Tools	
			Student/Teacher	Activity	9781614592082	Project - Floral Design Tools	Floral Design Tools
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(E) use tools, equipment, and personal protective equipment common to plant systems	(ii) use equipment common to plant systems	Student/Teacher	Narrative	9781614592082	Fertilizers & the Environment	
			Student/Teacher	Activity	9781614592082	Activity - Fertilizer Equipment; Activity - Fertilizer Equipment Answer Key	Fertilizers & the Environment
			Student/Teacher	Narrative	9781614592082	Farm Implements: Tillage	
			Student/Teacher	Narrative	9781614592082	Farm Implements: Pre-Harvest & Harvest	
			Student/Teacher	Narrative	9781614592082	Farm Implements: Planting & Cultivation	
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(11) The student develops technical knowledge and skills related to plant systems. The student is expected to:	(E) use tools, equipment, and personal protective equipment common to plant systems	(iii) use personal protective equipment common to plant systems	Student/Teacher	Narrative	9781614592082	Fertilizers & the Environment	
			Student/Teacher	Activity	9781614592082	Activity - Fertilizer Equipment; Activity - Fertilizer Equipment Answer Key	Fertilizers & the Environment
			Student/Teacher	Narrative	9781614592082	Landscape Tools: Use & Safety	
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(12) The student develops technical knowledge and skills related to animal systems. The student is expected to:	(A) describe animal growth and development	(i) describe animal growth	Student/Teacher	Narrative	9781614592082	Plants & Animals: What's the Difference	
			Student/Teacher	Activity	9781614592082	Project - Cell Model; Project - Infancy	Plants & Animals: What's the Difference
			Student/Teacher	Narrative	9781614592082	Prenatal Animal Growth & Development	
			Student/Teacher	Activity	9781614592082	Activity - Endoderm, Mesoderm & Ectoderm ; Activity - Endoderm, Mesoderm & Ectoderm Answer Key	Prenatal Animal Growth & Development
			Student/Teacher	Narrative	9781614592082	Conception to Consumer	
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(12) The student develops technical knowledge and skills related to animal systems. The student is expected to:	(A) describe animal growth and development	(ii) describe animal development	Student/Teacher	Narrative	9781614592082	Plants & Animals: What's the Difference	
			Student/Teacher	Activity	9781614592082	Project - Cell Model; Project - Infancy	Plants & Animals: What's the Difference
			Student/Teacher	Narrative	9781614592082	Prenatal Animal Growth & Development	



Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Activity	9781614592082	Activity - Endoderm, Mesoderm & Ectoderm ; Activity - Endoderm, Mesoderm & Ectoderm Answer Key	Prenatal Animal Growth & Development
			Student/Teacher	Narrative	9781614592082	Conception to Consumer	
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(12) The student develops technical knowledge and skills related to animal systems. The student is expected to:	(B) identify animal anatomy and physiology	(i) identify animal anatomy	Student/Teacher	Narrative	9781614592082	External Anatomy of Livestock: Terms & Terminology	
			Student/Teacher	Activity	9781614592082	Activity - Anatomical Terms of Location; Activity - Cattle Parts Diagram; Activity - Cattle Parts Diagram Answer Key; Activity - Goat Parts Diagram; Activity - Goat Parts Diagram Answer Key; Activity - Horse Parts Diagram; Activity - Horse Parts Diagram Answer Key; Activity - Sheep Parts Diagram; Activity - Sheep Parts Diagram Answer Key	External Anatomy of Livestock: Terms & Terminology

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Digestive System; Endocrine, Immune & Integumentary Systems; Nervous, Skeletal & Muscular Systems; Circulatory & Respiratory Systems	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Student/Teacher	Activity	9781614592082	Activity - System Outline; Project - Model System	PLEASE NOTE: Due to space limitations, more than one activity correlation is listed on this line. These activities are designed to coincide with all Body System lessons listed in the row above.
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(12) The student develops technical knowledge and skills related to animal systems. The student is expected to:	(B) identify animal anatomy and physiology	(ii) identify animal physiology	Student/Teacher	Narrative	9781614592082	External Anatomy of Livestock: Terms & Terminology	
			Student/Teacher	Activity	9781614592082	Activity - Anatomical Terms of Location; Activity - Cattle Parts Diagram; Activity - Cattle Parts Diagram Answer Key; Activity - Goat Parts Diagram; Activity - Goat Parts Diagram Answer Key; Activity - Horse Parts Diagram; Activity - Horse Parts Diagram Answer Key; Activity - Sheep Parts Diagram; Activity - Sheep Parts Diagram Answer Key	External Anatomy of Livestock: Terms & Terminology
			Student/Teacher	Narrative	9781614592082	Digestive System; Endocrine, Immune & Integumentary Systems; Nervous, Skeletal & Muscular Systems; Circulatory & Respiratory Systems	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Student/Teacher	Activity	9781614592082	Activity - System Outline; Project - Model System	PLEASE NOTE: Due to space limitations, more than one activity correlation is listed on this line. These activities are designed to coincide with all Body System lessons listed in the row above.
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(12) The student develops technical knowledge and skills related to animal systems. The student is expected to:	(C ) identify and evaluate breeds and classes of livestock	(i) identify breeds of livestock	Student/Teacher	Narrative	9781614592082	Livestock Breed Identification: Cattle	
			Student/Teacher	Activity	9781614592082	Activity - Board Races	Livestock Breed Identification: Cattle
			Student/Teacher	Narrative	9781614592082	Livestock Breed Identification: Goats	
			Student/Teacher	Activity	9781614592082	Activity - Breed Match; Activity - Breed Match Answer Key; Activity - Breed Match Teacher Instruction Sheet	Livestock Breed Identification: Goats
			Student/Teacher	Narrative	9781614592082	Livestock Breed Identification: Sheep; Livestock Breed Identification: Swine; Livestock Breed Identification: Poultry	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(12) The student develops technical knowledge and skills related to animal systems. The student is expected to:	(C ) identify and evaluate breeds and classes of livestock	(ii) identify classes of livestock	Student/Teacher	Narrative	9781614592082	Basic Animal Science	
			Student/Teacher	Activity	9781614592082	Project - Animal Evaluation	Basic Animal Science
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(12) The student develops technical knowledge and skills related to animal systems. The student is expected to:	(C ) identify and evaluate breeds and classes of livestock	(iii) evaluate breeds of livestock	Student/Teacher	Narrative	9781614592082	Livestock Breed Identification: Cattle	
			Student/Teacher	Activity	9781614592082	Activity - Board Races	Livestock Breed Identification: Cattle
			Student/Teacher	Narrative	9781614592082	Livestock Breed Identification: Goats	
			Student/Teacher	Activity	9781614592082	Activity - Breed Match; Activity - Breed Match Answer Key; Activity - Breed Match Teacher Instruction Sheet	Livestock Breed Identification: Goats
			Student/Teacher	Narrative	9781614592082	Livestock Breed Identification: Sheep; Livestock Breed Identification: Swine; Livestock Breed Identification: Poultry	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(12) The student develops technical knowledge and skills related to animal systems. The student is expected to:	(C ) identify and evaluate breeds and classes of livestock	(iv) evaluate classes of livestock	Student/Teacher	Narrative	9781614592082	Basic Animal Science	
			Student/Teacher	Activity	9781614592082	Project - Animal Evaluation	Basic Animal Science
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(12) The student develops technical knowledge and skills related to animal systems. The student is expected to:	(D) explain animal selection, reproduction, breeding, and genetics	(i) explain animal selection	Student/Teacher	Narrative	9781614592082	Livestock Judging Fundamentals	
			Student/Teacher	Activity	9781614592082	Project - Selection Criteria	Livestock Judging Fundamentals
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(12) The student develops technical knowledge and skills related to animal systems. The student is expected to:	(D) explain animal selection, reproduction, breeding, and genetics	(ii) explain animal reproduction	Student/Teacher	Narrative	9781614592082	Basic Animal Reproduction	
			Student/Teacher	Activity	9781614592082	Activity - System Outline; Project - Model Systems	Basic Animal Reproduction
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(12) The student develops technical knowledge and skills related to animal systems. The student is expected to:	(D) explain animal selection, reproduction, breeding, and genetics	(iii) explain animal breeding	Student/Teacher	Narrative	9781614592082	Livestock Reproduction	
			Student/Teacher	Activity	9781614592082	Activity - Breeding Tables; Activity - Career Connections; Activity - Cloning Flow Chart; Activity - Pros and Cons of Various Breeding Methods; Project - Cloning Debate; Project - Develop a Breeding Plan; Project - Teach a Livestock Breeding Method	Livestock Reproduction
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(12) The student develops technical knowledge and skills related to animal systems. The student is expected to:	(D) explain animal selection, reproduction, breeding, and genetics	(iv) explain animal genetics	Student/Teacher	Narrative	9781614592082	Fundamental Animal Microgenetics	
			Student/Teacher	Activity	9781614592082	Vocabulary Handout; Project - Meiosis vs. Mitosis	Fundamental Animal Microgenetics
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(13) The student describes the principles of food products and processing systems. The student is expected to:	(A) evaluate food products and processing systems	(i) evaluate food products and processing systems	Student/Teacher	Narrative	9781614592082	Dairy Products Production	
			Student/Teacher	Activity	9781614592082	Activity - Production Design	Dairy Products Production
			Student/Teacher	Narrative	9781614592082	Value Added & Specialty Products	
			Student/Teacher	Activity	9781614592082	Activity - Value Added Process	Value Added & Specialty Products



Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Vegetable Production; Fruit & Nut Production; Poultry Products Production; Grades and Classes of Seafood and Fish	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(13) The student describes the principles of food products and processing systems. The student is expected to:	(B) determine trends in world food production	(i) determine trends in world food production	Student/Teacher	Narrative	9781614592082	Farm to Plate	
			Student/Teacher	Activity	9781614592082	Activity - Trust but Verify; Activity - True or False	Farm to Plate
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(13) The student describes the principles of food products and processing systems. The student is expected to:	(C) discuss current issues in food production	(i) discuss current issues in food production	Student/Teacher	Narrative	9781614592082	Farm to Plate	
			Student/Teacher	Activity	9781614592082	Activity - Trust but Verify; Activity - True or False	Farm to Plate

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(13) The student describes the principles of food products and processing systems. The student is expected to:	(D) use tools, equipment, and personal protective equipment common to food products and processing systems	(i) use tools common to food products and processing systems	Student/Teacher	Narrative	9781614592082	Would Your Kitchen Pass Inspection?	
			Student/Teacher	Activity	9781614592082	Project - Kitchen Checklist; Activity - Safety and Sanitation Teacher Instruction Sheet	Would Your Kitchen Pass Inspection?
			Student/Teacher	Narrative	9781614592082	Food Industry Safety	
			Student/Teacher	Narrative	9781614592082	Dairy Products Production; Fruit & Nut Production; Grades and Classes of Seafood and Fish	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Student/Teacher	Narrative	9781614592082	Poultry Products Production; Value Added & Specialty Products; Vegetable Production	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(13) The student describes the principles of food products and processing systems. The student is expected to:	(D) use tools, equipment, and personal protective equipment common to food products and processing systems	(ii) use equipment common to food products and processing systems	Student/Teacher	Narrative	9781614592082	Would Your Kitchen Pass Inspection?	
			Student/Teacher	Activity	9781614592082	Project - Kitchen Checklist; Activity - Safety and Sanitation Teacher Instruction Sheet	Would Your Kitchen Pass Inspection?
			Student/Teacher	Narrative	9781614592082	Food Industry Safety	
			Student/Teacher	Narrative	9781614592082	Dairy Products Production; Fruit & Nut Production; Grades and Classes of Seafood and Fish	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Student/Teacher	Narrative	9781614592082	Poultry Products Production; Value Added & Specialty Products; Vegetable Production	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(13) The student describes the principles of food products and processing systems. The student is expected to:	(D) use tools, equipment, and personal protective equipment common to food products and processing systems	(iii) use personal protective equipment common to food products and processing systems	Student/Teacher	Narrative	9781614592082	Would Your Kitchen Pass Inspection?	
			Student/Teacher	Activity	9781614592082	Project - Kitchen Checklist; Activity - Safety and Sanitation Teacher Instruction Sheet	Would Your Kitchen Pass Inspection?

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Food Industry Safety	
			Student/Teacher	Narrative	9781614592082	Dairy Products Production; Fruit & Nut Production; Grades and Classes of Seafood and Fish	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Student/Teacher	Narrative	9781614592082	Poultry Products Production; Value Added & Specialty Products; Vegetable Production	PLEASE NOTE: Due to space limitations, more than one narrative correlation lesson is listed on this line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(A) identify major areas of power, structural, and technical systems	(i) identify major areas of power, structural, and technical systems	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Narrative	9781614592082	Power, Structural & Technical Systems	
			Student/Teacher	Narrative	9781614592082	Mechanized Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Invention of Machinery	Mechanized Agriculture
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(B) use safe and appropriate laboratory procedures and policies	(i) use safe laboratory procedures	Student/Teacher	Narrative	9781614592082	Personal & Occupational Health & Safety	
			Student/Teacher	Activity	9781614592082	Activity - Safety Inspection Checklist; Activity - Hazard Solutions; Activity - Hazard Solutions Teacher Instruction Sheet	Personal & Occupational Health & Safety
			Student/Teacher	Narrative	9781614592082	Basic Shop Safety	
			Student/Teacher	Activity	9781614592082	Activity - Shop Safety Report; Activity - First Response Procedures; Activity - First Response Procedures Teacher Instruction Sheet	Basic Shop Safety
			Student/Teacher	Narrative	9781614592082	Welding Shop Safety; Activity - Emergency Plans; Activity - Hazard Communications; Project - Safety Colors; Project - Safety Rules	Welding Shop Safety; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(B) use safe and appropriate laboratory procedures and policies	(ii) use safe laboratory policies	Student/Teacher	Narrative	9781614592082	Personal & Occupational Health & Safety	
			Student/Teacher	Activity	9781614592082	Activity - Safety Inspection Checklist; Activity - Hazard Solutions; Activity - Hazard Solutions Teacher Instruction Sheet	Personal & Occupational Health & Safety
			Student/Teacher	Narrative	9781614592082	Basic Shop Safety	
			Student/Teacher	Activity	9781614592082	Activity - Shop Safety Report; Activity - First Response Procedures; Activity - First Response Procedures Teacher Instruction Sheet	Basic Shop Safety
			Student/Teacher	Narrative	9781614592082	Welding Shop Safety; Activity - Emergency Plans; Activity - Hazard Communications; Project - Safety Colors; Project - Safety Rules	Welding Shop Safety; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(B) use safe and appropriate laboratory procedures and policies	(iii) use appropriate laboratory procedures	Student/Teacher	Narrative	9781614592082	Personal & Occupational Health & Safety	
			Student/Teacher	Activity	9781614592082	Activity - Safety Inspection Checklist; Activity - Hazard Solutions; Activity - Hazard Solutions Teacher Instruction Sheet	Personal & Occupational Health & Safety
			Student/Teacher	Narrative	9781614592082	Basic Shop Safety	
			Student/Teacher	Activity	9781614592082	Activity - Shop Safety Report; Activity - First Response Procedures; Activity - First Response Procedures Teacher Instruction Sheet	Basic Shop Safety
			Student/Teacher	Narrative	9781614592082	Welding Shop Safety; Activity - Emergency Plans; Activity - Hazard Communications; Project - Safety Colors; Project - Safety Rules	Welding Shop Safety; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(B) use safe and appropriate laboratory procedures and policies	(iv) use appropriate laboratory policies	Student/Teacher	Narrative	9781614592082	Personal & Occupational Health & Safety	
			Student/Teacher	Activity	9781614592082	Activity - Safety Inspection Checklist; Activity - Hazard Solutions; Activity - Hazard Solutions Teacher Instruction Sheet	Personal & Occupational Health & Safety
			Student/Teacher	Narrative	9781614592082	Basic Shop Safety	
			Student/Teacher	Activity	9781614592082	Activity - Shop Safety Report; Activity - First Response Procedures; Activity - First Response Procedures Teacher Instruction Sheet	Basic Shop Safety
			Student/Teacher	Narrative	9781614592082	Welding Shop Safety; Activity - Emergency Plans; Activity - Hazard Communications; Project - Safety Colors; Project - Safety Rules	Welding Shop Safety; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				



Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(C) create proposals that include bill of materials, budget, schedule, drawings, and technical skills developed for basic power, structural, and technical system projects or structures	(i) create proposals that include bill of materials developed for basic power, structural, and technical system projects or structures	Student/Teacher	Narrative	9781614592082	Project Management Skills	
			Student/Teacher	Activity	9781614592082	Project - Project Phases & Organization	Project Management Skills
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(C) create proposals that include bill of materials, budget, schedule, drawings, and technical skills developed for basic power, structural, and technical system projects or structures	(ii) create proposals that include budget developed for basic power, structural, and technical system projects or structures	Student/Teacher	Narrative	9781614592082	Project Management Skills	
			Student/Teacher	Activity	9781614592082	Project - Project Phases & Organization	Project Management Skills
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(C) create proposals that include bill of materials, budget, schedule, drawings, and technical skills developed for basic power, structural, and technical system projects or structures	(iii) create proposals that include schedule developed for basic power, structural, and technical system projects or structures	Student/Teacher	Narrative	9781614592082	Project Management Skills	
			Student/Teacher	Activity	9781614592082	Project - Project Phases & Organization	Project Management Skills
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(C) create proposals that include bill of materials, budget, schedule, drawings, and technical skills developed for basic power, structural, and technical system projects or structures	(iv) create proposals that include drawings developed for basic power, structural, and technical system projects or structures	Student/Teacher	Narrative	9781614592082		Project Management Skills
			Student/Teacher	Activity	9781614592082		Project - Project Phases & Organization Project Management Skills
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(C) create proposals that include bill of materials, budget, schedule, drawings, and technical skills developed for basic power, structural, and technical system projects or structures	(v) create proposals that include technical skills developed for basic power, structural, and technical system projects or structures	Student/Teacher	Narrative	9781614592082		Project Management Skills
			Student/Teacher	Activity	9781614592082		Project - Project Phases & Organization Project Management Skills
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only				
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(D) identify building materials and fasteners	(i) identify building materials	Student/Teacher	Narrative	9781614592082	Installation: Roofing	
			Student/Teacher	Activity	9781614592082	Activity - Tool & Material ID; Activity - Tool & Material ID Answer Key	Installation: Roofing
			Student/Teacher	Narrative	9781614592082	Installation: Windows	
			Student/Teacher	Activity	9781614592082	Activity - Tool & Material ID; Activity - Tool & Material ID Answer Key	Installation: Windows
			Student/Teacher	Narrative	9781614592082	Installation: Doors; Activity - Tool & Material ID; Activity - Tool & Material ID Answer Key	Installation: Doors; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(D) identify building materials and fasteners	(ii) identify fasteners	Student/Teacher	Narrative	9781614592082	Installation: Roofing	
			Student/Teacher	Activity	9781614592082	Activity - Tool & Material ID; Activity - Tool & Material ID Answer Key	Installation: Roofing

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Installation: Windows; Activity - Tool & Material ID; Activity - Tool & Material ID Answer Key	Installation: Windows; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard.
			Student/Teacher	Narrative	9781614592082	Installation: Doors; Activity - Tool & Material ID; Activity - Tool & Material ID Answer Key	Installation: Doors; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard.
			Student/Teacher	Narrative	9781614592082	Striking & Struck Tools: Safety, Operation & ID; Activity - Tool Use; Project - Tool Demonstration	Striking & Struck Tools: Safety, Operation & ID; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one line. Several lessons and corresponding activities satisfy this standard.
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(E) use tools, equipment, and personal protective equipment common to power, structural, and technical systems	(i) use tools common to power, structural, and technical systems	Student/Teacher	Narrative	9781614592082	Shielded Metal Arc Welding: Preparation & Safety	
			Student/Teacher	Activity	9781614592082	Project - Inspection and Set-Up	Shielded Metal Arc Welding: Preparation & Safety
			Student/Teacher	Narrative	9781614592082	Large Metal Power Tools: Safety & Operation	
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(E) use tools, equipment, and personal protective equipment common to power, structural, and technical systems	(ii) use equipment common to power, structural, and technical systems	Student/Teacher	Narrative	9781614592082	Personal & Occupational Health & Safety	
			Student/Teacher	Activity	9781614592082	Activity - Personal Protective Equipment	Personal & Occupational Health & Safety
			Student/Teacher	Narrative	9781614592082	Welding Shop Safety	
			Student/Teacher	Activity	9781614592082	Project - Personal Protective Equipment	Welding Shop Safety
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(14) The student safely performs basic power, structural, and technical system skills in agricultural applications. The student is expected to:	(E) use tools, equipment, and personal protective equipment common to power, structural, and technical systems	(iii) use personal protective equipment common to power, structural, and technical systems	Student/Teacher	Narrative	9781614592082	Personal & Occupational Health & Safety	
			Student/Teacher	Activity	9781614592082	Activity - Personal Protective Equipment	Personal & Occupational Health & Safety
			Student/Teacher	Narrative	9781614592082	Welding Shop Safety	
			Student/Teacher	Activity	9781614592082	Project - Personal Protective Equipment	Welding Shop Safety
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(A) determine the effects of agriculture, food, and natural resources upon safety, health, and the environment	(i) determine the effects of agriculture, food, and natural resources upon safety	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(A) determine the effects of agriculture, food, and natural resources upon safety, health, and the environment	(ii) determine the effects of agriculture, food, and natural resources upon health	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(A) determine the effects of agriculture, food, and natural resources upon safety, health, and the environment	(iii) determine the effects of agriculture, food, and natural resources upon the environment	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(B) identify regulations relating to safety, health, and environmental systems in agriculture, food, and natural resources	(i) identify regulations relating to safety in agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(B) identify regulations relating to safety, health, and environmental systems in agriculture, food, and natural resources	(ii) identify regulations relating to health in agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(B) identify regulations relating to safety, health, and environmental systems in agriculture, food, and natural resources	(iii) identify regulations relating to environmental systems in agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(C) identify and design methods to maintain and improve safety, health, and environmental systems in agriculture, food, and natural resources	(i) identify methods to maintain safety in agriculture, food and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				



Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(C) identify and design methods to maintain and improve safety, health, and environmental systems in agriculture, food, and natural resources	(ii) identify methods to maintain health in agriculture, food and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(C) identify and design methods to maintain and improve safety, health, and environmental systems in agriculture, food, and natural resources	(iii) identify methods to maintain environmental systems in agriculture, food and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(C) identify and design methods to maintain and improve safety, health, and environmental systems in agriculture, food, and natural resources	(iv) identify methods to improve safety in agriculture, food and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(C) identify and design methods to maintain and improve safety, health, and environmental systems in agriculture, food, and natural resources	(v) identify methods to improve health in agriculture, food and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(C) identify and design methods to maintain and improve safety, health, and environmental systems in agriculture, food, and natural resources	(vi) identify methods to improve environmental systems in agriculture, food and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(C) identify and design methods to maintain and improve safety, health, and environmental systems in agriculture, food, and natural resources	(vii) design methods to maintain safety in agriculture, food and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(C) identify and design methods to maintain and improve safety, health, and environmental systems in agriculture, food, and natural resources	(viii) design methods to maintain health in agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(C) identify and design methods to maintain and improve safety, health, and environmental systems in agriculture, food, and natural resources	(ix) design methods to maintain environmental systems in agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(C) identify and design methods to maintain and improve safety, health, and environmental systems in agriculture, food, and natural resources	(x) design methods to improve safety in agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(C) identify and design methods to maintain and improve safety, health, and environmental systems in agriculture, food, and natural resources	(xi) design methods to improve health in agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(C) identify and design methods to maintain and improve safety, health, and environmental systems in agriculture, food, and natural resources	(xii) design methods to improve environmental systems in agriculture, food and natural resources	Student/Teacher	Narrative	9781614592082	The World of Agriculture	
			Student/Teacher	Activity	9781614592082	Project - Agricultural Solutions	The World of Agriculture
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(D) research and analyze alternative energy sources that stem from or impact agriculture, food, and natural resources	(i) research alternative energy sources that stem from or impact agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	Environmental Resources: Renewable & Non-Renewable Resources and Energy	
			Student/Teacher	Activity	9781614592082	Activity - Biomass Speech	Environmental Resources: Renewable & Non-Renewable Resources and Energy
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(D) research and analyze alternative energy sources that stem from or impact agriculture, food, and natural resources	(ii) analyze alternative energy sources that stem from or impact agriculture, food, and natural resources	Student/Teacher	Narrative	9781614592082	Environmental Resources: Renewable & Non-Renewable Resources and Energy	
			Student/Teacher	Activity	9781614592082	Activity - Biomass Speech	Environmental Resources: Renewable & Non-Renewable Resources and Energy
			Student/Teacher				
			Student/Teacher				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(E) evaluate energy and water conservation methods	(i) evaluate energy conservation methods	Student/Teacher	Narrative	9781614592082	Environmental Resources: Renewable & Non-Renewable Resources and Energy	
			Student/Teacher	Activity	9781614592082	Activity - Resource Preservation Paper	Environmental Resources: Renewable & Non-Renewable Resources and Energy
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(15) The student explains the relationship between agriculture, food, and natural resources and the environment. The student is expected to:	(E) evaluate energy and water conservation methods	(ii) evaluate water conservation methods	Student/Teacher	Narrative	9781614592082	Water Resources	
			Student/Teacher	Activity	9781614592082	Project - Water Conservation Plan	Water Resources
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				