



TEKS CORRELATIONS & SUGGESTED PACING GUIDE

Horticultural Science



iCEV Agricultural Science Site

Meets 100% of TEKS

303 days of teaching material

Scope & Sequence	Lesson Title	TEKS	Days of Teaching
1	Scientific Classification & Nomenclature of Plants	3.A.i; 3.A.ii; 4.B.i; 4.B.ii	9
2	Techniques in Plant ID	3.A.ii	4
3	Horticulture Plant ID: Floral	3.A.ii	3
4	Horticulture Plant ID: Foliage	3.A.ii	2
5	Introduction to Greenhouse Management	3.B.i	5
6	Container Grown Plants	3.B.i	4
7	Growing Media for Landscape Plants	3.B.i	4
8	Planting Trees & Shrubs	3.B.i	4
9	Potted Plant Production	3.B.i	4
10	Plant Propagation I	3.C.i; 3.C.ii; 4.C.i; 4.D.i	2
11	Plant Propagation II	3.C.i	2
12	Floral Design Basics: Principles & Elements	3.D.i; 3.D.ii	7
13	Floral Design Basics: Techniques	3.D.i; 3.D.ii	8
14	Wedding Arrangements	3.D.i; 3.D.ii	6
15	Special Arrangements	3.D.i; 3.D.ii	8
16	Bereavement Arrangements	3.D.i; 3.D.ii	5
17	Landscape Design: Introduction	3.E.i; 3.E.ii	5
18	Landscape Design: Design Process	3.E.i; 3.E.ii	2
19	Fruit & Nut Production	3.F.i; 3.F.ii	7
20	Vegetable Production	3.F.iii	7
21	Advanced Pruning	3.G.i	4
22	Anatomy of Plants	4.A.i; 4.A.ii; 4.A.iii; 4.A.iv; 4.A.v; 4.B.i; 4.B.ii	5
23	Plant Structures & Functions	4.A.i; 4.A.ii; 4.A.iii; 4.A.iv; 4.A.v; 4.B.i; 4.B.ii	5
24	Plant Genetics	4.A.i; 4.A.ii; 4.D.i	8
25	Fundamental Plant Processes	4.C.i	7
26	Bedding Plant Production	4.C.ii	5
27	Foliage Plant Production	4.C.ii; 6.B.i	4
28	Plant Pests: Bacterial Diseases	5.A.ii	7
29	Plant Pests: Chewing Insects	5.A.i	7
30	Plant Pests: Fungal Diseases	5.A.ii	7
31	Plant Pests: Sucking Insects	5.A.i	6
32	Plant Pests: Vertebrates	5.A.i	1
33	Plant Pests: Weeds	5.A.i	9
34	Plant Pests: Viruses	5.A.ii	1
35	Diseases Of Landscape Plants	5.A.ii	3

Scope & Sequence	Lesson Title	TEKS	Days of Teaching
36	Pesticides & Herbicides: An Introduction	5.B.i; 5.B.ii; 5.B.iii; 5.B.iv; 5.C.i	5
37	Pesticide Safety: Minimal Risk To The Applicator	5.B.i; 5.B.ii; 5.B.iii; 5.B.iv; 5.C.i	3
38	Pesticide Safety in the Landscape	5.B.i; 5.B.ii; 5.B.iii; 5.B.iv	5
39	Floral Design Tools	6.A.i; 6.B.i	5
40	Landscape Tools: Use & Safety	6.A.i; 6.A.ii; 6.A.iii; 6.A.iv; 6.A.v; 6.A.vi; 6.C.i; 6.C.ii	4
41	Power Blower	6.A.iii; 6.A.iv; 6.A.v; 6.A.vi; 6.C.i; 6.C.ii	1
42	Power Shears	6.A.iii; 6.A.iv; 6.A.v; 6.A.vi; 6.C.i; 6.C.ii	1
43	Rotary Edger/Trimmer	6.A.iv; 6.A.v; 6.A.vi; 6.C.i; 6.C.ii	1
44	String Trimmer	6.A.iii; 6.C.i; 6.C.ii	1
45	Pruning Informal & Formal Hedges	6.A.i; 6.B.ii	3
46	Pruning Roses	6.A.i; 6.B.i	3
47	Budding & Grafting	6.B.i	5
48	Business Ownership & Registration	6.D.i; 6.D.ii	4
49	Career Opportunities: Floral Industry	6.D.i; 6.D.ii	7
50	Competition & Free Enterprise	6.E.i	5
51	The World of Agriculture	1.B.i; 1.B.ii	12
52	Career Cluster: Agriculture, Food & Natural Resources	1.A.i; 1.A.ii	7
53	Plant Systems	1.A.i; 1.A.ii; 1.B.i; 1.B.ii; 1.B.iii; 1.B.iv	2
54	Formulas for Career Success: Career Testing & Investigation	1.A.i; 1.A.ii	8
55	Internships 101: The Importance of Internships	1.A.i; 1.A.ii	2
56	Employability Skills	1.B.iii; 1.B.iv; 1.D.i; 1.D.ii	5
57	Workplace Issues	1.C.i; 1.C.ii	4
58	Citizenship Basics	1.E.i; 1.E.ii; 1.E.iii	9
59	Blue & Gold Basics: SAE Programs	2.A.i; 2.A.ii; 2.A.iii; 2.A.iv; 2.A.v; 2.B.i	5
60	Introduction to Record Keeping	2.B.i	3
61	Blue & Gold Basics: What is FFA?	2.C.i; 2.D.i; 2.D.ii	6
62	Blue & Gold Basics: FFA Officers & Meetings	2.C.i	8
63	Blue & Gold Basics: Career Development Events	2.C.i	2

Correlations to the Texas Essential Knowledge and Skills (TEKS): Student/Teacher Material

Subject	Chapter 130. Texas Essential Knowledge and Skills for Career & Technical Education
Subchapter	Subchapter A. Agriculture, Food, And Natural Resources
Course	§130.23. Horticultural Science (One Credit), Adopted 2015.
Publisher	CEV Multimedia, Ltd.
Program Title	iCEV Agricultural Science Site
Program ISBN	9781614592082
TEKS Coverage (%)	100.00%

(a) **General requirements.** This course is recommended for students in Grades 10-12. 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) Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticulture and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer 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 and entrepreneurship opportunities in the field of horticulture	(i) identify career development opportunities in the field of horticulture	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	Plant Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking	Plant Systems
			Student/Teacher	Narrative	9781614592082	Formulas for Career Success; Career Testing & Investigation; Internships 101; The Importance of Internships	

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:	(A) identify career development and entrepreneurship opportunities in the field of horticulture	(ii) identify entrepreneurship opportunities in the field of horticulture	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	Plant Systems	
			Student/Teacher	Activity	9781614592082	Activity - Career Ranking	Plant Systems
			Student/Teacher	Narrative	9781614592082	Formulas for Career Success: Career Testing & Investigation; Internships 101: The Importance of Internships	
			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, and systems of operation in horticulture	(i) apply competencies related to resources in horticulture	Student/Teacher	Narrative	9781614592082	Plant Systems	
			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

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				
(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, and systems of operation in horticulture	(ii) apply competencies related to information in horticulture	Student/Teacher	Narrative	9781614592082	Plant Systems	
			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				
(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, and systems of operation in horticulture	(iii) apply competencies related to interpersonal skills in horticulture	Student/Teacher	Narrative	9781614592082	Plant Systems	
			Student/Teacher	Narrative	9781614592082	Employability Skills	
			Student/Teacher	Activity	9781614592082	Activity - Skills Flashcards: Project - Personal Skills	Employability Skills
			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:	(B) apply competencies related to resources, information, interpersonal skills, and systems of operation in horticulture	(iv) apply competencies related to systems of operation in horticulture	Student/Teacher	Narrative	9781614592082	Plant Systems	
			Student/Teacher	Narrative	9781614592082	Employability Skills	
			Student/Teacher	Activity	9781614592082	Activity - Skills Flashcards: Project - Personal Skills	Employability Skills
			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
(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 practices in the workplace	(i) demonstrate knowledge of personal safety practices 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				
			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 practices in the workplace	(ii) demonstrate knowledge of occupational safety practices 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				
			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
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(D) identify employer expectations and appropriate work habits	(i) identify employer 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				
			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:	(D) identify employer expectations and appropriate work habits	(ii) identify appropriate work habits	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				
			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:	(E) demonstrate characteristics of good citizenship, including advocacy, stewardship, and community leadership	(i) demonstrate characteristics of good citizenship, including advocacy	Student/Teacher	Narrative	9781614592082	Citizenship Basics	
			Student/Teacher	Activity	9781614592082	Activity - Citizenship: What's it to You?: Project - Serving the Community	Citizenship Basics
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(E) demonstrate characteristics of good citizenship, including advocacy, stewardship, and community leadership	(ii) demonstrate characteristics of good citizenship, including stewardship	Student/Teacher	Narrative	9781614592082	Citizenship Basics	
			Student/Teacher	Activity	9781614592082	Activity - Citizenship: What's it to You?: Project - Serving the Community	Citizenship Basics
			Student/Teacher				
			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
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(E) demonstrate characteristics of good citizenship, including advocacy, stewardship, and community leadership	(iii) demonstrate characteristics of good citizenship, including community leadership	Student/Teacher	Narrative	9781614592082	Citizenship Basics	
			Student/Teacher	Activity	9781614592082	Activity - Citizenship: What's it to You?: Project - Serving the Community	Citizenship Basics
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(2) The student develops a supervised agriculture experience program. 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
			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				
(2) The student develops a supervised agriculture experience program. 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				
			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 a supervised agriculture experience program. 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				
			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 a supervised agriculture experience program. 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 a supervised agriculture experience program. 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 a supervised agriculture experience program. 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
			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

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				
(2) The student develops a supervised agriculture experience program. 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				
			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 a supervised agriculture experience program. 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				
			Teacher Only				
(2) The student develops a supervised agriculture experience program. 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				
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(A) classify horticultural plants based on physiology for taxonomic and other classifications	(i) classify horticultural plants based on physiology for taxonomic classifications	Student/Teacher	Narrative	9781614592082	Scientific Classification & Nomenclature of Plants	
			Student/Teacher	Activity	9781614592082	Activity - Classifying Plants	Scientific Classification & Nomenclature of Plants
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(A) classify horticultural plants based on physiology for taxonomic and other classifications	(ii) classify horticultural plants based on physiology for other classifications	Student/Teacher	Narrative	9781614592082	Scientific Classification & Nomenclature of Plants	
			Student/Teacher	Activity	9781614592082	Activity - Classifying Plants	Scientific Classification & Nomenclature of Plants
			Student/Teacher	Narrative	9781614592082	Horticulture Plant ID: Floral; Project - Floral Plants	Horticulture Plant ID: Floral: 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	Horticulture Plant ID: Foliage; Project - Foliage Plants	Horticulture Plant ID: Foliage: 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	Techniques in Plant ID: Project - Techniques in Plant ID	Techniques in Plant 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				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(B) manage the horticultural production environment	(i) manage the horticultural production environment	Student/Teacher	Narrative	9781614592082	Potted Plant Production; Planting Trees & Shrubs; Growing Media for Landscape Plants; Container	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	Project - Potted Plant Production	Potted Plant Production
			Student/Teacher	Activity	9781614592082	Project - Planting Trees & Shrubs	Planting Trees & Shrubs
			Student/Teacher	Activity	9781614592082	Project - Growing Media for Landscape Plants	Growing Media for Landscape Plants
			Student/Teacher	Narrative	9781614592082	Introduction to Greenhouse Management; Project - Introduction to Greenhouse Management	Introduction to Greenhouse Management; 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				
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(C) propagate and grow horticultural plants	(i) propagate horticultural plants	Student/Teacher	Narrative	9781614592082	Plant Propagation I	
			Student/Teacher	Activity	9781614592082	Project - Better Propagation; Project - Growing Marigolds	Plant Propagation I
			Student/Teacher	Narrative	9781614592082	Plant Propagation II	
			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
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(C) propagate and grow horticultural plants	(ii) grow horticultural plants	Student/Teacher	Narrative	9781614592082	Plant Propagation I	
			Student/Teacher	Activity	9781614592082	Project - Growing Marigolds	Plant Propagation I
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(D) create a design using plants that demonstrates an application of design elements and principles	(i) create a design using plants that demonstrates an application of design elements	Student/Teacher	Narrative	9781614592082	Floral Design Basics: Principles & Elements; Floral Design Basics: Techniques	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	Special Arrangements: Bereavement Arrangements; Wedding Arrangements	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 - Christmas Designs	Special Arrangements
			Student/Teacher	Activity	9781614592082	Activity - Potted Plant	Bereavement Arrangements
			Student/Teacher	Activity	9781614592082	Activity - Bridal Bouquet	Wedding Arrangements
			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
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(D) create a design using plants that demonstrates an application of design elements and principles	(ii) create a design using plants that demonstrates an application of design principles	Student/Teacher	Narrative	9781614592082	Floral Design Basics: Principles & Elements; Floral Design Basics: Techniques	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	Special Arrangements; Bereavement Arrangements; Wedding Arrangements	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 - Christmas Designs	Special Arrangements
			Student/Teacher	Activity	9781614592082	Activity - Potted Plant	Bereavement Arrangements
			Student/Teacher	Activity	9781614592082	Activity - Bridal Bouquet	Wedding Arrangements
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(E) design and establish landscapes	(i) design landscapes	Student/Teacher	Narrative	9781614592082	Landscape Design: Introduction	
			Student/Teacher	Activity	9781614592082	Project - Landscape Design: Project - Landscape Design Teacher Instruction Sheet	Landscape Design: Introduction
			Student/Teacher	Narrative	9781614592082	Landscape Design: Design Process	
			Student/Teacher	Activity	9781614592082	Activity - Landscape Design	Landscape Design: Design Process
			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				
			Teacher Only				
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(E) design and establish landscapes	(ii) establish landscapes	Student/Teacher	Narrative	9781614592082	Landscape Design: Introduction	
			Student/Teacher	Activity	9781614592082	Project - Landscape Design: Project - Landscape Design Teacher Instruction Sheet	Landscape Design: Introduction
			Student/Teacher	Narrative	9781614592082	Landscape Design: Design Process	
			Student/Teacher	Activity	9781614592082	Activity - Landscape Design	Landscape Design: Design Process
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(F) describe the processes of fruit, nut, and vegetable production	(i) describe the processes of fruit production	Student/Teacher	Narrative	9781614592082	Fruit & Nut Production	
			Student/Teacher	Activity	9781614592082	Project - Fruity & Nutty States	Fruit & Nut Production
			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
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(F) describe the processes of fruit, nut, and vegetable production	(ii) describe the processes of nut production	Student/Teacher	Narrative	9781614592082	Fruit & Nut Production	
			Student/Teacher	Activity	9781614592082	Project - Fruity & Nutty States	Fruit & Nut Production
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(F) describe the processes of fruit, nut, and vegetable production	(iii) describe the processes of vegetable production	Student/Teacher	Narrative	9781614592082	Vegetable Production	
			Student/Teacher	Activity	9781614592082	Activity - Picking Process: Activity - Picking Process Teacher Instruction Sheet: Activity - Production Cards: Project - Vegetable Farms	Vegetable Production
			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
(3) The student develops technical skills associated with the management and production of horticultural plants. The student is expected to:	(G) demonstrate proper pruning techniques	(i) demonstrate proper pruning techniques	Student/Teacher	Narrative	9781614592082	Advanced Pruning	
			Student/Teacher	Activity	9781614592082	Project - Advanced Pruning	Advanced Pruning
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(4) The student identifies structures and physiological processes used in plant production. The student is expected to:	(A) examine unique plant properties to identify and describe functional differences in plant structures, including roots, stems, flowers, leaves, and fruit	(i) examine unique plant properties to identify functional differences in plant structures, including roots	Student/Teacher	Narrative	9781614592082	Plant Structures & Functions	
			Student/Teacher	Narrative	9781614592082	Anatomy of Plants	
			Student/Teacher	Activity	9781614592082	Assessment II - Plant Structures; Assessment II - Plant Structures Answer Key	Anatomy of Plants
			Student/Teacher	Narrative	9781614592082	Plant Genetics	
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(4) The student identifies structures and physiological processes used in plant production. The student is expected to:	(A) examine unique plant properties to identify and describe functional differences in plant structures, including roots, stems, flowers, leaves, and fruit	(ii) examine unique plant properties to describe functional differences in plant structures, including stems	Student/Teacher	Narrative	9781614592082	Plant Structures & Functions	
			Student/Teacher	Narrative	9781614592082	Anatomy of Plants	

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Activity	9781614592082	Assessment II - Plant Structures; Assessment II - Plant Structures Answer Key; Assessment III - Final Assessment; Assessment III - Final Assessment Answer Key	Anatomy of Plants
			Student/Teacher	Narrative	9781614592082	Plant Genetics	
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(4) The student identifies structures and physiological processes used in plant production. The student is expected to:	(A) examine unique plant properties to identify and describe functional differences in plant structures, including roots, stems, flowers, leaves, and fruit	(iii) examine unique plant properties to describe functional differences in plant structures, including flowers	Student/Teacher	Narrative	9781614592082	Plant Structures & Functions	
			Student/Teacher	Narrative	9781614592082	Anatomy of Plants	
			Student/Teacher	Activity	9781614592082	Activity - Flower Identification; Activity - Flower Identification Answer Key; Assessment III - Final Assessment; Assessment III - Final Assessment Answer Key	Anatomy of Plants
			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 identifies structures and physiological processes used in plant production. The student is expected to:	(A) examine unique plant properties to identify and describe functional differences in plant structures, including roots, stems, flowers, leaves, and fruit	(iv) examine unique plant properties to describe functional differences in plant structures, including leaves	Student/Teacher	Narrative	9781614592082	Plant Structures & Functions	
			Student/Teacher	Narrative	9781614592082	Anatomy of Plants	
			Student/Teacher	Activity	9781614592082	Project - Leaf Structure; Assessment III - Final Assessment; Assessment III - Final Assessment Answer Key	Anatomy of Plants
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(4) The student identifies structures and physiological processes used in plant production. The student is expected to:	(A) examine unique plant properties to identify and describe functional differences in plant structures, including roots, stems, flowers, leaves, and fruit	(v) examine unique plant properties to describe functional differences in plant structures, including fruit	Student/Teacher	Narrative	9781614592082	Plant Structures & Functions	
			Student/Teacher	Narrative	9781614592082	Anatomy of Plants	
			Student/Teacher	Activity	9781614592082	Activity - Fruit Types; Activity - Fruit Types Answer Key	Anatomy of Plants
			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
(4) The student identifies structures and physiological processes used in plant production. The student is expected to:	(B) differentiate between monocots and dicots and male and female plants	(i) differentiate between monocots and dicots	Student/Teacher	Narrative	9781614592082	Plant Structures & Functions	
			Student/Teacher	Narrative	9781614592082	Scientific Classification & Nomenclature of Plants	
			Student/Teacher	Activity	9781614592082	Project - Plant Press	Scientific Classification & Nomenclature of Plants
			Student/Teacher	Narrative	9781614592082	Anatomy of Plants	
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(4) The student identifies structures and physiological processes used in plant production. The student is expected to:	(B) differentiate between monocots and dicots and male and female plants	(ii) differentiate between male plants and female plants	Student/Teacher	Narrative	9781614592082	Plant Structures & Functions	
			Student/Teacher	Narrative	9781614592082	Scientific Classification & Nomenclature of Plants	
			Student/Teacher	Narrative	9781614592082	Anatomy of Plants	
			Student/Teacher	Activity	9781614592082	Activity - Venn Diagram	Anatomy of Plants
			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
(4) The student identifies structures and physiological processes used in plant production. The student is expected to:	(C) germinate seeds and transplant seedlings	(i) germinate seeds	Student/Teacher	Narrative	9781614592082	Plant Propagation I	
			Student/Teacher	Activity	9781614592082	Project - Growing Marigolds	Plant Propagation I
			Student/Teacher	Narrative	9781614592082	Fundamental Plant Processes	
			Student/Teacher	Activity	9781614592082	Activity - Germination Test	Fundamental Plant Processes
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
(4) The student identifies structures and physiological processes used in plant production. The student is expected to:	(C) germinate seeds and transplant seedlings	(ii) transplant seedlings	Student/Teacher	Narrative	9781614592082	Bedding Plant Production	
			Student/Teacher	Narrative	9781614592082	Foliage Plant Production	
			Student/Teacher	Activity	9781614592082	Additional Instructional Strategies	Foliage Plant Production
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
(4) The student identifies structures and physiological processes used in plant production. The student is expected to:	(D) demonstrate asexual propagation techniques	(i) demonstrate asexual propagation techniques	Student/Teacher	Narrative	9781614592082	Plant Genetics	
			Student/Teacher	Activity	9781614592082	Activity - Plant Reproduction	Plant Genetics
			Teacher Only				
			Teacher Only				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Plant Propagation I	
			Student/Teacher	Activity	9781614592082	Project - Better Propagation	Plant Propagation I
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(5) The student manages and controls common pests of horticultural plants. The student is expected to:	(A) identify common horticultural pests and pathogens	(i) identify common horticultural pests	Student/Teacher	Narrative	9781614592082	Plant Pests: Chewing Insects; Plant Pests: Sucking Insects; Plant Pests: Vertebrates	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 - Flash Cards: Activity - Visual Association	Plant Pests: Chewing Insects
			Student/Teacher	Activity	9781614592082	Activity - Flash Cards: Activity - Visual Association	Plant Pests: Sucking Insects
			Student/Teacher	Activity	9781614592082	Project - Applied Research	Plant Pests: Vertebrates
			Student/Teacher	Narrative	9781614592082	Plant Pests: Weeds; Project - Weed Identification	Plant Pests: Weeds; 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				
(5) The student manages and controls common pests of horticultural plants. The student is expected to:	(A) identify common horticultural pests and pathogens	(ii) identify common horticultural pathogens	Student/Teacher	Narrative	9781614592082	Plant Pests: Bacterial Diseases; Plant Pests: Fungal Diseases; Plant Pests: Viruses	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	Activity - Flash Cards: Activity - Visual Association	Plant Pests: Bacterial Diseases
			Student/Teacher	Narrative	9781614592082	Project - Fungal Disease Poster	Plant Pests: Fungal Diseases

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Activity - Group Discussion	Plant Pests: Viruses
			Student/Teacher	Activity	9781614592082	Diseases of Landscape Plants: Project - Disease Research	Diseases of Landscape Plants: 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				
(5) The student manages and controls common pests of horticultural plants. The student is expected to:	(B) demonstrate safe practices in selecting, applying, storing, and disposing of chemicals	(i) demonstrate safe practices in selecting chemicals	Student/Teacher	Narrative	9781614592082	Pesticides & Herbicides: An Introduction	
			Student/Teacher	Narrative	9781614592082	Pesticide Safety in the Landscape	
			Student/Teacher	Activity	9781614592082	Project - Pesticide Safety	Pesticide Safety in the Landscape
			Student/Teacher	Narrative	9781614592082	Pesticide Safety: Minimal Risk to the Applicator	
			Student/Teacher	Activity	9781614592082	Project - Pesticide Safety	Pesticide Safety: Minimal Risk to the Applicator
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(5) The student manages and controls common pests of horticultural plants. The student is expected to:	(B) demonstrate safe practices in selecting, applying, storing, and disposing of chemicals	(ii) demonstrate safe practices in applying chemicals	Student/Teacher	Narrative	9781614592082	Pesticides & Herbicides: An Introduction	
			Student/Teacher	Narrative	9781614592082	Pesticide Safety in the Landscape	
			Student/Teacher	Activity	9781614592082	Project - Pesticide Safety	Pesticide Safety in the Landscape

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Narrative	9781614592082	Pesticide Safety: Minimal Risk to the Applicator	
			Student/Teacher	Activity	9781614592082	Project - Pesticide Safety	Pesticide Safety: Minimal Risk to the Applicator
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(5) The student manages and controls common pests of horticultural plants. The student is expected to:	(B) demonstrate safe practices in selecting, applying, storing, and disposing of chemicals	(iii) demonstrate safe practices in storing chemicals	Student/Teacher	Narrative	9781614592082	Pesticides & Herbicides: An Introduction	
			Student/Teacher	Narrative	9781614592082	Pesticide Safety in the Landscape	
			Student/Teacher	Activity	9781614592082	Project - Pesticide Safety	Pesticide Safety in the Landscape
			Student/Teacher	Narrative	9781614592082	Pesticide Safety: Minimal Risk to the Applicator	
			Student/Teacher	Activity	9781614592082	Project - Pesticide Safety	Pesticide Safety: Minimal Risk to the Applicator
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(5) The student manages and controls common pests of horticultural plants. The student is expected to:	(B) demonstrate safe practices in selecting, applying, storing, and disposing of chemicals	(iv) demonstrate safe practices in disposing of chemicals	Student/Teacher	Narrative	9781614592082	Pesticides & Herbicides: An Introduction	
			Student/Teacher	Narrative	9781614592082	Pesticide Safety in the Landscape	
			Student/Teacher	Activity	9781614592082	Project - Pesticide Safety	Pesticide Safety in the Landscape
			Student/Teacher	Narrative	9781614592082	Pesticide Safety: Minimal Risk to the Applicator	

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Activity	9781614592082	Project - Pesticide Safety	Pesticide Safety: Minimal Risk to the Applicator
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(5) The student manages and controls common pests of horticultural plants. The student is expected to:	(C) explain parts of a pesticide label	(i) explain parts of a pesticide label	Student/Teacher	Narrative	9781614592082	Pesticides & Herbicides: An Introduction	
			Student/Teacher	Narrative	9781614592082	Pesticide Safety: Minimal Risk to the Applicator	
			Student/Teacher	Activity	9781614592082	Activity - Pesticide Label	Pesticide Safety: Minimal Risk to the Applicator
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(6) The student demonstrates marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(A) identify and maintain hand and power tools and equipment	(i) identify hand tools	Student/Teacher	Narrative	9781614592082	Landscape Tools: Use & Safety	
			Student/Teacher	Activity	9781614592082	Project - Landscape Tools: Use & Safety	Landscape Tools: Use & Safety
			Student/Teacher	Narrative	9781614592082	Floral Design Tools: Project - Floral Design Tools	Floral Design Tools; 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	Pruning Roses	
			Student/Teacher	Narrative	9781614592082	Pruning Informal & Formal Hedges; Activity Pruning Equipment	Pruning Informal & Formal Hedges; PLEASE NOTE: Due to space limitations, the narrative and associated activity are listed on one 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				
(6) The student demonstrates marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(A) identify and maintain hand and power tools and equipment	(ii) maintain hand tools	Student/Teacher	Narrative	9781614592082	Landscape Tools: Use & Safety	
			Student/Teacher	Activity	9781614592082	Project - Landscape Tools: Use & Safety	Landscape Tools: Use & Safety
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(6) The student demonstrates marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(A) identify and maintain hand and power tools and equipment	(iii) identify power tools	Student/Teacher	Narrative	9781614592082	Landscape Tools: Use & Safety	
			Student/Teacher	Narrative	9781614592082	Power Blower	
			Student/Teacher	Narrative	9781614592082	Power Shears	
			Student/Teacher	Activity	9781614592082	Project - Power Shear Brands	Power Shears
			Student/Teacher	Narrative	9781614592082	String Trimmer	
			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 marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(A) identify and maintain hand and power tools and equipment	(iv) maintain power tools	Student/Teacher	Narrative	9781614592082	Landscape Tools: Use & Safety	
			Student/Teacher	Activity	9781614592082	Project - Landscape Tools: Use & Safety	Landscape Tools: Use & Safety
			Student/Teacher	Narrative	9781614592082	Power Blower	
			Student/Teacher	Narrative	9781614592082	Power Shears	
			Student/Teacher	Narrative	9781614592082	Rotary Edger/Trimmer: Project - Caution Sheets	Rotary Edger/Trimmer: 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				
			Teacher Only				
(6) The student demonstrates marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(A) identify and maintain hand and power tools and equipment	(v) identify equipment	Student/Teacher	Narrative	9781614592082	Landscape Tools: Use & Safety	
			Student/Teacher	Activity	9781614592082	Project - Landscape Tools: Use & Safety	Landscape Tools: Use & Safety
			Student/Teacher	Narrative	9781614592082	Power Blower	
			Student/Teacher	Narrative	9781614592082	Power Shears	
			Student/Teacher	Narrative	9781614592082	Rotary Edger/Trimmer: Project - Caution Sheets	Rotary Edger/Trimmer: 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				
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Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(6) The student demonstrates marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(A) identify and maintain hand and power tools and equipment	(vi) maintain equipment	Student/Teacher	Narrative	9781614592082	Landscape Tools: Use & Safety	
			Student/Teacher	Activity	9781614592082	Project - Landscape Tools: Use & Safety	Landscape Tools: Use & Safety
			Student/Teacher	Narrative	9781614592082	Power Blower	
			Student/Teacher	Narrative	9781614592082	Power Shears	
			Student/Teacher	Narrative	9781614592082	Rotary Edger/Trimmer: Project - Caution Sheet	Rotary Edger/Trimmer: 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				
			Teacher Only				
(6) The student demonstrates marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(B) select appropriate tools and equipment	(i) select appropriate tools	Student/Teacher	Narrative	9781614592082	Floral Design Tools	
			Student/Teacher	Activity	9781614592082	Project - Floral Design Tools	Floral Design Tools
			Student/Teacher	Narrative	9781614592082	Pruning Roses	
			Student/Teacher	Narrative	9781614592082	Foliage Plant Production: Additional Instructional Strategies	Foliage Plant Production: 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	Budding & Grafting: Activity - Digging Deeper	Budding & Grafting: 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				
			Teacher Only				

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
(6) The student demonstrates marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(B) select appropriate tools and equipment	(ii) select appropriate equipment	Student/Teacher	Narrative	9781614592082	Pruning Informal & Formal Hedges	
			Student/Teacher	Activity	9781614592082	Activity - Pruning Equipment	Pruning Informal & Formal Hedges
			Student/Teacher				
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(6) The student demonstrates marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(C) demonstrate safe use of tools and equipment	(i) demonstrate safe use of tools	Student/Teacher	Narrative	9781614592082	Landscape Tools: Use & Safety	
			Student/Teacher	Narrative	9781614592082	Power Blower	
			Student/Teacher	Activity	9781614592082	Project - Power Blower Operation	Power Blower
			Student/Teacher	Narrative	9781614592082	Power Shears; String Trimmer	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	Rotary Edger/Trimmer; Project - Caution Sheets	Rotary Edger/Trimmer: 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				
			Teacher Only				
(6) The student demonstrates marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(C) demonstrate safe use of tools and equipment	(ii) demonstrate safe use of equipment	Student/Teacher	Narrative	9781614592082	Landscape Tools: Use & Safety	
			Student/Teacher	Narrative	9781614592082	Power Blower	

Knowledge and Skills Statement	Student Expectation	Breakout	Item Type	Citation Type	Component ISBN	Page (s)	Specific Location
			Student/Teacher	Activity	9781614592082	Project - Power Blower Operation	Power Blower
			Student/Teacher	Narrative	9781614592082	Power Shears; String Trimmer	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. Rotary Edger/Trimmer: 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	Rotary Edger/Trimmer; Project - Caution Sheets	
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
(6) The student demonstrates marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(D) identify options and opportunities for business ownership	(i) identify options for business ownership	Student/Teacher	Narrative	9781614592082	Career Opportunities: Floral Industry	
			Student/Teacher	Activity	9781614592082	Activity - Career Development & Entrepreneurship Opportunities	Career Opportunities: Floral Industry
			Student/Teacher	Narrative	9781614592082	Business Ownership & Registration	
			Student/Teacher	Activity	9781614592082	Activity - Business Ownership	Business Ownership & Registration
			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 marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(D) identify options and opportunities for business ownership	(ii) identify opportunities for business ownership	Student/Teacher	Narrative	9781614592082	Career Opportunities: Floral Industry	
			Student/Teacher	Activity	9781614592082	Activity - Career Development & Entrepreneurship Opportunities	Career Opportunities: Floral Industry
			Student/Teacher	Narrative	9781614592082	Business Ownership & Registration	
			Student/Teacher	Activity	9781614592082	Activity - Business Ownership	Business Ownership & Registration
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
			Teacher Only				
(6) The student demonstrates marketing and management skills used in the operation of horticultural businesses. The student is expected to:	(E) analyze the role of small business in free enterprise	(i) analyze the role of small business in free enterprise	Student/Teacher	Narrative	9781614592082	Competition & Free Enterprise	
			Student/Teacher	Activity	9781614592082	Activity - Business Roles	Competition & Free Enterprise
			Student/Teacher				
			Student/Teacher				
			Teacher Only	Narrative			
			Teacher Only				
			Teacher Only				
			Teacher Only				
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			Teacher Only				