

Date	Topics	Objective	Activity	TEKS Alignment (TAC §130.425)
9/29	Plant Anatomy – Fruits	Students will identify different fruit types and classify them by structure.	Lecture notes	§130.425(c)(3)(A) – classify plant structures and functions
9/30	Plant Anatomy – Fruit Lab	Students will investigate fruit anatomy through hands-on dissection.	Lab activity: dissect fruits,	§130.425(c)(3)(B) – examine plant parts and their functions
10/1	Plant Anatomy – Seeds	Students will examine seed structure and compare monocot and dicot seeds.	Lecture	§130.425(c)(3)(A-B) – identify and compare plant parts
10/2	Plant Anatomy – Review	Students will review fruit and seed structures in preparation for the test.	Review packet	§130.425(c)(3) – plant anatomy review
10/3	Plant Anatomy – Review	Students will reinforce knowledge of fruit and seed anatomy.	Review game	§130.425(c)(3) – plant anatomy review
10/6	Plant Anatomy Test	Students will demonstrate mastery of fruit and seed anatomy.	Written and practical test.	§130.425(c)(3) – plant anatomy assessment

10/7	Monocots vs Dicots – Notes	Students will differentiate monocot and dicot characteristics.	Lecture notes	§130.425(c)(3)(C) – differentiate plant classifications
10/8	Austin County Fair	No Class		N/A
10/9	Austin County Fair	No Class		N/A
10/10	Austin County Fair	No Class		N/A
10/13	Monocots vs Dicots – Worksheet	Students will apply knowledge of monocot/dicot characteristics.	Guided worksheet.	§130.425(c)(3)(C) – differentiate plant classifications
10/14	Monocots vs Dicots – Lab	Students will observe and record differences in monocots vs dicots.	Lab investigation with plants/seeds.	§130.425(c)(3)(C) – identify plant differences
10/15	Native vs Non-Native – Notes	Students will define and distinguish native and non-native plants.	Lecture notes	§130.425(c)(8)(A-B) – compare native and introduced plants
10/16	Native vs Non-Native – Worksheet + Lab	Students will classify plants as native/non-native.	Guided worksheet and short lab with local samples.	§130.425(c)(8)(A-B) – analyze native vs non-native plants

10/17	Monocots vs Dicots & Native vs Non-Native – Review	Students will review monocot/dicot and native/non-native plant characteristics.	Paper review and review game	§130.425(c)(3)(C), §130.425(c)(8) – plant classification
10/20	Quiz – Monocots vs Dicots & Native vs Non-Native	Students will demonstrate knowledge of monocot/dicot and native/non-native plants.	Written quiz.	§130.425(c)(3)(C), §130.425(c)(8) – plant classification assessment
10/21	Types of Plants – Vascular vs Non-Vascular	Students will compare vascular and non-vascular plant systems.	Lecture, notes	§130.425(c)(3)(A-C) – classify plant types
10/22	Types of Plants – Activity (Vascular vs Non-Vascular)	Students will identify plant types through guided activity.	Sorting/classification activity.	§130.425(c)(3)(A-C) – classify plant types
10/23	Types of Plants – Lab (Vascular vs Non-Vascular)	Students will examine and classify vascular and non-vascular samples.	Lab	§130.425(c)(3)(A-C) – classify plant types
10/24	Types of Plants – Perennial, Biennial, Annual (Notes)	Students will define and classify plants by lifecycle.	Lecture notes	§130.425(c)(3)(D) – distinguish annual, biennial, perennial plants
10/27	Types of Plants – Activity	Students will classify plants by lifecycle (annual, biennial, perennial).	Sorting activity.	§130.425(c)(3)(D) – classify plants by lifecycle

10/28	Types of Plants – Review	Students will review vascular vs non-vascular and lifecycle types.	Written Review	§130.425(c)(3)(A-D) – plant classification review
10/29	Types of Plants – Review	Students will reinforce plant types and lifecycle classifications.	Review Game	§130.425(c)(3)(A-D) – plant classification review
10/30	Types of Plants – Test	Students will demonstrate mastery of plant classification (vascular vs non-vascular, lifecycle).	Written test.	§130.425(c)(3)(A-D) – plant classification assessment
10/31	Student Holiday/Professional Learning	No Class		N/A
11/3	Vegetable Production – Intro	Students will explore vegetable production systems.	Lecture notes	§130.425(c)(9)(A) – analyze vegetable production practices
11/4	Vegetable Production	Students will investigate vegetable growth and harvesting.	Lecture, worksheet.	§130.425(c)(9)(A-B) – evaluate vegetable production systems
11/5	Vegetable Production – Pickle Lab	Students will apply preservation methods by pickling vegetables.	Pickle lab (day 1).	§130.425(c)(9)(C) – evaluate vegetable processing methods

11/6	Vegetable Production – Pickle Lab	Students will continue practicing vegetable preservation techniques.	Pickle lab (day 2).	§130.425(c)(9)(C) – evaluate vegetable processing methods
11/7	Vegetable Production – Pickle Lab	Students will complete and reflect on vegetable preservation.	Pickle lab (day 3), taste testing, reflection.	§130.425(c)(9)(C) – evaluate vegetable processing methods