

Date	Topics	Objective	Activity	TEKS Alignment (TAC §130.42)
8/13	Syllabus, Expectations, Get to Know	Students will review course expectations and connect with classmates.	Syllabus review; icebreaker activity.	§130.42(c)(1)(A) – understand course expectations
8/14	Team Building;	Students will build teamwork	Team-building exercise	§130.42(c)(3)(B) – teamwork, communication
8/15	Class Setup	Students will log in and set up Google Classroom, iCEV, and journals	Set up class resources and materials	§130.42(c)(4)(B) – maintain records (SAE integration)
8/18	Make Your Own Emblem	Students will design a horticulture emblem symbolizing values.	Create and present personal emblem.	§130.42(c)(3)(A) – apply leadership skills
8/19	Leadership Development Events (LDEs)	Students will describe types of LDEs and their purpose.	Class discussion; chart of LDE events.	§130.42(c)(3)(A) – leadership roles
8/20	Career Development Events (CDEs)	Students will explain the role of CDEs in career readiness.	Small group research & report on CDEs.	§130.42(c)(3)(A)(B) – leadership and teamwork

8/21	Supervised Ag Experiences (SAEs)	Students will identify SAE types and examples in horticulture.	Brainstorm SAE project ideas.	§130.42(c)(4)(A–C) – apply supervised experience programs
8/22	Speaking Development Events (SDEs)	Students will explore public speaking events in FFA.	Practice short intro speeches.	§130.42(c)(3)(A) – communication, leadership
8/25	Importance of Plants	Students will explain plant roles in the environment and society.	Class notes & discussion.	§130.42(c)(1)(B)(i) – importance of plants
8/26	Importance of Plants	Students will analyze the economic importance of plants.	Case study discussion.	§130.42(c)(1)(B)(ii) – plant uses and benefits
8/27	Plant Cells – Notes	Students will identify plant cell organelles and functions.	Direct notes with diagram labeling.	§130.42(c)(2)(A) – plant anatomy & physiology
8/28	Plant Cells – Notes	Students will compare plant and animal cells.	diagram.	§130.42(c)(2)(A)(i) – cell structures
8/29	3D Plant Cell Project	Students will construct a 3D model of a plant cell.	Project	§130.42(c)(2)(A)(ii) – plant structures
9/2	3D Plant Cell Project Work	Students will continue working on plant cell project.	Project	§130.42(c)(2)(A)(ii)

9/3	3D Plant Cell Project Due	Students will submit and present 3D plant cells.	Project.	§130.42(c)(2)(A)(ii)
9/4	Plant Anatomy – Roots	Students will identify structures and functions of roots.	Notes and root diagram activity.	§130.42(c)(2)(B)(i) – plant systems
9/5	Plant Anatomy – Stems	Students will describe stem structure and functions.	Guided notes; stem dissection.	§130.42(c)(2)(B)(ii)
9/8	Plant Anatomy – Leaves	Students will identify leaf parts and functions.	Leaf diagram labeling.	§130.42(c)(2)(B)(iii)
9/9	Plant Anatomy – Flowers	Students will identify flower parts and functions.	Flower dissection activity.	§130.42(c)(2)(B)(iv)
9/10	Plant Anatomy – Fruits & Seeds	Students will identify fruit/seed parts and roles in reproduction.	Seed dissection; notes.	§130.42(c)(2)(B)(v)
9/11	Monocot vs. Dicot	Students will compare monocot and dicot plant structures.	Microscopy activity with plants.	§130.42(c)(2)(C) – plant classification
9/12	Monocot vs. Dicot + Plant Pressing	Students will classify specimens and begin pressing plants.	Field collection & plant pressing.	§130.42(c)(2)(C); §130.42(c)(2)(D) – specimen preservation

9/15	Plant Anatomy Review	Students will review plant anatomy concepts for test prep.	Complete and grade review	§130.42(c)(2)(A–C)
9/16	Plant Anatomy Review	Students will refine knowledge through collaborative study.	Jeopardy-style review game.	§130.42(c)(2)(A–C)
9/17	Plant Anatomy Test	Students will demonstrate knowledge on plant anatomy.	Written exam.	§130.42(c)(2)(A–C)
9/18	Plant Pressing – Mount & Label	Students will mount and label pressed plants.	Hands-on labeling activity (monocot vs dicot.	§130.42(c)(2)(D) – plant identification
9/19	Plant Tissues – Notes	Students will explain plant tissue types and functions.	Notes	§130.42(c)(2)(E) – plant tissues
9/22	Plant Tissues – Notes	Students will continue tissue study with diagrams.	Notes	§130.42(c)(2)(E)
9/23	Plant Tissues – Notes	Students will complete notes and practice identification.	Notes	§130.42(c)(2)(E)
9/24	AET Friday	Students will update SAE records and reflect in AET.	Computer SAE updates.	§130.42(c)(4)(B) – record keeping
9/25	No School	—	—	—