

Introduction to Horticultural Science – Grade Levels 10-12
TEKS Manager

Credit: ½

Place a check (√) in each column to show TEKS taught.

	TEKS	1 st 6 wks	2 nd 6 wks	3 rd 6 wks
(b) Introduction. To be prepared for careers in horticultural systems, students need to attain academic skills and knowledge, to acquire knowledge and skills related to horticulture and the workplace, and to develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need to have opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.				
(c) Knowledge and skills. (1) The student learns the employability characteristics of a successful worker in the modern workplace. The student is expected to:	(A) identify career development and entrepreneurship opportunities in the field of horticulture;			
	(B) apply competencies related to resources, information, interpersonal skills, and systems of operation in horticulture;			
	(C) demonstrate knowledge of personal and occupational safety practices in the workplace;			
	(D) identify employers' expectations, appropriate work habits, and good citizenship skills; and			
	(E) plan and conduct supervised agricultural experience programs.			
(2) The student develops technical skills in dealing with horticultural plants. The student is expected to:	(A) classify horticultural plants;			
	(B) propagate plants;			
	(C) manage the growth environment;			
	(D) propagate and grow horticultural plants;			
	(E) create floral designs;			
	(F) plan and establish landscapes; and			
	(G) know fruit, nut, and vegetable production.			

	TEKS	1 st 6 wks	2 nd 6 wks	3 rd 6 wks
(3) The student controls common pests of horticultural plants. The student is expected to:	(A) identify common horticultural pests; and			
	(B) demonstrate safe practices in selecting, applying, storing, and disposing of chemicals.			
(4) 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;			
	(B) select appropriate tools and equipment;			
	(C) identify options and opportunities for business ownership; and			
	(D) know the role of small business in free enterprise.			