

Landscape Design, Construction and Maintenance– Grade Levels 10-12
TEKS Manager

Credit: (1/2)

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 horticultural systems 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 landscape design, construction, and maintenance;			
	(B) apply competencies related to resources, information, interpersonal skills, and systems of operation in landscape design, construction, and maintenance;			
	(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 identifies environmental, aesthetic, and financial benefits of landscaped sites. The student is expected to:	(A) assess soil characteristics and environmental conditions;			
	(B) complete a site analysis checklist;			
	(C) use graphics design tools to produce a site sketch; and			
	(D) identify plants and structures used in designing landscapes.			

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(3) The student performs landscape business procedures. The student is expected to:	(A) interview potential clients;			
	(B) prepare cost estimates and service schedules; and			
	(C) execute service contracts.			
(4) The student analyzes the cost and maintenance of tools, equipment, and structures used in the landscape industry. The student is expected to:	(A) identify , store, and maintain hand and power tools and equipment;			
	(B) prepare plant growing sites;			
	(C) install turf, landscape plants, and structures; and			
	(D) perform site maintenance services such as fertilizing and watering.			

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