

Pacing Guide: Semester (18 week) View
David Crockett High School: Career and Technical Education
Course: Landscaping and Turf Science (grades 9-12)

<u>Week</u>	<u>Standard/ Instruction</u>	<u>Main Topic(s)</u>
Week 1-2	Agriculture Safety and Careers Standard 1, 2	• Safety • Career Readiness
Week 3-4	Tree and Shrub Selection and Maintenance Standard 3,4	• Identify trees and shrubs • Harvesting, transportation, transplanting, and care • General care and maintenance of plants: planting, pruning, mulching, and fertilizing techniques
Week 5-6	Plant Selection and Maintenance Standard 5,6	• Identification: ground cover, vines, plants, and trees • Evaluate growth requirements for perennials, annuals, and biennials • General care and maintenance: ground covers, vines, plants, and trees

Week 7-8	Turf Grass Selection and Maintenance Standard 7,8,9	• Visually identify & distinguish between turf grass species and cultivars • Methods for establishment and maintenance of turf grass • Discuss: soil prep, installation, water, nutrients, and pH needs • Identify management of residential, commercial, and sport facilities maintenance
Week 9-10	Commercial Interior Plantscaping Standard 10, 11	• Identify plants used in commercial interior landscaping • Summarize their propagation, installation, and maintenance requirements • Identify effective management practices for interior environment: light, humidity, growing media, disease, and pest control
Week 11-12	Pest Management Standard 12-13	• Identify landscape and turf grass pests • Prevention and control methods of pests • Categorize types of pesticides and their application methods • Demonstrate the ability to properly mix and apply pesticides properly

Week 13-14	Water Management Standard 14-17	• Seven principles of xeriscaping • Examine water gardens and their applications for landscape enhancements • Develop a customer packet for pest practices on maintaining water gardens • Compare and contrast different irrigations systems • Apply basic plumbing skills to install irrigation and water gardens • Design irrigation system and bid presentation for a customer
Week 15-16	Landscape Design Standard 18-20	• Interpret topo and soil maps for landscape plants • Create site analysis to evaluate landscape site • Develop a list of tools and skills for landscape design • Prepare landscape plans for residential and commercial clients • Develop landscape bid package and presentation for each plan

Week 17-18	Business Principles of Landscaping and Turf Management Standard 21-23	• Compare and contrast different business models • Research successful landscaping and turf grass management businesses • Interpret and read landscape drawings • Measure and calculate materials needed to execute the plan • Evaluate factors that affect profitability