

| <p style="text-align: center;">Landscape Design and Management TEKS/LINKS – Student Objectives One-Half Credit</p> | <p style="text-align: center;">Suggested Time Ranges</p> |
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| <p>First Six Weeks</p> | |
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| <p>Orientation and Portfolio</p> | <p style="text-align: center;">3 days</p> |
| <p>Professional Standards/Employability Skills LDM 1(A) The student will identify career development and entrepreneurship opportunities in the field of landscape design and management. LDM 1(B) The student will apply competencies related to resources, information, interpersonal skills, problem solving, critical thinking, and systems of operation in landscape design and management. LDM 1(C) The student will examine licensing, certification, and credentialing requirements to maintain compliance with industry requirements. LDM 1(D) The student will demonstrate knowledge of personal and occupational health and safety practices in the industry. LDM 1(D) The student will identify employer expectations and appropriate work habits. LDM 1(E) The student will demonstrate characteristics of good citizenship, such as advocacy, stewardship, and community leadership.</p> | <p style="text-align: center;">5 days</p> |
| <p>Supervised Agricultural Experience (SAE) LDM 2(A) The student will plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity. LDM 2(B) The student will apply proper record-keeping skills as they relate to the supervised agriculture experience. LDM 2(C) The student will participate in youth leadership opportunities to create a well-rounded experience program. LDM 2(D) The student will produce and participate in a local program of activities using a strategic planning process.</p> | <p style="text-align: center;">5 days</p> |
| <p>Benefits of Landscaped Sites LDM 3(A) The student will assess soil characteristics and environmental conditions. LDM 3(B) The student will assess site for local conditions such as property lines, easement restrictions, and location of public utilities. LDM 3(C) The student will complete a site analysis checklist. LDM 3(D) The student will produce a site sketch using graphic design equipment or software. LDM 3(E) The student will identify plants used in designing landscapes. LDM 3(F) The student will identify structures and hardscape materials used in designing landscapes.</p> | <p style="text-align: center;">15 days</p> |

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| <p>LDM 3(G) The student will create landscape designs demonstrating the application of design elements and principles. LDM 3(H) The student will analyze different landscape design styles and identify the different aesthetic and environmental factors of each style.</p> | |
| <p>Second Six Weeks</p> | |
| <p>Benefits of Landscaped Sites <i>continues</i> LDM 3(A) The student will assess soil characteristics and environmental conditions. LDM 3(B) The student will assess site for local conditions such as property lines, easement restrictions, and location of public utilities. LDM 3(C) The student will complete a site analysis checklist. LDM 3(D) The student will produce a site sketch using graphic design equipment or software. LDM 3(E) The student will identify plants used in designing landscapes. LDM 3(F) The student will identify structures and hardscape materials used in designing landscapes. LDM 3(G) The student will create landscape designs demonstrating the application of design elements and principles. LDM 3(H) The student will analyze different landscape design styles and identify the different aesthetic and environmental factors of each style.</p> | <p style="text-align: center;">10 days</p> |
| <p>Landscape Business Procedures LDM 4(A) The student will demonstrate skills for interviewing potential clients. LDM 4(B) The student will develop landscape ideas from a checklist. LDM 4(C) The student will prepare cost estimates and schedules for landscaping services, including materials, labor, and business costs. LDM 4(D) The student will analyze service contracts.</p> | <p style="text-align: center;">15 days</p> |
| <p>Third Six Weeks</p> | |
| <p>Tools and Equipment LDM 5(A) The student will identify, store, and maintain landscaping hand tools and power equipment. LDM 5(B) The student will analyze costs associated with purchasing and maintaining landscaping hand tools and power equipment. LDM 5(C) The student will assess different landscape irrigation systems for efficiency, application, and environmental impact. LDM 5(D) The student will identify common irrigation system components and materials. LDM 5(E) The student will examine local and state regulations affecting</p> | <p style="text-align: center;">15 days</p> |

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| <p>irrigation systems.</p> | |
| <p>Landscape Installation Services LDM 6(A) The student will prepare landscape sites for installation. LDM 6(B) The student will install landscape plants and structures using proper installation techniques.</p> | <p style="text-align: center;">10 days</p> |