

Landscape Design

Academic Representative



Technology Education Concepts

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Description

Landscape design involves the analysis, planning, design, creation, and/or construction of exterior spaces using plant materials and appropriate landscape elements. The Landscape Design curriculum will test students' ingenuity as they design a rough draft of a landscape design and then use software to complete the final project. Through this process, students gain valuable experience and practice in completing scaled designs, the application of basic design principles to landscape, and even basic math skills to create a bill of materials.

Skills

- Understanding of design principles
- Application of design principles to a landscape design
- Use math and record keeping to complete a bill of materials

Knowledge

- Design principles and applications
- Use of drawing tools to create preliminary design
- Use of software to create a 3-D landscape design
- Research careers using landscape design skills

Activities

- Activity 1 - Introduction
- Activity 2 - Landscape Basics
- Activity 3 - Plants and Materials
- Activity 4 - Lighting and Text
- Activity 5 - Complete the Design
- Activity 6 - Landscape Planner
- Activity 7 - Complete the Drawing
- Activity 8 - Landscape Costs
- Activity 9 - Customer Presentation
- Activity 10 - Post-Test and Wrap-Up
- Activity 11 - Bonus Activities
- Activity 12 - Challenge
- Activity 13 - Open-Ended Challenge
- Activity 14 - Careers
- Activity 15 - Internet

Standards

Math/Measure Science Reading

Module Includes:

Student Workbook, Instructor's Manual, Installation CD, Landscape Design Software, Drafting Tools, Mechanical Pencils, Headphones

Requirements

Computer, printer, and supplies required and sold separately.