

# Horticulture



## Description

Horticulture is the science and art involved in the cultivation, propagation, processing and marketing of ornamental plants, flowers, turf, vegetables, fruits, and nuts. Horticulture is unique among plant sciences because it not only involves science and technology, but it also incorporates art and principles of design. This curriculum introduces students to the basics of Specialty Horticulture Arts, Turf Management, Landscape Design, Floriculture, Floral Design, Forestry, and Greenhouse Operations and Management. Students create their own mold terrarium, floral arrangement, and handmade paper. They also evaluate the skills that are needed to run a greenhouse and sketch a landscape design.

## Skills

- Create a mold terrarium to examine a contained ecosystem
- Implement creativity to produce and design a floral centerpiece
- Recycle old pieces of paper to create a handmade piece of paper

## Knowledge

- Evaluate the skills that are needed to run a greenhouse business
- Identify various grass samples using computer software
- Recognize and use terminology related to horticulture

## Activities

- Activity 1 - Introduction
- Activity 2 - Greenhouse Operations
- Activity 3 - Terrariums
- Activity 4 - Turf Management
- Activity 5 - Landscape Design
- Activity 6 - Floriculture
- Activity 7 - Floral Design
- Activity 8 - Forestry
- Activity 9 - Pesticide Safety
- 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 Problem Solving Science Reading

## Module Includes:

Student Workbook, Instructor's Manual, Installation CD, Grass Identification Chart, Storage Container, Recycled Paper Kit, Blender, Silk Flowers, Vase (4), Landscape Stencil, GrowEase Seed Starter Kit, Tray, Tweezers, Measuring Cup Set, Plastic Tub, Sponges, Headphones (2), Floral Arrangement Kits (2), Horticulture Supply Kit for 100 Students

## Requirements

Computer and supplies required and sold separately.  
Water supply

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