

INTRODUCTORY HORTICULTURE Grades 7th & 8th 6 Weeks

Time-Line	Content	Standards	Skills	Assessment
Week 1	Introduction and Value of Plants in Our Lives	4.4 1.2 4.8 1.6	<ul style="list-style-type: none"> • Economic Importance • Environmental Importance • Agricultural Importance 	<ul style="list-style-type: none"> • Participation • Tests • Quizzes • Worksheets
Week 2	Plant Parts	4.4 1.2 1.6	<ul style="list-style-type: none"> • Identification of Plant Parts • Labeling of Plant Parts 	<ul style="list-style-type: none"> • Participation • Tests • Quizzes • Worksheets
Week 3	Plant Uses	4.4 1.2 1.6	<ul style="list-style-type: none"> • Describe Plant Functions • Describe Plant Processes 	<ul style="list-style-type: none"> • Participation • Tests • Quizzes • Worksheets
Week 4	Soils Aboveground Plant Environment	4.4 4.6 4.8 1.2 1.6 4.2	<ul style="list-style-type: none"> • Understand and Describe types of soils, soil particles, soil properties and horizons. 	<ul style="list-style-type: none"> • Participation • Tests • Quizzes • Worksheets
Week 5	Sexual Plant Reproduction	4.4 1.2 1.6	<ul style="list-style-type: none"> • Describe process of germination. • Describe pollination. • Plant and germinate seeds. 	<ul style="list-style-type: none"> • Participation • Tests • Quizzes • Worksheets
Week 6	Asexual Plant Reproduction	4.4 1.2 1.6	<ul style="list-style-type: none"> • Describe various methods of asexual reproduction. • Cuttings, bulbs, corms, tubers, grafting, tissue culture. • Describe the value of each method of propagation. 	<ul style="list-style-type: none"> • Participation • Tests • Quizzes • Worksheets

General Syllabus for:
INTRODUCTORY HORTICULTURE---- **GRADES 7-8**
CONNEAUT SCHOOL DISTRICT

Type of course: INTRODUCTORY HORTICULTURE

Prerequisites: NONE

Text Information: INTRODUCTORY HORTICULTURE, 6TH EDITION

Objectives:

- Students will be able to create awareness of the Horticulture Industry.
- Students will be able to understand basic plant parts and their functions.
- Students will be able to understand the importance of plants as a food source.
- Students will be able to have a basic introduction to soils as a growing media.
- Students will be able to discuss plant reproduction for sustainability. Topics Covered:

Parts of the Plant and their Functions —10 days

- Leaves
- Stems
- Roots
- Flower

Environmental Requirements for Good Plant Growth — 10 DAYS

- Soil
- Temperature
- Light

Plant Propagation — 10 Days

- Sexual plant Propagation
- Asexual Plant Propagation

Assessment:

- Study Guides
- Tests
- Quizzes
- Worksheets
- Participation

Parent/Student Resources:

- Edline
- Textbook