

Revised: Plants in Home Environment Schedule

Date	Reading/Discussion
10/20/2005	Questions page 109 on Outdoor Soils and Fertility, p. 109 Chapter 6: Review specific vegetables that were chosen by students to germinate and grow in greenhouse.: specific information for gardening in temperate climates i.e. Arkansas. What are some vegetables that can be seeded in spring and grown in fall? Seeded in late summer and grown in fall? What are important considerations in garden layout? Soil preparation? What are advantages of seeding; transplanting?
10/27/2005	Chapters 7 (pages 145-155) and 8 (Research 3 different bush crops and their requirements - soil,pH, water, pruning, etc. and turn in.) Projects for end of semester: Each student is responsible for developing a project to demonstrate to others at end of the semester in which he/she has successfully mastered or developed a system of growing plants for aesthetics or for use in home environment. Present project to class on last day of class, Dec. 8th. (100 pts.) Individual or groups of two.
11/3/2005	Discuss Chapter 9, Flower and Herb Gardening. Discuss types of flower gardens; video on flower gardens.
11/10/2005	Discuss Chapter 14 and 15, Growing Plants Indoors, Maintenance. Choosing the right plant for the right spot in your home.
11/17/2005	Discuss principles of light, types of indoor light sources, Chapter 16. Test #2, take home exam, 50 pts. on growing plants outdoors and indoors. Due December 1, 2005.
11/24/2005	HAPPY THANKSGIVING!
12/1/2005	Discuss water function and requirements of indoor plants. Discuss pest control, emphasizing low impact, organic, biological control, sustainable practices. Examine plants for pests; identify.
12/8/2005	Projects will be presented to class (100 pts.) Review for Final Exam; study outline will be posted on website.

12/15/2005 Final Exam: 50 pts. Test will be 1/4 comprehensive.

Lab/Activity

Each group selects four plants of same species, size, # of leaves, etc.
Set up hormone experiments.
Set up hydroponic system
Check plants that you grew from seedling for height, number of leaves, signs of flower buds or flowers?
Figure a way to determine growth rate. Paper on plants grown is due 11/3/05.

Grafting demonstration.
Air layering of rubber tree.
Check hormone exps.
Slide show on native trees and shrubs to use in landscaping.
Check hormone experiments.

Plan a flower garden. Each small group (2-3) will design a flower garden, choosing plants, discussing placement, timing and maintenance of flower bed. Sketches due by 11/17/05.
Work on group projects.

Learn the names, care, and requirements of 20 different houseplants that we currently are caring for in greenhouse. Know the scientific names, common names and family names.
Repot any plants that need repotting; empty pots with plants that have senesced or are no longer healthy. Work on group projects.

Hormone experiment write-ups due; flower garden design projects will be presented to class.
Read Chapter 17, Watering and Humidity and 18, Pests and Control.
Work on group projects.

Work on projects.