

COURSE:	AP42 Horticulture II	Unit B	Plant Production	
ESSENTIAL STANDARD:	4.00	25%	C2	Understand greenhouse management.
OBJECTIVE:	4.01	10%	C1	Remember greenhouse plants.
Sources of Information:				
<ul style="list-style-type: none"> • Reiley, H, Edward and Shry, Jr., Carroll L. <u>Introductory Horticulture</u>, 8th Edition, Delmar Cengage Learning, Clifton Park, NY. • Still, Steven M. <u>Manual of Herbaceous Ornamental Plants</u> 4th Edition, Stipes Publishing Co., Champaign, IL. • Better Homes and Garden www.bhg.com • Perennials and annuals www.houseplants411.com • <u>Time Life Encyclopedia of Flowering Houseplants</u> • Tropical houseplants www.bing.com/images 				

Note to teacher: Create guided notes and/or power points or visual presentation for unpacked content.

- A. Describe greenhouse plants from the NC FFA Nursery/Landscape Career Development Event List.
 1. Greenhouse/Tropical plants not covered in Horticulture I.
 2. Annual/bedding plants not covered in Horticulture I.
 3. Perennial plants not covered in Horticulture I.
- B. Describe greenhouse plant characteristics.
 1. Common name.
 2. Botanical name.
 3. Correct pronunciation.
 4. Give a description of the plant.
 5. Water requirements for the plant.
 6. How and when to fertilize the plant.
 7. Light requirement (greenhouse).
 - a. High light.
 - b. Medium light.
 - c. Low light.
 8. Size and growth rate.
 9. The best method of propagation.
- C. Describe annual (bedding) and perennial plant characteristics.
 1. Common name.
 2. Scientific name.
 3. Correct pronunciation.
 4. Give a description of the plants.

5. Plant characteristics.

- a. Height.
- b. Spacing.
- c. Sun exposure.
 - 1) Full sun.
 - 2) Semi-shade.
 - 3) Shade.
- d. Foliage/Flower color.
- e. Determine if the plant is an annual, biennial or perennial.
- f. Describe the plant's use in the landscape.

Greenhouse/Tropicals

SCIENTIFIC NAME	COMMON NAME
<i>Aglaonema commutatum</i>	Aglaonema
<i>Asparagus setaceus</i>	Plume Asparagus Fern
<i>Chamaedorea elegans</i>	Parlor Palm
<i>Codiaeum variegatum var. pictum</i>	Croton
<i>Crassula ovate</i>	Jade Plant
<i>Dizygotheca elegantissima 'Castor'</i>	False Aralia
<i>Dracaena cincta</i>	Red Edge Dracaena
<i>Dracaena deremensis 'Warneckii'</i>	Warneckii Dracaena
<i>Fittonia verschaffeltii</i>	Nerve Plant
<i>Gibasis pellucida</i>	Tahitian Bridal Veil
<i>Gynura aurantiaca</i>	Velvet Plant
<i>Hoya carnosa</i>	Wax Plant
<i>Kalanchoe blossfeldiana</i>	Kalanchoe
<i>Peperomia caperata 'Emerald Ripple'</i>	Emerald Ripple Peperomia
<i>Peperomia obtusifolia</i>	Peperomia
<i>Schefflera actinophylla</i>	Schefflera
<i>Schlumbergera bridgesii</i>	Christmas Cactus
<i>Schlumbergera truncate</i>	Thanksgiving Cactus
<i>Syngonium podophyllum</i>	Nephthytis or Arrowhead Vine

Annual/bedding Plants

SCIENTIFIC NAME	COMMON NAME
<i>Antirrhinum majus cv.</i>	Snapdragon
<i>Catharanthus roseus</i>	Madagascar Periwinkle
<i>Fuchsia X hybrid</i>	Fuchsia
<i>Verbena hybrid</i>	Garden Verbena
<i>Zinnia elegans</i>	Zinnia

Perennial Plants

SCIENTIFIC NAME	COMMON NAME
<i>Astilbe cv.</i>	Astilbe
<i>Buddleia davidii</i>	Butterfly Bush
<i>Clematis X jackmanii</i>	Clematis Hybrids
<i>Echinaceae purpurea</i>	Cone Flower
<i>Gerbera jamesonii</i>	Gerber Daisy
<i>Gladiolus X hortulanus</i>	Gladiolus
<i>Hippeastrum cv.</i>	Amaryllis
<i>Iberis sempervirens</i>	Evergreen Candytuft
<i>Iris xiphium</i>	Dutch Iris
<i>Pachysandra terminalis</i>	Japanese Pachysandra
<i>Paeonia sp.</i>	Peony
<i>Pennisetum alopecuroides</i>	Fountain Grass

