Arkansas CTE

Floriculture: Grades 10, 11, 12

Adopted 2007

Introduction to Floriculture

1.1 Define terminology

1. Prepare a list of terms with definitions 1.1.1

1.2 Identify types of flower shops (full-service, carriage trade, mass market, franchise, specialty, and stem)

1. Create a list of the types of flower shops in the region and their specialties 1.2.1

1.3 List career opportunities available in the floriculture industry

1. Research a career in the floriculture industry to determine educational requirements, working conditions, salary, etc. 1.3.1

1.4 Discuss the FFA opportunities available to students interested in floriculture

1. Participate in FFA activities related to floriculture 1.4.1

Safety in Floriculture

2.1 Define terminology

1. Prepare a list of terms with definitions 2.1.1

2.2 Discuss the meaning and importance of safety and safe work with floriculture

1. Relate examples of safety hazards in floriculture, including equipment used in crop production and the inputs applied to plants such as pesticides and fertilizers 2.2.1

2.3 Identify hazards in floriculture

1. Survey hazardous situations in local floriculture facilities and prescribe the appropriate safety measures to be taken and propose ways of eliminating or reducing the risk of these hazards 2.3.1
2. Develop a list of practices to reduce risk when working with plants 2.3.2

2.4 Describe the importance of personal safety in floriculture

1. Identify and properly use appropriate Personal Protective Equipment (PPE) with floriculture 2.4.1
2. Calculate the cost of PPE for an individual involved with floriculture 2.4.2
3. Work together with others to promote safety in floriculture 2.4.3
4. Take a test on floriculture safety before beginning work with plants 2.4.4

Skip to main content

Principles of Design

3.1 Define terminology

1. Prepare a list of terms with definitions 3.1.1

3.2 Discuss the basic design principles used in flower arranging

1. Study trade magazines and journals to see illustrations of these principles 3.2.1

3.3 Explain the use of line, form, texture, and color in flower arranging

1. Classify major cut flowers and foliage based on their line, form, texture, and color 3.3.1

3.4 Identify color schemes

1. Determine color combinations for flower arrangements using a color wheel 3.4.1

Selection, Conditioning, Storage of Cut Flowers and Foliage

4.1 Define terminology

1. Prepare a list of terms with definitions 4.1.1

4.2 Identify the most commonly used cut flowers (chrysanthemums, Daisy, orchid, Hybrid T-Rose, Snapdragon, Baby's Breath, Gladiolus, Asiatic Lilly, Statice, Rebrum Lily, stoch)

1. Match commonly used cut flowers with their name 4.2.1

4.3 Identify the most commonly used cut foliages (asparagus fern, florist's huckleberry, galax, leatherleaf fern, pittosporum, salal, Scotch broom, silver dollar gum, and sprengeri fern)

1. Match commonly used cut foliages with their name 4.3.1

4.4 Explain the causes of flower deterioration (genetics, wilting, timing of harvest, ethylene gas, disease, and damage)

1. Inspect cut flowers for signs of deterioration and suggest possible causes 4.4.1

4.5 List steps in conditioning a shipment of flowers

1. Demonstrate proper stem treatment 4.5.1

4.6 Compare storage requirements of various cut flowers and foliage

1. Store cut flowers and foliage as recommended 4.6.1

Supplies Used in Floral Design

5.1 Define terminology

1. Prepare a list of terms with definitions 5.1.1

5.2 Select containers for floral designs

1. Select the proper size and style container for arrangements 5.2.1

Skip to main content

Compare dry and wet types of floral foam

1. Select the right type of floral foam for an arrangement 5.3.1
2. Prepare floral foam for use 5.3.2

5.4 Identify cutting tools used in floral design (florist knife, florist shears, hot glue gun, picking machine, pruning shears, ribbon shears, wire cutters)

1. Select the appropriate tools for the job to be done 5.4.1

5.5 Select wire of appropriate size for specific flowers and foliage

1. Demonstrate the correct procedure for wiring and taping flowers and foliage 5.5.1

5.6 Select ribbon of appropriate size and material for various designs

1. Construct bows from various sizes of ribbon 5.6.1

Corsages and Boutonnieres

6.1 Define terminology

1. Prepare a list of terms with definitions 6.1.1

6.2 Discuss considerations in designing corsages and boutonnières

1. Design a corsage 6.2.1
2. Design a boutonnière 6.2.2

Floral Arrangement Designs

7.1 Define terminology

1. Prepare a list of terms with definitions 7.1.1

7.2 Discuss consideration in choosing materials and flowers for bud vases

1. Design a two flower bud vase with foliage and a bow 7.2.1
2. Design a three flower bud vase with foliage and a bow 7.2.2

7.3 Identify four types of circular mass arrangement

1. Construct an arrangement using one of the following type of designs:
circular mound
conical
oval
fan 7.3.1

7.4 Discuss considerations in creating triangular arrangements

1. Construct an arrangement using one of the following types of design:
equilateral
isosceles
asymmetrical
scalene
right triangle
centerpiece 7.4.1

7.5 Identify three forms of line arrangements

1. Construct an arrangement using one of the following types of design:
inverted-T
L-pattern
vertical
crescent
Hogarth curve
contemporary
freestyle 7.5.1

Skip to main content

Special Occasion Flowers

8.1 Define terminology

1. Prepare a list of terms with definitions `8.1.1`

8.2 Discuss the impact of holidays on the retail florist business

1. Prepare and give a report of the major holidays and the flowers associated with the holidays `8.2.1`

8.3 Identify appropriate arrangements for various holidays

1. Create an arrangement suitable for one of the following holidays: Valentine's Day, Easter, Mother's Day, Thanksgiving, Christmas, Hanukkah `8.3.1`

8.4 Identify appropriate arrangements for weddings

1. Design a cascading bridal bouquet `8.4.1`

8.5 Explain the importance of completing a wedding order form

1. Role-play a bridal consultant, including completing an order form `8.5.1`

8.6 Identify types of casket sprays (half couch, full couch, open full couch, full couch lid, casket inset piece)

1. Design a casket spray `8.6.1`

8.7 Outline a process in creating standing sprays and wreathes

1. Construct a standing spray arrangement `8.7.1`
2. Construct a standing wreath arrangement `8.7.2`

Permanent Flowers and Indoor Plants

9.1 Define terminology

1. Prepare a list of terms with definitions `9.1.1`

9.2 Discuss the characteristics of three types of permanent flowers (silk, paper, and dried)

1. Prepare a report on the characteristics of silk, paper, and dried flowers `9.2.1`

9.3 List advantages of using permanent flowers in arrangements

1. Construct an arrangement using permanent flowers `9.3.1`

9.4 Explain the importance of proper care for indoor plants

1. Provide indoor plants with optimal growing conditions `9.4.1`

9.5 Discuss the process of decorating a potted plant

1. Decorate a potted plant `9.5.1`

9.6 Discuss the process of creating a dish garden

1. Create a dish garden `9.6.1`

Skip to main content

Retail Flower Shop Management

10.1 Define terminology

1. Prepare a list of terms with definitions `10.1.1`

10.2 Identify skills required of a professional salesperson

1. Demonstrate effective selling skills `10.2.1`
2. Role-play a telephone sale `10.2.2`

10.3 Explain pricing strategies used to calculate the retail value of floral items

1. Calculate prices for floral items `10.3.1`

10.4 Discuss the primary purpose of displays

1. Create a display `10.4.1`
2. Evaluate displays in flower shops `10.4.2`

10.5 Discuss packaging and delivery of floral products

1. Package and deliver floral products `10.5.1`

10.6 Identify benefits of belonging to a professional organization

1. Prepare a list of benefits associated with professional organization membership `10.6.1`