

Middle School Floriculture CDE

(rev. Jan 2023)

Purpose

The Floriculture CDE is designed to promote the study of and interest in production and retailing of flowers, plants and foliage through the agricultural education curriculum.

Eligibility

(Team structure). Students that are an active member of a chartered Delaware FFA Middle School Chapter may participate. All students competing must have a Delaware FFA Waiver form completed and signed for Floriculture.

Event Procedures

- Each team will be comprised of four members. All four scores will be used to determine total team score.
- Participants must wear FFA Official Dress for this event.
- Under no circumstances will any participant be allowed to touch or handle plant material during the event except during the corsage construction and team activity.
- Any communication between participants during the event will be sufficient cause to eliminate the team from the event. The exception to this is the team activity.
- Any participant caught cheating during the event will be expelled from the event.
- All participants are expected to be prompt at their stations throughout the event.
- The event chair will assign the participants to groups so that when possible, no two participants from the same school will be in the same group, except for the team activity.
- No team, participant, or coach will be permitted into the event facilities before or during the event.
- Any assistance given to a participant from any source during the event, other than a floriculture official, will be sufficient cause to eliminate the team from the event.
- All participants will be given an identification number by which they will be designated throughout the event.
- Participants will not be allowed to possess any personal electronic devices (i.e. cell phones, smart watches, air pods, etc) other than those approved by event officials. Participants who possess personal electronic devices without prior approval of the event officials will be disqualified from the event.

Event Format

This event will have three phases: identification of plant materials, corsage preparation and construction, and team arrangement activity.

A. Materials students need to provide:

- Two sharpened No. 2 pencils
- Scissors
- Floral shears (NO Floral Knives).

B. Team Activity

1. General Knowledge Examination- 100 points

Teams will answer 50 multiple choice questions that cover the areas of the floriculture industry reflected in the event objectives. This phase of the event will test participants' knowledge and understanding of basic biological and scientific principles of producing and marketing flowers, plants and foliage. Each participant will be allowed 50 minutes to complete the exam. Each answer has a value of two points.

C. Individual Activities

1. Identification of plant materials (105 points)

Specimens from the middle school floriculture plant identification list of 35 specimens (See next page) will be displayed for participants to identify by technical and common names. A number will designate each specimen. Three points will be awarded for each specimen that is correctly identified. Each participant will be allowed 25 minutes to complete this phase of the event.

2. Corsage Preparation & Construction and work order (100 points)

Individually, participants will prepare and construct a single-flower pin corsage. All plant and non-plant materials needed to construct the corsage will be provided. Each participant will be allowed 45 minutes to complete the construction of the corsage. Corsages will be scored using the Delaware Association grading rubric. The total score of this event will be divided by two to reflect the total score.

(Use Rubric). Provided materials will be: pre-cut ribbon, flower, greens, filler, bag, and pin.

3. Floral Arrangement (100 points)

A. Individually, participants will be given a set amount of floral supplies to construct a centerpiece arrangement. Members will be allotted 30 minutes to complete the arrangement. Scoring criteria are presented on the National FFA Floriculture 'Floral Arrangement Practicum' which will be rec ordered by a judge. Explanation of floral arrangement terms can be found on this scorecard. See High School Floriculture Score Sheet.

ii. The rotation for floral designs shall be:

- 2022 Round
- 2023 Oval
- 2024 Triangular

Scoring

Tiebreakers

Phase (based on all 4 participants)	Individual Points	Team Points
Identification of Plant Material	105	420
Corsage Prep/Construction with work order	100	400
Arrangement	100	400
Team Activity– Exam	0	100
Total	305	1320

Ties will be broken using the following procedure in this specific order, unless otherwise noted by the CDE Chair:

- Individual: Highest Floral arrangement practicum
- Team: Highest test score.

Awards

Awards will be presented during a session at the Delaware FFA State Convention. In a team event, the top 3 individuals in the state will be recognized on stage. The winning team will be awarded a certificate.

Delaware FFA Floriculture Career Development Event Jr. Division

Plant/Tool Identification List

107.	Anthurium x andraeanum cv. Flamingo Plant	159.	Hippeastrum hybrid cv. Amaryllis
110.	Araucaria heterophylla Norfolk Island Pine	163.	Hydrangea macrophylla Big Leaf Hydrangea
113.	Astilbe hybrid cv. Astilbe	166.	Iris x xiphium cv. Dutch Iris
119.	Campanula hybrid cv. Campanula	172.	Liatris sicata Liatris
123.	Celosia argentea cv. Cockscomb	174.	Limonium sinuatum Statice
124.	Chamaedorea elegans Parlor Palm	177.	Matthiola incana cv. Stock
125.	Chamelaucium uncinatum Waxflower	179.	Narcissus hybrid cv. Daffodil or Narcissus
126.	Cholorophytum comosum cv. Spider Plant	180.	Nephrolepis exaltata cv. Boston Fern
127.	Chrysanthemum x morifolium Florist's Chrysanthemum	185.	Pelargonium x hortorum cv. Zonal Geranium
130.	Crassula argentea Jade Plant	195.	Ranunculus hybrid cv. Ranunculus
135.	Dahlia hybrid cv. Dahlia	197.	Rosa hybrid cv Hybrid Tea Rose
136.	Delphinium consolida cv. Larkspur	199.	Saintpaulia ionantha cv. African Violet
138.	Dianthus caryophyllus cv. Carnation	202.	Schefflera arboricola Dwarf Schefflera
144.	Euphorbia pulcherrima cv. Poinsettia	204.	Sempervivum hybrid cv. Hens and Chicks
147.	Ficus benjamina cv. Benjamin Fig	207.	Solidago hybrid cv. Solidago
155.	Gypsophila elegans cv. Baby's Breath	209.	Spathiphyllum Peace Lily
156.	Hedera heliz cv. English Ivy	211.	Strelitzia reginae Bird of Paradise
157.	Helianthus annus Sunflower	215.	Tulipa cv. Tulip

305.	18 Guage Floral Wire	336.	Glass vase
309.	Bouquet Sleeve	337.	Glue gun
311.	Cardette	339.	Glue sticks
318.	Corsage box	373.	Rose and stem flower stripper
319.	Corsage pin	374.	Safety goggles
326.	Enclosure Card	395.	Water tubes
330.	Floral Foam	396.	Waterproof container tape

Floral Arrangement Practicum Rubric

100 POINTS

Name	Member Number	Chapter/State	Team Number	
Judge Name	Judge's Signature	Date		
	Excellent	Good	Needs Improvement	Member Score
Arrangement	85			
Category Interpretation	4-5 points Design follows given scenario within provided parameters and correlates to the appropriate style, shape and design	2-3 points Design slightly followed given scenario but is somewhat lacking in appropriate style, shape, or design	0-1 points Design does not follow given scenario and/or lacks in following the given style, shape, or design	
Balance	7-10 points Design is both visually and physically balanced	4-6 points Design is slightly off balanced	0-3 points Design is not balanced visually or physically	
Creativity	7-10 points Design expresses advanced creative ability and advanced design techniques	4-6 points Design expresses some creative ability and minimal advanced design techniques	0-3 points Design lacks creative ability and demonstrates limited design techniques	
Depth	7-10 points Placement of materials at different levels is evenly distributed throughout	4-6 points Placement of materials are somewhat distributed evenly	0-3 points Placement of items are not distributed evenly	
Color	7-10 points Color is used evenly/harmoniously throughout	4-6 points Color is used somewhat correctly	0-3 points Color is not used correctly	
Focal emphasis	7-10 points Design has one area of design that attracts the eye	4-6 points Design somewhat has a clear focal point	0-3 points Design does not have a clear focal point	
Line / Rhythm	7-10 points Design has a clear sense of movement created visually by the placement of floral materials	4-6 points Design has a somewhat clear sense of movement created visually by the placement of floral materials	0-3 points Design has no clear sense of movement created visually by the placement of floral materials	
Mechanics	7-10 points Techniques used to keep floral material secure and stable are hidden or done neatly	4-6 points Techniques used to keep floral material secure and stable are somewhat hidden or done neatly	0-3 points Techniques used to keep floral material secure and stable are not hidden or done neatly	
Scale / Proportion	4-5 points Design is the correct size based on container given	2-3 points Design is slightly out of proportion	0-3 points Design is not in proportion with container given	
Unity	4-5 points All principles of designs are present and executed well	2-3 points Some principles of design are executed well	0-1 points None or few principles of design are executed well	
ITEMIZED LIST OF COSTS	15			
Bill of Sale Completion	4-5 points Bill of Sale is completed entirely with a complete list of all items used and totaled	2-3 points Bill of Sale is not entirely complete or missing some items used in the design	0-1 point Bill of Sale is missing a lot of detail and/or missing several items used in the design	
Individual Pricing and Quantity Used	4-5 points All items used in the design are individually listed with correct individual price and quantity totally accurately	2-3 points Some items added incorrectly, or quantity used listed incorrectly.	0-1 point Significant number of items added or listed incorrectly	
Total Bill of Sale Pricing Accuracy	4-5 points Overall bill is legible with labor calculated correctly, and total price is listed accurately within +/- \$0.50 of \$55.00	2-3 points Overall bill includes minor errors, includes parts that are difficult to read or final price slightly off target goal of \$55.00	0-1 points Overall bill includes major errors, difficult to read, or well off target goal of \$55.00.	
TOTAL SCORE (100 points possible)				

Making and Packing a Corsage Rubric

75 POINTS

Name	Member Number	Chapter/State	Team Number	
Judge Name	Judge's Signature	Date		
	Excellent	Good	Needs Improvement	Member Score
Mechanical Application	11-15 points Techniques used to keep floral material secure and stable are hidden or done neatly	6-10 points Techniques used to keep floral material secure and stable are somewhat hidden or done neatly	0-5 points Techniques used to keep floral material secure and stable are not hidden or done neatly	
Color	7-10 points Color is used evenly/harmoniously throughout	4-6 points Color is used somewhat correctly	0-3 points Color is not used correctly	
Creativity	11-15 points Design expresses a high level of creative ability and advanced design techniques.	6-10 points Design expresses some creative ability and minimal advanced design techniques	0-3 points Design lacks creative ability and demonstrated limited design techniques	
Balance	7-10 points Design is physically and visually balanced	4-6 points Design is slightly off balance	0-3 points Design does not follow the principles of design regarding balance	
Design & Category Interpretation	4-5 points Design follows scenario given for an overall cohesive design	2-3 points Design somewhat follows scenario given and overall design is somewhat cohesive	0-1 points Design does not follow given scenario	
Bill of Sale Completion	7-10 points Bill of Sale is completed entirely with a complete list of all items used	5-8 points Bill of Sale is not entirely complete or missing some items used in the design	0-4 points Bill of Sale is missing a lot of detail and/or missing several items used in the design	
Pricing Accuracy (accuracy of pricing identification)	7-10 points All items used in the design are listed with correct price, totally accurately, labor calculated corrected, within 50 cents up or down of \$25.00	4-6 points Some items added incorrectly and/or final price slightly off target goal of \$25.00	0-3 points Significant number of items added incorrectly or way off target goal of \$25.00.	
TOTAL SCORE (75 POINTS POSSIBLE)				

Corsage Itemized List of Costs

Name	Member Number	Chapter/State	Team Number
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Judge Name	Judge's Signature	Date
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Quantity	Flower/Foliage Used	Unit Cost	Total
TOTAL FLOWER/FOLIAGE MATERIAL COST			

Quantity	Material Used	Unit Cost	Total
TOTAL HARD GOODS COST			

Total Flower/Foliage Material Cost

Total Hard Goods Cost

Subtotal

Labor 20 %

TOTAL CORSAGE COST
