

Middle School Floriculture CDE

(rev. Nov. 2019)

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

- A. Each team will be comprised of four members. All four scores will be used to determine total team score.
- B. Participants must wear FFA Official Dress for this event.
- C. 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.
- D. 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.
- E. Any participant caught cheating during the event will be expelled from the event.
- F. All participants are expected to be prompt at their stations throughout the event.
- G. 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.
- H. 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.
- I. All participants will be given an identification number by which they will be designated throughout the event.

K. 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:**
 - 1. Two sharpened No. 2 pencils
 - 2. Scissors
 - 3. Floral shears (NO Floral Knives).
- B. **1. Team Activity– Floral Arrangement (40 points)**
As a team, participants will be given a set amount of floral supplies (see below) to construct the years assigned centerpiece arrangement. The team will be allotted 30 minutes to complete the arrangement. Scoring criteria are presented on the National FFA Floriculture ‘Team Scorecard’ which will be recorded by a judge. Explanation of floral arrangement terms can be found on this scorecard.

See High School Floriculture Score Sheet (total score will be 40 points)

The rotation for floral designs shall be:

- 2020 Oval
- 2021 Triangular
- 2022 Round

2. Floral Arrangement Practicum Rubric (85 points)

At the conclusion of the team activity floral arrangement judges will review the completed floral product completed by the team. Floral arrangements will be scored using the Delaware Association Floral Arrangement Practicum Rubric. The total score of this event will not include the itemized list of costs at the bottom of the rubric for a total of 85 points to reflect the total team score. **(Use Rubric).**

C. Individual Activities

1. Identification of plant materials (150 points)

Specimens from the middle school floriculture plant identification list total 50 items **(See next page)**. A total of 30 specimens will be displayed for participants to identify by technical and common names. A number will designate each specimen. Five points will be awarded for each specimen that is correctly identified. Each participant will be allowed 15 minutes to complete this phase of the event.

2. Corsage Preparation & Construction (75 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 30 minutes to complete the construction of the corsage. Corsages will be scored using the Delaware Association grading rubric. **(Use Rubric)**. Provided materials will be: pre-cut, ribbon, flower, greens, filler, bag, and pin.

Scoring

Phase (based on all 4 participants)	Individual Points	Team Points
Identification of Plant Material	150	600
Corsage Prep/Construction	75	300
Floral Arrangement Practicum	0	85
Team Activity-Arrangement	0	40
Total	225	1025

Tiebreakers

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

- 1. Floral arrangement practicum rubric
- 2. Corsage Prep/Construction

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

1. Euphorbia pulcherrima cv./Poinsettia
2. Antirrhinum majus cv./Snapdragon
3. Araucaria heterophylla/Norfolk Island Pine
4. Helianthus annuus/Sunflower
5. Sempervivum hybrid cv./Hens and Chicks
6. Chamaedorea elegans/Parlor Palm
7. Chamelaucium uncinatum/Waxflower
8. Cholorophytum comosum cv./Spider Plant
9. Crassula argentea/Jade Plant
10. Dianthus caryophyllus cv./Carnation
11. Dahlia hybrid cv./Dahlia
- 12 Hydrangea macrophylla/Big Leaf Hydrangea
13. Ficus benjamina 'Exotica'/Benjamin Fig
14. Rosa hybrid cv/Hybrid Tea Rose
15. Gypsophila elegans cv./Baby's Breath
16. Hedera helix cv./English Ivy
17. Limonium sinuatum/Statice
18. Narcissus hybrid cv./Daffodil or Narcissus
19. Nephrolepis exaltata cv./Boston Fern
20. Pelargonium x hortorum cv./ (Zonal) Geranium
21. Solidago hybrid cv/Solidago
22. Hippeastrum hybrid cv./Amaryllis
23. Saintpaulia ionantha cv./African Violet
24. Spathiphyllum / Peace Lily
25. Schefflera / Umbrella Tree
26. Cattleya / Astilbe
27. Campanula / Bell flower
28. Celosia / Coxcomb
29. Apiaceae / Bupleurum
30. Asteraceae / Mums
31. Brugmansia Suaveolens / Angel Trumpet
32. Strelitzia reginae / Bird of Paradise
33. Baxus / Boxwood
34. Rudbeckia Fulgida / Eastern Coneflower
35. Cardamine Concatenata / Crows Foot
36. Bellis Perennis / Daisey
37. Sambueus / Elderberry
38. Polystichum / Sword Fern
39. Digitalis Purpurea / Fox Glove
40. Vaccinium / Huckleberry
41. Rose Stem Cleaner
42. Design Bowl
43. 22 gauge wire
44. Corsage box
45. Floral foam
46. Floral knife
47. Floral stem tape
48. Safety goggles
49. Water tubes
50. Bouquet sleeve

Team Activity Rubric

NAME _____ MEMBER NUMBER _____

CHAPTER _____ STATE _____ TEAM NUMBER _____

INDICATOR	Very strong evidence skill is present 5-4 points	Moderate evidence that skill is not present 3-2 points	Strong evidence skill is not present 1-0 points	Points Earned	Total Score
Established team leadership role	One member seemed to assume leadership and others cooperated.	One member seemed to assume leadership..	No leadership roles) were established.		
Member participation in planning activity	All members participated in discussion before work began.	Limited member discussion occurred before work began.	No member discussion occurred before work began.		
Developed a work- able plan	Duties were assigned and all had equal parts.	Duties were assigned and all had near equal parts.	Duties were not assigned and participation varied.		
Membership responsibilities were outlined and assigned	Responsibilities were assigned with interaction between members.	Responsibilities were as- signed with little interaction.	Responsibilities were not verbally assigned.		
Material was organized prior to commencing activity	Material was organized and distributed.	Most material was organized.	Material was left as presented until needed.		
Member participation in carrying out activity functions	All members participated with leadership pro- vided.	All members participated.	One or more members had almost no participation.		
Followed proper procedures in carrying out activity	All activities resulted in completed product.	Most activities resulted in completed product.	Some activities resulted in completed product.		
Quality of activity product	Products exceed mini- mum industry standard.	Products meet minimum industry standards.	Products below industry standard.		

TOTAL POINTS

40 points total

JUDGE'S NAME _____

JUDGE'S SIGNATURE _____

DATE _____

Floral Arrangement Practicum Rubric

100 POINTS

Name _____		Member Number _____
Chapter _____	State _____	Team Number _____

Possible Score	Excellent	Good	Needs Improvement	Member Score
Arrangement	85			
Category Interpretation	7-15 points	6-10 points	0-5 points	
Balance	7-10 points	4-6 points	0-3 points	
Creativity	7-10 points	4-6 points	0-3 points	
Depth	7-10 points	4-6 points	0-3 points	
Focal emphasis	7-10 points	4-6 points	0-3 points	
Line	7-10 points	4-6 points	0-3 points	
Mechanics	7-10 points	4-6 points	0-3 points	
Scale	4-5 points	2-3 points	0-1 points	
Unity	4-5 points	2-3 points	0-1 points	
				Total: 85 points

EXPLANATION OF FLORAL ARRANGEMENT TERMS

Category Interpretation: Design follows objective scenario given

Balance: Physical and visual

Creativity: Artistic inventiveness

Depth: Placement of materials at different levels throughout the arrangement

Focal Emphasis: Design has one area of design that attracts the eye to it

Line: Movement

Mechanics: Professional techniques and application

Scale: Proportion

Unity: Cohesiveness of design

Judge's Name _____	Judge's Signature _____	Date _____
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Student Name _____

School Name _____

	5	10	15
	Developing	Accomplished	Exemplary
Tape	Tape is loose and rough.	Tape is slightly loose or rough.	Tape is tight, smooth, and looks natural.
Wire	Wire is not correctly placed, incorrect size, and wire is showing.	1 of the following: -Incorrect wire -Wire not placed correctly -Wire showing	Wire is properly placed, correct wire is used, and wire is not showing.
Accent flower/fern	Wrong size fern/flower, wrong facing, and fern/flower is not secured correctly.	1 of the following: -Wrong size fern/flower -Wrong facing -Flower/fern is not secured correctly.	Fern/flower is correct in size, tightly wrapped, and displayed correctly.
Presentation/Wearability	Incorrect proportion, placing, attaching, appearance, and packaging is messy or missing.	1 of the following: -Incorrect proportion -Incorrect placing/attachment -Packaging not closed	Right proportion, correctly placed, firmly attached, and corsage is properly displayed in packaging.
Ribbon	Incorrect loop proportion, placement of bow, attachment, and size.	1 of the following: -Incorrect proportion -Incorrect placement of bow -Incorrect attachment -Incorrect bow size	Ribbon loops in correct proportion, correctly placed, firmly attached, and is an appropriate size.

Total: 75 points