



13.003b
12/23

Floral Design

Purpose

The New Jersey Floral Design Career Development Event stimulates the study of and interest in the retailing and arranging of flowers, plants, and foliage through the agricultural education curriculum. The competition includes the creation of an assigned arrangement and the creation of a design of choice arrangement. In addition, an itemized bill for the design of choice arrangement will be created. FFA activities are an integral part of the instructional program in Agriculture, Food, and Natural Resources Education.

Objectives

This event will provide the participant with the ability to:

- problem-solve and use mathematical skills to develop invoice charges for material, determine wholesale and retail prices, and calculate discounts.
- learn the key principles and creative elements of visual art and use this knowledge to arrange flowers and foliage to express different themes.

Event Rules

The complete rules, policies and procedures relevant to all New Jersey FFA Career and Leadership Development Events may be found in the CDE & LDE Event Participation Policy:

https://nj.gov/agriculture/ag_ed/ffa/activity/CDE_LDE_Policy.pdf

- Teams will consist of three or four members, and the top three individual scores from the team will count toward the team score.
- Members are required to wear official FFA dress or business dress (if FFA jackets are not available) and will be awarded 2 points for wearing proper Official Dress. (See Attachment – Official Dress Scoring Rubric)
- Participants are NOT allowed to use (or have visible) electronic devices during the event, unless for medical reasons or a portion of the event requires usage. This includes cell phones, tablets, etc. Participants will be allowed to use calculators, if specified for that event; however, cell phone calculators and graphing calculators are not permitted! Failure to adhere to these rules will result in disqualification.
- All individuals participating will judge in a cooperative manner following the rules set forth by the event coordinator.
- No school/chapter will use Rutgers University or Delaware Valley University facilities or locations for the training of teams. Contact with University faculty and staff is permissible. Penalty will be disqualification.
- Members of the first-place team may not compete in the event again.
- No individuals from the same school/chapter may talk, confer or judge together. Penalty will be loss of score for that section of the event or disqualification for the event. Event coordinator has the authority to make disqualifications.
- Contestants must bring their own pencil, floral cutters, ribbon scissors, floral knife and wire cutters. The contestant should also bring a calculator for use in the pricing section of the Design of Choice arrangement. Cell phone calculators are NOT permitted. No other supplies or equipment may be brought to the event.
- There will be no separate alternate teams.
- All floral materials, foliages and hard goods will be supplied by the Event Coordinator. All contestants will be given materials of equal value to work with. Any concerns or issues regarding improper quantity of or quality of materials should be addressed to the Event Coordinator or designated associates as soon as the issue is discovered.
- At least two competent judges from the florist industry shall judge each section of the event. Ideally, one group of two judges will evaluate the Assigned Arrangement and a separate group of two

judges will evaluate the Design of Choice Arrangement.

- Each contestant will be assigned an identification number. These numbers will be assigned at registration. Contestants will be responsible for labeling their score sheet for each arrangement with their assigned identification number, contestant name, and chapter name.
- The State level competition fee of \$28 per contestant will be paid by the competing school. If a chapter is gold affiliated, registration to state FFA career development events is waived.

Event Format

EQUIPMENT

Materials to be provided by the student:

- Two no. 2 pencils
- Floral Cutters
- Ribbon Scissors
- Floral Knife
- Wire Cutters
- Non-programmable Calculator

Participants are not to bring:

- Cell phones or other electronic devices (unless for medical purposes)

Materials to be provided by the coordinator:

- Floral Materials (container, ribbon, foam, etc.)
- Flowers
- Foliage

EVENT SNAPSHOT

The event is comprised of the following activities:

- Part 1: Assigned Arrangement – 30 minutes
- Part 2: Design of Choice Floral Arrangement – 45 minutes

A chapter must have a team of three (3) for team awards. A team can have up to four individuals, but only the top three (3) scores are used in determining the team's rank.

INDIVIDUAL ACTIVITIES

The Floral Design Career Development Event will have two components:

Part I: Assigned Arrangement

Contestants will produce a flower arrangement based on an order scenario specified by the Event Coordinator at the start of this event section. A deduction of 30 points will be taken if the completed design is not appropriate for the given scenario.

Reference: Part I – Assigned Floral Arrangement

Part II: Design of Choice Floral Arrangement

Contestants will make an arrangement in the design form of their choice with the arrangement meeting the price range indicated by the Event Coordinator. Contestants must identify the design form they have chosen and list its intended use. Contestants will be required to prepare an Itemized List of Costs Sheet for their floral design. A retail flower and hard goods pricing sheet will be made available to students for use in calculating the price of the arrangement. (See Attachment – Sample Retail Price Sheet) This pricing sheet will reflect current retail prices for the floral and hard goods materials. Students will need to add 20% for the cost of labor and 7% sales tax to their pricing.

Reference: Part 2 – Design of Choice Arrangement

Scoring

Phase	Individual Points	Team Points
Assigned Arrangement	100	300
Design of Choice Floral Arrangement	100	300
Official Dress	4	12
TOTAL MAXIMUM POINTS POSSIBLE	204	612

TIEBREAKERS

If ties occur, the following sections of the event, in this order, will be used in the listed order to determine award recipients:

INDIVIDUAL

1. Design of Choice Floral Arrangement Score
2. Assigned Arrangement Score

TEAM

1. Design of Choice Floral Arrangement Score
2. Assigned Arrangement Score

Awards

Awards will be presented to individuals and the first team based on their rankings at the CDE awards ceremony at the New Jersey State FFA Convention. Awards are sponsored by the New Jersey FFA Association. The first-place team will be invited to create the stage decorations for the State FFA Convention.

Individual

- Overall Medals
 - Medals – Top three individuals
- H.O. Sampson Certificates (hands-on practicum areas ONLY)
 - Certificate – Top five individuals

Team

- Banner Sponsored by the New Jersey FFA Association - 1st place

Awards will be presented to individuals and the first team based on their rankings at the CDE awards ceremony at the New Jersey State FFA Convention. The awards are sponsored by the National FFA Foundation and the New Jersey FFA Association.

The 1st place team will represent New Jersey at the National FFA Convention in October.

Request for Reasonable Accommodations

The New Jersey FFA Association is committed to providing equal access to our events and activities for all people. Use this form to request a reasonable accommodation or assistance at least 3 weeks before any state-level events: <https://form.jotform.com/NJFFA/accommodations-request>. A new form will need to be submitted for each event in which a reasonable accommodation is being requested. This information will be kept confidential and will be used only to process the request. Our staff will review the request upon receipt and contact the requestor with additional information. The association cannot guarantee accommodations or assistance if a form is received less than 3 weeks before an event. Accommodations being requested that require the assistance of another person (nurse, interpreter, scribe, reader, etc.) is the responsibility of the school/requestor. It is also the school/requestor's responsibility to provide any approved equipment to aide in the accommodation process, if applicable.

References

This list of references is not intended to be all-inclusive.

- Arranging Cut Flowers. 1985. Ortho Books. Chevron Chemical Company.
- Floral Design and Marketing. 1988. Ohio Agricultural Education Curriculum Materials Service. The Ohio State University, Room 254, 2120 Fyffe Road, Columbus, OH 43210
- The Art of Floral Design. 2000. Norah T. Hunter. Delmar Learning.
- Introductory Horticulture. 2002. H. Edward Reiley & Carroll Shry. Delmar Learning.
- The Floral Artist's Guide, A Reference to Cut Flowers and Foliages. 2001. Pat Diehl Scace. Delmar Learning.
- CAERT Library Lessons – Horticulture Library

Part I - Assigned Floral Arrangement

Construction

1. Contestants will create a floral arrangement based on an order scenario given at the start of the event by the Event Coordinator. An example scenario would be:
"Mrs. Kelley has ordered a centerpiece for her luncheon tomorrow. She will be placing it in the center of a round table seating six people. She prefers spring colors. Please design a floral centerpiece for Mrs. Kelley taking into consideration the "conversation zone" height restriction."
2. Contestants will have 30 minutes to complete the arrangement. All contestants will stop designing when the time limit is called and will not be allowed additional time.
3. Each student will be furnished with the following supplies based on design type*:
 - 3-5 stems of line flower such as Stock, Liatrus, Snapdragons, etc.
 - 6-10 stems of focal flowers such as Carnations, Roses, Chrysanthemums, etc. (more than one type may be issued to the same student)
 - 2-4 stems filler flowers such as Baby's Breath, Waxflower, Solidago, etc.
 - 6-8 pieces foliage greens such as Baker Fern, Lemonleaf, Seeded Eucalyptus, etc.)
 - 1/3-1/2 block floral foam (if required for container)
 - 1 container
 - 1 piece (approximately 12") of container tape
 - 1 cardette

**Please note supplies may vary slightly based on discretion of contest coordinator and availability of materials.*

NOTE: *It is not required to use all given materials in the floral arrangement.*

EXPLANATION OF FLORAL ARRANGEMENT TERMS

Design: Category interpretation: design follows objective/scenario given

Balance: Visual and physical feeling of stability

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, visual path

Mechanics: Professional techniques and application

Scale: Relative ratio or proportion of container to floral arrangement

Unity: Cohesiveness of design

Color: harmonious use of color

Assigned Floral Arrangement Rubric

102 POINTS

Name _____ **Chapter** _____ **Team Number** _____

Judge Name _____ **Judge's Signature** _____ **Date** _____

	Excellent	Good	Needs Improvement	Member Score
CATEGORY INTERPRETATION	7-10 points Design follows given scenario within provided parameters and correlates to the appropriate style, shape and design	4-6 points Design slightly followed given scenario but is somewhat lacking in appropriate style, shape, or design	0-3 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 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	7-10 points Design is the correct size based on container given	4-6 points Design is slightly out of proportion	0-3 points Design is not in proportion with container given	
UNITY	7-10 points All principles of design are present and executed well	4-6 points Some principles of design are executed well	0-3 points None or few principles of design are executed well	
OFFICIAL DRESS	2 points Proper official dress or business dress is worn	1 point One to three of the official dress requirements are noted	0 points Not in official dress or business dress; Three or more of the official dress requirements are noted	
TOTAL SCORE (102 points possible)				

Part II - Design of Choice Arrangement

Construction

1. The student will design a \$40 floral arrangement made in the style of the contestant's choice.
2. Contestants will have 30 minutes to complete the arrangement. All contestants will stop designing when the time limit is called and will not be allowed additional time.
3. Each student will be furnished with assorted floral materials. Students should determine their design form based on the materials they find at their individual workstation.
 - 3-5 stems line flower such as Stock, Liatrus, Snapdragons, etc.
 - 6-10 stems of focal flowers such as Carnations, Roses, Chrysanthemums, etc. (more than one type may be issued to the same student)
 - 2-4 stems filler flowers such as Baby's Breath, Waxflower, Solidago, etc.
 - 6-8 pieces foliage greens such as Baker's Fern, Lemonleaf, Seeded Eucalyptus, etc.
 - 1/3-1/2 block floral foam (if required for container)
 - 1 container
 - 1 piece (approximately 12") of container tape
 - 1 cardette

**Please note supplies may vary slightly based on discretion of event coordinator and availability of materials.*

NOTE: *It is not required to use all given materials in the floral arrangement*

4. Students must identify on their Score Card the Design Form they chose and its intended use. A deduction of 15 Design points will be taken if the floral arrangement is not identified correctly on the Score Card. Examples of Design Forms are: Centerpiece, Crescent, Fan, Round, Vertical, Asymmetrical, Triangle and Horizontal.
5. Students are allowed an additional 15 minutes to complete an Itemized List of Cost for the arrangement they have created. This form will include costs of Flowers and Foliages, costs of Hard Goods, 20% Labor Cost and 7% Sales Tax. This bill will be completed on the invoice sheet provided by the Event Coordinator. (See Attachment – Itemized List of Costs Sheet)

EXPLANATION OF FLORAL ARRANGEMENT TERMS

Design: Category interpretation: design follows objective/scenario given

Balance: Visual and physical feeling of stability

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, visual path

Mechanics: Professional techniques and application

Scale: Relative ratio or proportion of container to floral arrangement

Unity: Cohesiveness of design

Color: harmonious use of color

Price Range: 5 points will be lost/deducted if the itemized cost does not calculate between \$38.00 - \$42.00

Accuracy: All materials correctly identified as to name, quantity, and unit cost; All price cost extensions, labor cost and sales tax calculations are correctly made. Total cost is added correctly.

Design of Choice Floral Arrangement Rubric

102 POINTS

Name	Chapter	Team Number	Design From Created
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Judge Name	Judge's Signature	Date
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	Excellent	Good	Needs Improvement	Member Score
ARRANGEMENT				
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 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	01 points Design is not in proportion with container given	
UNITY	4-5 points All principles of design 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				
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.	
OFFICIAL DRESS	2 points Proper official dress or business dress is worn	1 point One to three of the official dress requirements are noted	0 points Not in official dress or business dress; Three or more of the official dress requirements are noted	
TOTAL SCORE (102 points possible)				

Floral Arrangement Itemized List of Costs

Name _____ **Chapter/State** _____ **Team Number** _____

Judge Name _____ **Judge's Signature** _____ **Date** _____

Quantity	Flower/Foliage	Unit Cost	Total
TOTAL FLOWER/FOLIAGE MATERIAL COST			

Quantity	Material Used	Unit Cost	Total
TOTAL HARD GOODS COST			

Total Plant Material Cost	
Total Hard Goods Cost	
Labor Cost (20%)	
Sub Total	
Tax (7%)	
TOTAL ARRANGEMENT COST*	

**Participants will be provided the retail price of flowers and foliage that they will use in their arrangement by the event official at the beginning of the practicum. The markup is built into the retail price of the flowers and the foliage used in the arrangement.*

Floral Design CDE Sample Retail Price Sheet

FLOWERS	RETAIL PRICE	FLOWERS	RETAIL PRICE
Ageratum	\$2.65	Rose:	
Alstroemeria	\$2.55	<i>Regular</i>	\$4.20
Anthurium	\$5.20	<i>Spray</i>	\$2.65
Aster (Spring)	\$2.20	Snapdragon	\$3.20
Astilbe	\$2.60	Solidago/Solidaster	\$2.20
Baby's Breath	\$2.25	Statice	\$2.20
Bells of Ireland	\$2.75	Stock	\$2.20
Bird of Paradise	\$6.25	Sunflower	\$3.20
Bupleurum	\$2.75	Tuberose	\$3.15
Carnation:		Tulip	\$2.15
<i>Novelty Select</i>	\$1.75	Waxflower	\$2.85
<i>Mini Carnations</i>	\$1.75	Zinnia	\$2.10
Cattleya Orchid	\$5.25		
Chrysanthemum:			
<i>Daisy/Pompons</i>	\$2.25		
<i>Spider/Fuji</i>	\$2.75		
Cymbidium Orchid	\$4.25		
Delphinium	\$2.75		
Freesia	\$3.20		
Gardenia	\$10.25		
Gerbera Daisy	\$3.65		
Gladiolus	\$2.65		
Heather	\$2.10		
Hydrangea	\$6.20		
Hyacinth	\$4.70		
Iris	\$2.70		
Larkspur	\$3.20		
Leptospermum	\$2.10		
Liatris	\$2.10		
Lilac	\$3.65		
Lily:			
<i>Asiatic</i>	\$4.25		
<i>Oriental</i>	\$5.25		
Limonium	\$2.10		
Marigold	\$2.10		
Marguerite Daisy	\$2.55		
Queen's Anne Lace	\$2.10		

GREENS	RETAIL PRICE
Asparagus Fern	\$0.70
Baker Fern	\$0.30
Huckleberry	\$0.70
Lemonleaf	\$0.85
Plumose Fern	\$0.45
Sperengi Fern	\$1.20

HARD GOODS	RETAIL PRICE
Floral Foam	\$1.50/brick
Bowl/Container/Vase	\$3.25

Floral Design CDE Official Dress Scoring Rubric

0 Points	1 Point	2 Points
<ul style="list-style-type: none"> • Not in official dress or business dress • More than three of the following are noted: <ul style="list-style-type: none"> ○ Skirt is considerably above knee length, spandex, shorts or jeans are worn ○ Shoes are not black, or sneakers are worn ○ FFA jacket not zipped ○ Official dress is worn, but no jacket ○ Shirt/ blouse hanging out ○ No scarf/tie worn ○ Flashy tie/scarf – not blue, black, or FFA ○ Socks/nylons are not black ○ More than three medals are worn on the jacket ○ Pins and other insignia are worn on jacket (state convention/theme pin is acceptable) ○ Member is wearing a hat 	<ul style="list-style-type: none"> • One to three of the following are noted: <ul style="list-style-type: none"> ○ Skirt is considerably above knee length, spandex, shorts or jeans are worn ○ Shoes are not black, or sneakers are worn ○ FFA jacket not zipped ○ Official dress is worn, but no jacket ○ Shirt/ blouse hanging out ○ No scarf/tie worn ○ Flashy tie/scarf – not blue, black, or FFA ○ Socks/nylons are not black ○ More than three medals are worn on the jacket ○ Pins and other insignia are worn on jacket (state convention/theme pin is acceptable) ○ Member is wearing a hat 	<p>Dressed in:</p> <ul style="list-style-type: none"> • Black dress slacks/ skirt • (No mini skirt, spandex, shorts or jeans are worn) • FFA Jacket zipped to top • FFA, blue, or black scarf/tie • Black Shoes • Black nylons/socks • White collared shirt/ blouse • No more than three medals are worn on the jacket