

FLORICULTURE

Revised 6/2013

Purpose and Standards

The Floriculture Career Development Event seeks to effectively prepare students for the expectations of the agricultural floral industry. The students seeking careers in the floricultural field must not only develop a high degree of knowledge and skill, they must also use critical thinking and oral communication skills. They will be able to demonstrate quality evaluation by judging potted foliage plants, cut flowers, flowering potted plants, and floral design classes. The students will identify the many cut flowers, potted plants, and tools and materials commonly used in the floral industry. Students will also construct a corsage and floral arrangement according to the floral industry standards.

California Career Technical Education Model Curriculum Standards addressed by this event include:

Foundation Standards: 2.0 Communications – 2.4; 1.1; 2.2 a, b, c, f; 5.0 Problem Solving and Critical Thinking; 6.0 Health and Safety.

Career Pathway Standards: Agriscience Pathway C11.2; Forestry and Natural Resources Pathway E8.2; Ornamental Horticulture Pathway F1.4, F1.5, F9.0, F11.0

Contestants

Teams shall consist of three or four members. The scores of the three highest team members shall be used for the team score. All team members are eligible for individual awards. State finals contest will consist of a preliminary round and a final round. The preliminary round will be held Friday and the final round will be held the following day. To qualify for the final round, a team must be in the top 24 teams after the preliminary round. The preliminary round will consist of Flower ID, Potted Plant ID, Tool/materials ID, and one non-reasons class of judging. In the preliminary round, in the case of a tie, the judging class will be used as the tie breaker. The top 24 teams will be posted at the conclusion of the preliminary round tabulations. Preliminary round scores will be added to the final round scores on Saturday.

Classes

The contest will be scored on 900 points per individual/2700 points per team. Individually the contest will be scored as follows:

Class	Individual Points	Team Points
1 class of potted foliage plants	50	150
3 classes of cut flowers	150	450
1 class of flowering potted plants	50	150
1 class of floral design	50	150
2 classes of reasons	100	300
Flower identification	100	300
Potted plant identification	100	300
Tool/materials identification	100	300
Flower arrangement construction	100	300
Corsage construction	100	300
TOTAL	900	2700

Tie Breaker

1. The team or individual scoring the highest reason score(s) will be with winner.
2. If a tie still exists, the total score of the individual or team will be used to determine the high individual or team.

Sub-contest Awards

Sub-contest awards will be given for high teams and individuals in the following areas: Judging, Reasons, Tool/Materials ID, Construction. (Reasons are not included in judging sub-contest score.)

Rules

- I. Eleven classes will be judged. They will be labeled A, B, C, D, E, F, G, H, I, J, and K.
- II. These shall consist of: Three classes of commercially marketable cut flowers; one class of flowering potted plants; one class of potted foliage plants; one class of floral design from one of the five basic design styles; asymmetrical, symmetrical, L-shaped, horizontal, vertical; one section of flower identification; one section of potted plant identification; one section of tool identification; a corsage construction class and a flower arrangement construction class.
- III. Reasons will be given on TWO of the six classes judged.
- IV. Reasons will be scored from 0 to 50 points based on the following criteria:

1. Subject matter	60%
2. Logic and force	30%
3. Bearing and address	10%

- V. Ten minutes will be allowed for judging each reasons class and five minutes for each non-reasons judging class. Two minutes per contestant will be allowed for presentation of oral reasons.
 - A. Class of cut flowers: four vases of six flowers each. Flowers will be displayed so that the condition of the flowers does not change throughout the contest. Choose cut flower classes from the following list only.

CARNATIONS; STANDARD OR SPRAY CHRYSANTHEMUMS; SNAPDRAGONS; STOCK; GLADIOLUS; and ROSES.

- B. Class of flowering potted plants: four specimens. Choose flowering potted plants from the following list only.

CHRYSANTHEMUM; GLOXINIA; CINERARIA; AFRICAN VIOLET; AZALEA, LILY and HYDRANGEA.

- C. Class of potted foliage plants: four specimens. Choose potted foliage plants from the following list only.

DEVIL'S IVY (POTHOS); PEPEROMIA; RUBBER PLANT; DIEFFENBACHIA; BOSTON FERN; and PARLOR PALM.

- VI. Contestants are only allowed to bring the following items to the contest with them:
 - A. Florist's Knife
 - B. Florist's Shears
 - C. Florist's Scissors
 - D. Wire Cutters

- VII. Identification - Students will be allowed 15 minutes in each of the three identification sections.

- VIII. Construction – Students will be allowed 30 minutes to construct their corsage and 30 minutes to construct their arrangement.
- IX. Judging/Construction Terms Which May Need Explanation
- A. Cultural Perfection - the physical appearance of the plant clearly indicates the skill of the grower.
 - B. Pot to Plant Relationship - plant should be in proportion to the size of the pot. Rule of thumb, plant should be 1 1/2 times that of the pot.
 - C. Balance - A visual stability created by the placement of weight and attraction in the arrangement. A physical balance of the completed arrangement.
 - D. Color Harmony - Colors used which work well together and reinforce the overall design.
 - E. Depth - Placing flowers further back from the central vertical axis to create a change of plane.
 - F. Focal Point - Created by the placement of one or more mass flowers at the middle of the design, on the rim of the container.
 - G. Form - Designing an arrangement of the proposed form (i.e., symmetrical triangle)
 - H. Proportion - The size relationship of the overall
 - I. Radiation - Stems should originate (radiate) from the central vertical axis.
 - J. Rhythm - How the viewer's eye flows through the arrangement as a response to the flow of material and color.
 - K. Scale - Size relationship of the individual component parts.
 - L. Spacing - The flowers at the focal point are the closest together and as you move away from the focal point, the flowers are progressively spaced farther and farther apart.
 - M. Texture - The reaction to the surface of the material; rough, smooth, glossy, dull.
- X. Identification: Twenty-five cut items will be selected from the following list and will be scored at four points per correct answer. Total of 100 points possible.

A	<i>Achillea filipendulina</i>	Yarrow
B	<i>Agapanthus africanus</i>	Agapanthus
C	<i>Alpinia purpurata</i>	Ginger
D	<i>Alstroemeria aurantiaca</i>	Alstroemeria
E	<i>Amaranthus</i>	Amaranthus
AB	<i>Ammi majus</i>	Queen Ann's Lace
AC	<i>Anemone coronaria</i>	Anemone
AD	<i>Anthericum saundersiae</i>	Lily Grass
AE	<i>Anthirrhinum majus</i>	Snapdragon
BC	<i>Anthurium andraeanum</i>	Anthurium
BD	<i>Asparagus asparagoides</i>	Smilax
BE	<i>Asparagus plumosus</i>	Plumosus Fern
CD	<i>Asparagus retrofractus</i>	Ming Fern
CE	<i>Asparagus setaceus</i>	Tree Fern
DE	<i>Asparagus sprengerii</i>	Sprengeri Fern
ABC	<i>Aster ericoides</i> 'Monte Casino'	Monte Casino Aster
ABD	<i>Banksia</i> sp.	Banksia
ABE	<i>Buxus</i> sp.	Boxwood
ACD	<i>Callistephus chinensis</i>	China Aster

ACE	<i>Camellia japonica</i>	Camellia
ADE	<i>Centaurea cyanus</i>	Bachelors Button
BCD	<i>Chamaedorea</i> sp.	Comedor
BCE	<i>Chamaelucium</i> species	Waxflower
BDE	<i>Cordyline terminalis</i>	Ti Leaves
CDE	<i>Cosmos</i> spp.	Cosmos
ABCD	<i>Cymbidium</i> cv.	Cymbidium Orchid
ABCE	<i>Cyperus papyrus</i>	Papyrus Foliage
ABDE	Dahlia hybrids	Dahlia
ACDE	<i>Delphinium ajacis</i>	Larkspur
BCDE	<i>Delphinium elatum</i>	Delphinium
ABCDE	<i>Dendranthema morifolium</i>	Spray of Pompon Chrysanthemum
A	<i>Dendranthema morifolium</i>	Standard Chrysanthemum
B	<i>Dendrobium</i> cv.	Dendrobium Orchid
C	<i>Dianthus barbatus</i>	Sweet William
D	<i>Dianthus caryophyllus</i>	Spray Carnation
E	<i>Dianthus caryophyllus</i>	Standard Carnation
AB	<i>Equisetum hyemale</i>	Horsetail
AC	<i>Erica carnea</i>	Heather
AD	<i>Eucalyptus polyanthemos</i>	Silver Dollar Eucalyptus
AE	<i>Eucalyptus pulverulenta</i>	Spiral Eucalyptus
BC	<i>Eustoma grandiflora</i>	Lisianthus
BD	<i>Forsythia</i> spp.	Forsythia
BE	<i>Freesia refracta</i>	Freesia
CD	<i>Galax urceolata</i>	Galax Leaf
DE	<i>Gardenia jasminoides</i>	Gardenia
ABC	<i>Gaultheria shallon</i>	Lemon Leaf
ABD	<i>Genista</i> sp.	Scotch Broom
ABE	<i>Gerbera jamesonii</i>	Gerbera
ACD	<i>Gladiolus hybrida</i>	Gladiolus
ACE	<i>Gypsophila</i>	Baby's Breath
ADE	<i>Helianthus annuus</i>	Sun Flower
BCD	<i>Heliconia</i> species	Heliconia
BCE	<i>Iris xiphium</i>	Dutch Iris
BDE	<i>Lathyrus odoratus</i>	Sweet Pea
CDE	<i>Leptospermum scoparium</i>	Leptospermum
ABCD	<i>Leucadendron</i> spp.	Leucadendron
ABCE	<i>Leucospermum</i> sp.	Pincushion Protea
ACDE	<i>Liatris calliepis</i>	Liatris
ABDE	<i>Lilium</i> sp.	Asiatic Lily
BCDE	<i>Lilium</i> sp.	Oriental Lily
ABCDE	<i>Limonium</i> hybrids	'Misty Series' Statice
A	<i>Limonium perezii</i>	Sea Lavender Statice

B	<i>Limonium sinuatum</i>	Annual Statice
C	<i>Lysimachia clethroides</i>	Lysimachia
D	<i>Magnolia grandiflora</i>	Magnolia foliage
E	<i>Mathiola incana</i>	Stock
AB	<i>Molluccella laevis</i>	Bells of Ireland
AC	<i>Myrtus communis</i>	Tall Myrtle
AD	<i>Narcissus pseudo-narcissus</i>	Daffodil
AE	<i>Nerine hybrids</i>	Nerine Lily
BC	<i>Oncidium spp.</i>	Oncidium Orchid
BD	<i>Ornithogalum thyrsoides</i>	Star of Bethlehem
BE	<i>Phalaeonopsis cv.</i>	Phalaeonopsis
CD	<i>Phormium tenax cv.</i>	New Zealand Flax
CE	<i>Pittosporum tobria</i>	Pittosporum
DE	<i>Polianthes tuberosa</i>	Tuberose
ABC	<i>Protea sp.</i>	Protea
ABD	<i>Pteris sp.</i>	Brake Fern
ABE	<i>Ranunculus asiaticus</i>	Ranunculus
ACD	<i>Rhamnus californica</i>	Coffeeberry (hypericum berry)
ACE	<i>Rosa hybrida</i>	Rose
ADE	<i>Rumohra adiantiformis</i>	Leatherleaf Fern
BCD	<i>Ruscus aculeatus</i>	Italian Ruscus
BCE	<i>Ruscus sp. (hypoglossum or hypophyllum)</i>	Israeli Ruscus
BDE	<i>Salix discolor</i>	Pussywillow
CDE	<i>Salix matsudana 'Tortuosa'</i>	Curly Willow
ABCD	<i>Scabiosa spp.</i>	Scabiosa Flower
ABCE	<i>Solidago</i>	Solidago (solid aster)
ABDE	<i>Stephanotis floribunda</i>	Stephanotis
ACDE	<i>Strelitzia reginae</i>	Bird of Paradise
BCDE	<i>Syringa vulgaris</i>	Lilac
ABCDE	<i>Tulipa cv.</i>	Tulip
A	<i>Typha spp.</i>	Cattails
B	<i>Veronica cultivar</i>	Veronica
C	<i>Xerophyllum tenax</i>	Bear Grass
D	<i>Zantedeschia aethiopica</i>	Calla Lily

XI. POTTED PLANT IDENTIFICATION

From the following plants, 25 will be selected for the purpose of plant identification.

Scoring will be the same as for flower and foliage identification.

A	<i>Aechmea fasciata</i>	Bromeliad
B	<i>Aglaonema modestum</i>	Chinese Evergreen
C	<i>Anthurium species</i>	Anthurium

D	<i>Aphelandra squarrosa</i>	Zebra Plant
E	<i>Araucaria heterophylla</i>	Norfolk Island Pine
AB	<i>Aspidistra elatior</i>	Cast Iron Plant
AC	<i>Asplenium nidus</i>	Birdsnest Fern
AD	<i>Begonia sp.</i>	Rieger Begonia
AE	<i>Brassaia (Schefflera) actinophylla</i>	Umbrella Tree
BC	<i>Caladium bicolor</i>	Caladium
BD	<i>Calathea species</i>	Calathea
BE	<i>Chamaedorea elegans</i>	Parlor Palm
CD	<i>Chlorophytum comosum</i>	Spider Plant
CE	<i>Cissus rhombifolia</i>	Grape Ivy
DE	<i>Codiaeum variegatum</i>	Croton
ABC	<i>Coleus blumei</i>	Coleus
ABD	<i>Crassula argentea</i>	Jade Plant
ABE	<i>Cyclamen persicum</i>	Cyclamen
ACD	<i>Dieffenbachia sp.</i>	Dumb Cane
ACE	<i>Dizygotheca elegantissima</i>	False Aralia
ADE	<i>Dracaena fragrans</i>	Corn Plant
BCD	<i>Dracaena marginata</i>	Red Edge Dracaena
BCE	<i>Euphorbia pulcherrima</i>	Poinsettia
BDE	<i>Euphorbia splendens</i>	Crown of Thorns
CDE	<i>Exacum affine</i>	Persian Violet
ABCD	<i>Fatsia japonica</i>	Japanese Aralia
ABCE	<i>Ficus benjamina</i>	Weeping Chinese Fig
ABDE	<i>Ficus elastica 'Decora'</i>	Rubber Tree
BCDE	<i>Fittonia verschaffeltii argyroneura</i>	White Fittonia
ABCDE	<i>Fuchsia hybrida</i>	Fuchsia
A	<i>Gibasis geniculata</i>	Bridal Veil
B	<i>Gynura aurantiaca</i>	Velvet Plant
C	<i>Hedera helix</i>	English Ivy
D	<i>Hippeastrum vittatum</i>	Amaryllis
E	<i>Hoya carnosa</i>	Wax Plant
AB	<i>Hyacinthus orientalis</i>	Hyacinth
AC	<i>Hydrangea macrophylla</i>	Hydrangea
AD	<i>Hypoestes sanguinolenta</i>	Polka-Dot Plant
AE	<i>Impatiens sultanii</i>	Impatiens
BC	<i>Kalanchoe blossfeldiana</i>	Kalanchoe
BD	<i>Lilium longiflorum</i>	Easter Lilly
BE	<i>Maranta leuconeura</i>	Prayer Plant
CD	<i>Monstera deliciosa</i>	Split-Leaf Philodendron
CE	<i>Narcissus sp.</i>	Paperwhites
DE	<i>Nephrolepis exalta 'Bostoniensis'</i>	Boston Fern
ABC	<i>Pelargonium hortorum</i>	Geranium

ABD	<i>Pelargonium peltatum</i>	Ivy Geranium
ABE	<i>Peperomia caperata</i>	Emerald Ripple Peperomia
ACD	<i>Peperomia obtusifolia</i>	Wax Leaf Peperomia
ACE	<i>Peperomia obtusifolia</i> 'Variegata'	Variegated Peperomia
ADE	<i>Philodendron oxycardium</i>	Heartleaf Philodendron
BCD	<i>Pilea cadierei</i>	Aluminum Plant
BCE	<i>Plectranthus australis</i>	Swedish Ivy
BDE	<i>Rhaphidophora aureus</i>	Golden Pothos
CDE	<i>Rhododendron indica</i>	Azalea
ABCD	<i>Saintpaulia ionantha</i>	African Violet
ABCE	<i>Sansevieria trifasciata</i>	Snake Plant
ABDE	<i>Sansevieria trifasciata</i> 'Hahnii'	Birdsnest Snake Plant
BCDE	<i>Schlumbergera bridgesii</i>	Christmas Cactus
ABCDE	<i>Senecio cruentus</i>	Cineraria
A	<i>Sinningia speciosa</i>	Gloxinia
B	<i>Spathiphyllum</i> spp.	Peace Lily
C	<i>Syngonium podophyllum</i>	Arrowhead Plant
D	<i>Tolmiea menziesii</i>	Piggy-back Plant
E	<i>Tradescantia</i> , <i>Zebrina</i> species	Wandering Jew

XII. TOOL AND MATERIAL IDENTIFICATION

A	Aqua Pics
B	Bouquet Holders
C	Boutonniere Pin
D	Bud Vase
E	Care Tag
AB	Cardette
AC	Casket Saddle
AD	Chenille Stem
AE	Clear Vinyl Liner
BC	Compote
BD	Corsage Bag
BE	Corsage Pin
CD	Crushed Styrofoam
CE	Curling Ribbon
DE	Enclosure Card
ABC	Excelsior
ABD	Fabric Scissors
ABE	Floral Foam
ACD	Floratape
ADE	Florist Easel
BCD	Florist Knife
BCE	Florist Shears/Snips

BDE	Foam Cage
CDE	Glass Gems
ABCD	Glass Marbles
ABCE	Glue Gun
ACDE	Glue Sticks
BCDE	Grapevine Wreath or Garland
ABCDE	Green Enameled Florist Wire #18
A	Green Enameled Florist Wire #24
B	Green Enameled Florist Wire #30
C	Greening Pins (Fern Pins)
D	Hot Glue Pan
E	Kenzon (Pin Holder)
AB	Latex Balloon
AC	Metal Pick
AD	Metallic Foil
AE	Mylar Balloon
BC	Net
BD	Orchid Tube
BE	Paddle Wire
CD	Pan Glue
CE	Paper Mache Liner
DE	Pearl Spray/Loop
ABC	Poly Foil
ABD	Pot Cover
ABE	Preserved/Dry Oak Leaves
ACD	Preserved/Dry Wheat
ACE	Raffia
ADE	Ribbon #1 1/2
BCD	Ribbon #3
BDE	Ribbon #5
CDE	Ribbon #9
ABCD	Ribbon #16
ABCE	Ribbon #40
BCDE	Rose Stripper
ABCDE	Rose Vase
A	Shredded Wax Paper
B	Single Design Bowl
C	Spanish Moss
D	Sphagnum Moss
E	Square Picks
AB	Stephanotis Stems
AC	Steel Pick Machine
AD	Stickum

- AE Styrofoam
- BC Tulle
- BD Waterproof Tape
- BE Wire Cutters
- CD Wired Wooden Pick
- CE Wristlet

XIII. SCORE CARDS

MARKETABLE CUT FLOWER JUDGING SCORE CARD	VALUE
1. Condition	25%
<ul style="list-style-type: none"> a. uniformity b. freedom from bruise and blemish c. substance 	
2. Form	20%
<ul style="list-style-type: none"> a. uniformity b. maturity c. correct shape d. regular petalage 	
3. Stem and Foliage	20%
<ul style="list-style-type: none"> a. uniformity b. strength and straightness c. foliage quality d. size and proportion 	
4. Size	15%
<ul style="list-style-type: none"> a. uniformity b. deduct points in relation to development and condition of oversize or undersize 	
5. Color	20%
<ul style="list-style-type: none"> a. uniformity b. intensity 	

FLOWERING POTTED PLANT JUDGING SCORE CARD	VALUE
1. Cultural Perfection	30%
<ul style="list-style-type: none"> a. general symmetry b. good foliage color c. freedom from disease d. insect pests e. mechanical injury 	
2. Floriferousness (effect of: floriferousness)	20%
<ul style="list-style-type: none"> a. placement b. number of flowers c. distribution d. symmetry of floral display 	
3. Size of plant	20%
<ul style="list-style-type: none"> a. form b. good pot to plant relationship c. good condition -- not spindling 	
4. Color of bloom	10%
<ul style="list-style-type: none"> • good according to variety • fading 	
5. Size of bloom	10%
<ul style="list-style-type: none"> • good according to variety 	
6. Saleability	10%

POTTED FOLIAGE PLANT SCORE CARD	VALUE
1. Cultural Perfection	30%
<ul style="list-style-type: none"> a. form b. symmetry of form c. plant in good condition -- not spindling 	
2. Health	20%
<ul style="list-style-type: none"> a. fungus or bacterial disease b. insect pests c. physiological disease d. mechanical injury e. sunburn 	
3. Size of plant	20%
<ul style="list-style-type: none"> a. proper pot to plant relationship 	
4. Foliage	30%
<ul style="list-style-type: none"> a. characteristic for variety b. color c. freedom from damage d. sufficient to cover the plant 	

FLORAL DESIGN SCORE CARD	VALUE
1. Design	50%
a. spacing b. balance c. proportion d. scale	
2. Color	20%
a. harmonious b. placement	
3. Condition of materials	10%
a. materials of good quality b. appropriate for style	
4. Texture	10%
a. appropriate for style	
5. Finishing Detail	10%

XIV. CORSAGE CONSTRUCTION

- A. A 30 minute time limit will be allowed after all contestants have chosen supplies and found work space. Five, not to exceed seven, miniature carnations will be provided for each student and each will be free to choose from an assortment of foliage and necessary materials made available by the contest chairperson.
- B. Judging of the corsages will be done anonymously with neither the contestant nor coaches being present. Contestants must provide their own tools for creating their corsages; i.e. shears, scissors, knives.
- C. Feathering of carnations is permitted, but not required. Carnations may be used intact as single flowers.
- D. A corsage is a floral accessory worn to compliment a woman's clothing. It should be comfortable and attractive. The corsage constructed by each contestant will be judged on the following basis:

CORSAGE CONSTRUCTION CRITERIA FOR JUDGING	POINTS
A. Design	40 Points
1. Spacing	
2. Scale and Proportion	
3. Texture and Color (Choice of Material)	
B. Construction	40 Points
1. Taping and Joining points	
2. Wiring	
C. Wearability	20 Points
1. Light and Airy	
2. Shape and Body	
TOTAL	100 Points

Suggested range of points:

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|----------|--|
| 90-100 | Excellent corsage, appealing, good design, flawless finishing, few or minimal errors. |
| 80-89 | Good corsage, commercially and artistically acceptable, but having some areas of difficulty. |
| 60-79 | Reasonable construction, some skill evident, but seriously flawed. |
| 59-below | Not wearable by reason of design or construction. |

XV. ARRANGEMENT CONSTRUCTION

- A. A flower arrangement will be constructed by each team member. Each student will construct a one-sided vertical line foam design OR a loose placement vase arrangement. Appropriate lines, mass, filler flowers, and foliage will be provided. The maximum number of flowers used by each student will be as follows:
- B. For Vertical Line Foam Arrangement:
 - 1. Flower and foliage selection.
 - a. 12 stems of flowers; mass, form or line counted prior to design
 - b. Contestants may use 12 stems or less (without penalty)
 - c. Contestants will have access to free choice filler and foliage.
 - 2. The students can make as many insertions as they would like with the 12 stems of flowers they selected.
 - 3. The arrangements will be judged based on western line design.
- C. For Loose Placement Vase Arrangement:
 - 1. Flower and foliage selection.
 - a. 12 – mass flowers
 - b. free choice - filler
 - c. free choice – foliage
 - 2. The vase arrangement may either be a dozen of the same mass flowers or a mixture of mass flowers, contestant choice.
 - 3. Flowers will be placed in a vase without the aid of mechanics (no tape, wire, ties, etc.). Arrangements should be able to be viewed from all directions. Flowers should be secure for delivery without undue caution taken to prevent flower shifting. (Wire may be used for strengthening of a flower stem but not to bind materials together.)
- D. A 30 minute time limit will be allowed after all contestants have chosen supplies and found workspace (10 minutes). Contestants must provide their own tools for creating their arrangement. No outside materials may be used.
- E. Wire will be provided to the students for the arrangement classes for broken and damaged flowers only. Wire is not to be used for binding.

F. The arrangement will be judged anonymously. The following will be used to evaluate each arrangement:

VERTICAL LINE FOAM ARRANGEMENT CONSTRUCTION CRITERIA FOR JUDGING	
A. ELEMENTS OF DESIGN (45 points)	
1. Pattern (20 points)	
a. Spacing	10 points
b. Form (Vertical Line)	5 points
c. Focal Point	5 points
2. Color (of an acceptable harmony)	10 points
3. Line (10 points)	
a. Vertical Placement	5 points
b. Radiation	5 points
4. Texture	5 points
B. PRINCIPLES OF DESIGN (45 points)	
1. Balance (15 points)	
a. Visual	10 points
b. Physical	5 points
2. Proportion	10 points
3. Scale	10 points
4. Rhythm	5 points
5. Depth	5 points
C. MECHANICS (10 points)	
1. Finishing detail	5 points
2. Secure and deliverable	5 points
TOTAL	100 points

LOOSE PLACEMENT VASE ARRANGEMENT CONSTRUCTION CRITERIA FOR JUDGING

A. Overall composition	10 points
B. Creativity	10 points
C. Scale (proportion)	10 points
D. Unity (harmony)	10 points
E. Balance (physical & visual)	10 points
F. Focal Emphasis	10 points
G. Line (movement & rhythm)	10 points
H. Depth	10 points
I. Color (balance, harmony, & rhythm)	10 points
J. Mechanics (professional application)	10 points
TOTAL	100 points