

FLORICULTURE CAREER DEVELOPMENT EVENT

Purpose:

To stimulate the study of and interest in production and retailing of flowers, plants and foliage through the agricultural education curriculum.

Objectives:

- To identify floriculture and bedding plant materials.
- To understand the biological and scientific principles and develop the skills underlying propagation, growth requirements, growing techniques, harvesting, marketing and maintenance of established floriculture plants.
- To understand principles and develop skills of floral design.
- To identify and select appropriate supplies and equipment for the flower shop and greenhouse.
- To understand and demonstrate interpersonal skills needed to attain successful employment in the floriculture industry.
- To understand and demonstrate proper sales and service skills.
- To develop those interpersonal skills prerequisite to effective participation in the floriculture industry.
- To identify the common tools and equipment used in the floriculture industry.

General rules

1. Participants may wear modified official FFA dress for this event (black slacks or jeans for females or black jeans for males and appropriate footwear, appropriate clothing for inclement weather).
2. A team will consist of four FFA members, with the top three individual scores counting toward team placing. No alternates will be allowed.
3. This State CDE will be held during the FFA State Leadership Conference.
4. Entry fees to cover the cost of hosting the event will be assessed.
5. Participants in need of special accommodations (disability or other health issues) must submit the Idaho State FFA Career Development Events Request for Special Accommodation Application found at the end of the General Rules and Regulations at least one month prior to the event.

Format and Scoring:

General knowledge – (50 minutes)
Problem Solving – 25 minutes
Plant ID and Tool ID – 25 minutes

Rotations

Arrangement – 25 minutes
Corsage - 25 minutes
Practicum1 – 10 minutes
Practicum 2 – 10 minutes

1. General Knowledge Examination (250 pts.)

Fifty objective-type multiple-choice questions will be written 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 this phase of the event. Each answer has a value of five points. The contents of the exam will come from the previous five (5) years of General Knowledge Exams from the National FFA Floriculture Career Development Event.

2. Problem Solving/Decision Making (125 pts.)

Each participant will solve five problems related to the various aspects of the floriculture industry identified in the event objectives. A problem-solving activity is defined as:

“A mental or physical activity involving the gathering or searching of information and the use of a logical solution process using commonly accepted standards and available information to solve a problem specific to a particular area of floriculture production or retailing.”

Each question will describe the situation associated with or creating a problem and list four possible solutions. The participant must decide on the best possible solution to the question. All materials and information necessary to solve the question will be available to the participant as he or she solves the problem.

Sample Problem

Situation: You are the owner of the “Flower City” florist shop. You received an order for a floral arrangement to be delivered to one of your regular customers. You give the order to one of your employees and ask that it be ready by delivery time. When the employee brings the finished arrangement to you for packing and delivery, you notice a problem with the arrangement. The arrangement set before you is the arrangement made by the employee. You realize that the problem must be corrected before the arrangement can be delivered. What would you tell your employee to do to the arrangement to correct the problem?

Possible Solutions:

- a. Move smaller flowers to the top of the arrangement and larger flowers to the bottom of the arrangement.
- b. Add a focal point to the arrangement.
- c. Use some different plant materials to add texture to the arrangement.
- d. Change the color of the flowers to make the colors compatible.

Each participant will be allowed 25 minutes to complete this phase of the event. Each correct solution has a value of 25 points.

3. Identification of Plant Materials (200 pts.)

Forty specimens from the Floriculture Plant Identification List (included with the scorecard) will be displayed for participants to identify by technical and common names. Each specimen will be designated by a number. Five 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. Plant material identification will be in the same 25 minute rotation with tool identification.

4. Identification of Equipment (50 points)

Ten equipment samples from the National equipment identification list will be displayed for participants to identify. A number will designate each sample. Five 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. Tool Identification will be in the same 25 minute rotation with plant material identification.

5. Floral Arrangement (100 pts.)

Make a \$35 flower arrangement. The type of arrangement will be selected from the following list:

Round Centerpiece

Triangle (non-centerpiece)

Horizontal

Each will be made using a 1/3 brick container.

Use the materials provided. Participants will be allowed 25 minutes to complete their arrangements and itemized bills.

Participants will be provided the retail price of the flowers and foliage they will use in their arrangements by the event assistant at the beginning of the practicum. The markup will be built into the retail price of the flowers and foliage used in the arrangement. When the participant has determined the total arrangement cost, he or she has included the markup. Retail cost of flowers and foliage given to the participant will be determined after polling florists to determine their current retail prices on the flowers and foliage used in the event.

Floral Arrangement Scorecard

	Possible Points
Arrangement (65 pts.)	
Design	35
Balance	15
Functionality	5
Judges' Choice	10
Itemized Bill (35 pts.)	
Price Range	11
Accuracy	10
Completeness	7
Neatness	7
Total Points	100

Explanation of Floral Arrangement Terms

1. Design: Design is the overall shape or form of composition; a planned relationship of the parts. The elements of design include: line (linear patterns attracting the eye to the focal point); form (three dimensional shape); texture (surface appearance of materials); color (use of tints, tones, shades of hues, as well as black, grey, and white); the pleasing way in which lines, textures, sizes, and colors are blended or contrasted; and the tying together of the parts by the combination of good design, balance, and harmony.
 2. Balance: Visual stability, regardless of whether design is symmetrical or asymmetrical; determined by material's relative sizes, relative darkness or lightness, and placement.
 3. Functionality: Appropriateness of arrangement for use intended; soundness of construction.
 4. Judges' Choice: The use of plant materials and design principles in a particularly creative, original, and unique manner.
6. Make and Package a Corsage (75 pts.)
Make and package a \$15 corsage. The type of corsage and information about the corsage will be announced by the event assistant in charge at the beginning of the practicum. All plant and nonplant materials needed to construct and package the corsage will be provided. Participants should be knowledgeable and possess skills in the use of glue in making a corsage. Each participant will be allowed 25 minutes to complete the construction of the corsage and complete an itemized bill. This practicum will be a part of the event every year.

Corsage Scorecard

	Possible Points
Wiring and taping	12
Use of Ribbon	15
Design	15
Wearability	14
Packaging	7
Pricing	<u>12</u>
Total Points	75

7. **Practica (150 points)**

Each participant will complete the floral arrangement practicum, the making and packing a corsage practicum, and two additional practicums from the list below. Each participant will provide his or her own florist shears, knife, and pencils for this phase of the event. The practicums will rotate on the following basis:

Even Years

- Potting Plant Cuttings
- Asexual Propagation

Odd Years

- Making a Dish Garden
- Pinching Plants

The following information describes each practicum.

a. **Potting Plant Cuttings (75 pts.) EVEN YEARS.**

Plant five rooted cuttings in the pot provided. (Each participant will be given 20 cuttings from which to select five; a 5½-to-6-inch pot; a 1:1 soil mixture at the correct moisture level; and a marking pencil.) Ten minutes will be allowed for completion of this practicum, including the judging of the potted plant cuttings.

Plant Potting Scorecard

Potting Process (52 pts.)	Possible Points
Selection of Cuttings	10
Filling Pot with Soil	4
Placing of Cuttings	6
Covering Cutting Rooted Ends	18
Labeling of Pot	9
Watering of Potted Cutting	5

Potting Product (23 pts.)	Points Possible
Depth of Planting	5
Correct Soil Level in Pot	5
Cutting Arrangement and Angle	5
Firmness of Soil	4
General Appearance (freedom from handling damage)	<u>4</u>
Total Points	75

b. Make a Dish Garden (75 pts.) – ODD YEARS

Each participant will make a \$25 dish garden. All plant materials, growing media, and containers will be provided. Houseplant baskets or color pots will be the preferred dish gardens. Twenty minutes will be allowed for each participant to make his or her dish garden and complete the itemized bill. At the beginning of the practicum, participants will be provided the retail price of plants and other materials they will use in their dish gardens by the event assistant. The markup will be built into the retail price of the plants and other materials used in the dish garden. When the participant has determined the total dish garden cost, he or she has included the markup.

Dish Garden Scorecard	Possible Points
Selection of Plant Material	8
Preparation of Plant Material	7
Use of Growing Media	10
Use of Other Materials	12
Design	15
Attractiveness	13
Pricing	<u>10</u>
Total Points	75

e. Asexual Propagation of Plants (75 pts.) EVEN YEARS

Each participant will be provided the parent plant materials and all other materials needed to propagate plants asexually. Using the available materials, participants will take five cuttings from the plant before them and stick them in rooting media. Ten minutes will be allowed for completion of this practicum including the judging of the participant's performance.

Asexual Plant Propagation Scorecard

	Possible Points
Selection of Cuttings	12
Making Cuttings	15
Preparation of Cuttings for Sticking in Growing Media	10
Use of Rooting Hormone	6
Selection of Growing Media	12
Sticking of Cuttings in Growing Media	8
Response of Questions	<u>12</u>
Total Points	75

g. Pinching Plants (75 pts.) – ODD YEARS

A plant will be placed before each participant. Participants will be given instructions as to what they are to do to the plant by the event assistant in charge of the practicum. Participants will be judged on the procedures they follow in pinching the plant. Ten minutes will be allowed for completion and judging of this practicum.

Pinching Plants Scorecard

	Possible Points
Selection of Plant Parts to Pinch	16
Use of Proper Procedures in making Pinches	20
Made Proper Hard Pinches	12
Made Proper Soft Pinches	12
Overall Effect of Making Pinches	<u>15</u>
Total Points	75

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Floriculture Plant Identification List

No.	Botanical Name/Common Name	No.	Botanical Name/Common Name
101	<i>Aechmea chantinii</i> cv. / Bromeliad	164	<i>Iris x germanica florentina</i> cv. / Flag (Bearded) Iris
102	<i>Ageratum mexicanum</i> cv.* / Ageratum	165	<i>Iris x xiphium</i> cv. / Dutch Iris
103	<i>Aglaonema commutatum</i> cv. / Aglaonema	166	<i>Justicia brandegeana</i> / Shrimp Plant
104	<i>Alstroemeria aurantiaca</i> / Peruvian Lily	167	<i>Kalanchoe x blossfeldiana</i> cv. / Kalanchoe
105	<i>Anthurium majus</i> cv. / Snapdragon	168	<i>Leucanthemum x supermum</i> . / Shasta Daisy
106	<i>Anthurium x Andraeanum</i> cv. / Anthurium, Flamingo Lily	169	<i>Liatris spicata</i> / Liatris
107	<i>Aphelandra squarrosa</i> cv. / Aphelandra, Zebra Plant	170	<i>Lilium longiflorum</i> cv. / Trumpet (Easter) Lily
108	<i>Araucaria heterophylla</i> / Norfolk Island Pine	171	<i>Lilium x hybridum</i> cv. / Hybrid (Garden) Lily
109	<i>Argyanthemum frutescens</i> /Marguerite Daisy	172	<i>Limonium sinuatum</i> / Statice
110	<i>Asparagus densiflorus</i> 'Sprengeri' / Sprengeri "Fern"	173	<i>Lobularia maritima</i> / Sweet Alyssum
111	<i>Asparagus setaceus</i> / Asparagus "Fern"	174	<i>Maranta leuconeura</i> (kerchoviana) / Prayer Plant
112	<i>Astilbe hybrid</i> cv. / Astilbe	175	<i>Matthiola incana</i> cv. / (Flowering Stock
113	<i>Begonia x tuberhybrida</i> cv. / Tuberous Begonia	176	<i>Monstera deliciosa</i> / Cutleaf "Philodendron"
114	<i>Begonia x semperflorens-cultorum</i> / Wax Begonia	177	<i>Narcissus pseudonarcissus</i> cv. / Daffodil
115	<i>Caladium x hortulanum</i> cv. / Fancy-Leaved Caladium	178	<i>Neoregelia carolinae</i> 'Tricolor' / Bromeliad
116	<i>Calceolaria crenatiflora</i> cv. Pocketbook Plant	179	<i>Nephrolepis exaltata</i> cv. / Boston Fern
117	<i>Callistephus chinensis</i> cv. / China Aster	180	<i>Opuntia</i> tribe cv. / Cactus
118	<i>Camellia japonica</i> cv. / Common Camellia	181	<i>Paeonia</i> cv. / Peony
119	<i>Canna x generalis</i> cv. / Common Garden Canna	182	<i>Paphiopedelum x hybrid</i> cv. / Lady Slipper Orchid
120	<i>Catharanthus roseus</i> / Madagascar Periwinkle	183	<i>Pelargonium x domesticum</i> cv. / Regal (Lady Washington) Geranium
121	<i>Cattleya</i> cv. / Cattleya Orchid Hybrid	184	<i>Pelargonium x hortorum</i> cv. / (Zonal) Geranium
122	<i>Celosia cristata</i> cv. / Cockscomb	185	<i>Pelargonium peltatum</i> cv. / Ivy Geranium
123	<i>Chamaedorea elegans</i> / Parlor Palm	186	<i>Peperomia argyreia</i> / Watermelon Peperomia
124	<i>Chamelaucium uncinatum</i> / Waxflower	187	<i>Peperomia caperata</i> / Emerald Ripple Peperomia
125	<i>Chlorophytum comosum</i> cv. / Spider Plant	188	<i>Peperomia obtusifolia</i> 'Variegata' / Variegated Peperomia
126	<i>Chrysanthemum x morifolium</i> cv. / Florist's Chrysanthemum	189	<i>Petunia x hybrida</i> cv. / Common Garden Petunia
127	<i>Cissus rhombifolia</i> 'mandaiana' / Grape Ivy	190	<i>Phalaenopsis</i> cv. / Phalaenopsis (Butterfly) Orchid
128	<i>Clematis Jackmanii</i> Group cv. / Clematis	191	<i>Philodendron scandens oxycardium</i> / Heartleaf Philodendron
129	<i>Codiaeum variegatum pictum</i> cv. / Croton	192	<i>Pilea cadierei</i> / Aluminum Plant
130	<i>Crassula argentea</i> / Jade Plant	193	<i>Pilea involucrata</i> / Friendship Plant
131	<i>Cyclamen x persicum</i> cv. / Florist's Cyclamen	194	<i>Pilea microphylla</i> / Artillery Plant
132	<i>Cymbidium</i> cv. / Cymbidium Orchid	195	<i>Pilea nummulariifolia</i> / Creeping Charley
133	<i>Dianthus caryophyllus</i> cv. / Carnation	196	<i>Plectranthus mummularis</i> / Swedish Ivy
134	<i>Dieffenbachia maculata</i> cv. / Spotted Dumbcane	197	<i>Polianthes tuberosa</i> / Tuberose
135	<i>Dracaena fragrans</i> 'Massangeana' / Corn Plant Dracaena	198	<i>Primula x polyanthus</i> cv. / Polyanthus (Primrose)
136	<i>Dracaena cincta</i> / Red Edge Dracaena	199	<i>Primula malacoides</i> cv. / Fairy Primrose
137	<i>Echeveria</i> cv. / Hen and Chickens	200	<i>Rhododendron</i> cv. / Azalea
138	<i>Echinocactus</i> cv. / Barrel Cactus	201	<i>Rosa hybrid</i> , Class Hybrid Tea cv. / Hybrid Tea Rose
139	<i>Epipremnum aureum</i> cv. / Golden Pothos, Devil's Ivy	202	<i>Rumohra adiantiformis</i> / Leatherleaf Fern
140	<i>Erica carnea</i> cv. / Spring Heather	203	<i>Saintpaulia ionantha</i> cv. / African Violet
141	<i>Eucalyptus polyanthemus</i> / Silver Dollar Gum	204	<i>Salvia splendens</i> cv. / Salvia
142	<i>Euphorbia milii splendens</i> / Crown-of-Thorns	205	<i>Sansevieria trifasciata</i> cv. / Snake Plant
143	<i>Euphorbia pulcherrima</i> cv. / Poinsettia	206	<i>Saxifraga stolonifera</i> / Strawberry Plant
144	<i>Exacum affine</i> / German (Persian) Violet	207	<i>Schlumberga bridgesii</i> / Christmas Cactus
145	<i>Ficus benjamina</i> 'Exotica' / Benjamin Fig	208	<i>Schlumberga truncata</i> cv. / Thanksgiving Cactus, Crab Cactus
146	<i>Ficus elastica</i> 'Decora' / 'Decora' Rubber Plant	209	<i>Senecio cineraria</i> 'Diamond' / Diamond Dusty Miller
147	<i>Ficus pumila</i> / Creeping Rubber Plant	210	<i>Senecio x hybridus</i> cv. / Florist's Cineraria
148	<i>Freesia x hybrida</i> / Freesia	211	<i>Sinningia speciosa</i> Fyfiana Group cv. / Gloxinia
149	<i>Frittonia verschaffeltii</i> / Nerve Plant	212	<i>Solanum pseudocapsicum</i> cv. / Jerusalem Cherry
150	<i>Gardenia jasminoides</i> 'Fortuniana' / Gardenia	213	<i>Solenostemon scutellarioides</i> / Coleus
151	<i>Gerbera jamesonii</i> / Transvaal Daisy	214	<i>Spathiphyllum clevelandii</i> / White Anthurium, Peace Lily
152	<i>Gladiolus x hortulanus</i> cv. / Garden Gladiolus	215	<i>Stephanotis floribunda</i> / Stephanotis
153	<i>Gynura aurantiaca</i> 'Sarmentosa' / "Purple Passion", Velvet Plant	216	<i>Sterlitzia reginae</i> / Bird of Paradise
154	<i>Gypsophila elegans</i> cv. / Baby's Breath	217	<i>Syngonium podophyllum</i> / Nephthytis
155	<i>Hedera helix</i> cv. / English Ivy	218	<i>Tagetes species</i> cv. / Marigold
156	<i>Hemerocallis</i> cv. / Daylily	219	<i>Tolmeia menziesii</i> / Pickaback Plant
157	<i>Heptapleurum arborescens</i> / Dwarf Schefflera, Dwarf Octopus	220	<i>Tulipa</i> cv. / Tulip
158	<i>Hippeastrum hybrid</i> cv. / Amaryllis	221	<i>Vaccinium ovatum</i> / Florist's "Huckleberry"
159	<i>Hosta undulata</i> / Plantain Lily	222	<i>Viola x wittrockiana</i> cv. / (Garden) Pansy
160	<i>Hoya carnosa</i> / Wax Plant	223	<i>Zebrina pendula</i> cv. / Wandering Jew
161	<i>Hyacinthus orientalis</i> cv. / Hyacinth	224	<i>Zinnia elegans</i> / Zinnia
162	<i>Hydrangea macrophylla macrophylla</i> cv. / French (Florist's) Hydrangea		
163	<i>Impatiens hybrid</i> cv. / Impatiens		

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Floriculture Plant Identification List

No.	CommonName/Botanical Name	No.	CommonName/Botanical Name
203	African Violet/ <i>Saintpaulia ionantha</i>	137	Hen and Chickens/ <i>Echeveria</i> cv
102	Ageratum/ <i>Ageratum mexicanum</i> cv.	161	Hyacinth/ <i>Hyacinthus orientalis</i> cv.
103	Aglaonema/ <i>Aglaonema commutatum</i> cv.	171	Hybrid (Garden) Lily/ <i>Lilium</i> x hybridum cv
192	Aluminum Plant/ <i>Pilea cadierei</i>	201	Hybrid Tea Rose/ <i>Rosa</i> Hybrid, Class Hybrid Tea cv
158	Amaryllis/ <i>Hippeastrum</i> hybrid cv	163	Impatiens/ <i>Impatiens</i> hybrid cv
194	Artillery Plant/ <i>Pilea microphylla</i>	185	Ivy Geranium/ <i>Pelargonium peltatum</i> cv
111	Asparagus Fern/ <i>Asparagus setaceus</i>	130	Jade Plant/ <i>Crassula argentea</i>
112	Astilbe/ <i>Astilbe</i> hybrid cv	212	Jerusalem Cherry/ <i>Solanum pseudocapsicum</i> cv
200	Azalea/ <i>Rhododendron</i>	167	Kalanchoe/ <i>Kalanchoe</i> x <i>blossfeldiana</i> cv
154	Baby's Breath/ <i>Gypsophila elegans</i> cv	182	Ladyslipper Orchid/ <i>Paphiopedelum</i> x hybrid cv
138	Barrel Cactus/ <i>Echinocactus</i> cv	202	Leatherleaf Fern/ <i>Rumohra adiantiformis</i>
145	Benjamin Fig/ <i>Ficus benjamina</i> 'Exotica'	169	Liatris/ <i>Liatris spicata</i>
216	Bird-of Paradise/ <i>Sterlitzia reginae</i>	120	Madagascar Periwinkle/ <i>Catharanthus roseus</i>
179	Boston Fern/ <i>Nephrolepis exaltata</i>	109	Marguerite Daisy/ <i>Argyranthemum frutescens</i>
101	Bromeliad/ <i>Aechmea chantinii</i> cv.	218	Marigold/ <i>Tagetes</i> Species cv
178	Bromeliad/ <i>Neoregelis caroliniae</i> 'Tricolor'	217	Nephtytis/ <i>Syngonium podophyllum</i>
180	Cactus/ <i>Opuntia</i> tribe cv	149	Nerve Plant/ <i>Frittonia verschaffeltii</i>
133	Carnation/ <i>Dianthus caryophyllus</i> cv	108	Norfolk Island Pine/ <i>Araucaria heterophylla</i>
121	Cattleya Orchid Hybrid/ <i>Cattleya</i> cv	123	Parlor Palm/ <i>Chamaedorea elegans</i>
117	China Aster/ <i>Callistephus chinensis</i> cv	181	Peony/ <i>Paeonia</i>
207	Christmas Cactus/ <i>Schlumberga bridgesii</i>	104	Peruvian Lily/ <i>Alstroemeria aurantiaca</i>
128	Clematis/ <i>Clematis jackmanii</i> group cv	190	Phalaenopsis (Butterfly) Orchid/ <i>Phalaenopsis</i> cv
122	Cockscomb/ <i>Celosia cristata</i> cv	219	Pickaback Plant/ <i>Tolmeia menziesii</i>
213	Coleus/ <i>Solenostemon scutellarioides</i>	159	Plantain Lily/ <i>Hosta undulata</i>
118	Common Camellia/ <i>Camellia japonica</i> cv.	116	Pocketbook Plant/ <i>Calceolaria crenatiflora</i> cv.
119	Common Garden Canna/ <i>Canna</i> x <i>generalis</i> cv	143	Poinsettia/ <i>Euphorbia pulcherrima</i> cv
189	Common Garden Petunia/ <i>Petunia</i> x <i>hybrida</i> cv	174	Prayer Plant/ <i>Maranta leuconeura kerchoviana</i>
135	Corn Plant <i>Dracaena</i> / <i>Dracaena fragrans</i> 'Massangeana'	198	Primrose/ <i>Primula</i> x <i>polyanthus</i> cv
195	Creeping Charley/ <i>Pilea nummularifolia</i>	153	Purple Passion, Velvet Plant/ <i>Gynura aurantiaca</i> 'Sarmentosa'
147	Creeping Rubber Plant/ <i>Ficus pumila</i>	136	Red Edge <i>Dracaena</i> / <i>Dracaena cincta</i>
129	Croton/ <i>Codiaeum variegatum pictum</i> cv	183	Regal (Lady Washington) <i>Geranium</i> / <i>Palargonium</i> x <i>domesticum</i>
142	Crown-of-Thorns/ <i>Euphorbia milii splendens</i>	204	Salvia/ <i>Salvia splendens</i> cv
176	Cutleaf Philodendron/ <i>Monstera deliciosa</i>	168	Shasta Daisy/ <i>Leucanthemum</i> x <i>superbum</i> cv..
132	Cymbidium Orchid/ <i>Cymbidium</i> cv	166	Shrimp Plant/ <i>Justicia brandegeana</i>
177	Daffodil/ <i>Narcissus pseudonarcissus</i> cv	141	Silver Dollar Gum/ <i>Eucalyptus</i> <i>Polyanthemos</i>
156	Daylily/ <i>Hemerocallis</i> cv	205	Snake Plant/ <i>Sanseveria trifasciata</i>
146	Decora' Rubber Plant/ <i>Ficus elastica</i> 'Decora'	105	Snapdragon/ <i>Anthirrhinum majus</i> cv.
209	Diamond Dusty Miller/ <i>Senecio cineraria</i> 'Diamond'	125	Spider Plant/ <i>Chlorophytum comosum</i> cv.
165	Dutch Iris/ <i>Iris</i> x <i>xiphium</i> cv	134	Spotted Dumbcane/ <i>Dieffenbachia maculata</i> cv
157	Dwarf Schefflera, Dwarf Octopus Tree/ <i>Heptapleurum arbicola</i>	110	Sprengri fern/ <i>Asparagus densiflorus</i>
187	Emerald Ripple <i>Peperomia</i> / <i>Peperomia caperata</i>	140	Spring Heather/ <i>Erica carnea</i> cv
155	English Ivy/ <i>Hedera helix</i> cv	172	Statice/ <i>Limonium sinuatum</i>
199	Fairy Primrose/ <i>Primula malacoides</i> cv	215	Stephanotis/ <i>Stephanotis floribunda</i>
115	Fancy-Leaved Caladium/ <i>Caladium</i> x <i>horulanum</i> cv	206	Strawberry Plant/ <i>Saxifraga stolonifera</i>
164	Flag Bearded Iris/ <i>Iris</i> x <i>germanica florentina</i> cv	196	Swedish Ivy/ <i>Plectranthus mummularis</i>
106	Flamingo Lily/ <i>Anthurium</i> x <i>Andraeanum</i> cv	173	Sweet Alyssum/ <i>Lobularia maritima</i>
126	Florist's Chrysanthemum/ <i>Chrysanthemum</i> x <i>morifolium</i> cv	208	Thanksgiving Cactus, Crab Cactus/ <i>Schlumberga truncata</i> cv
210	Florist's Cineraria/ <i>Senecio</i> x <i>hybridus</i> cv	151	Transvaal Daisy/ <i>Gerbera jamesonii</i>
131	Florist's Cyclamen/ <i>Cyclamen persicum</i> cv	170	Trumpet (Easter) Lily/ <i>Lilium longiflorum</i>
221	Florist's Huckleberry/ <i>Vaccinium ovatum</i>	197	Tuberose/ <i>Polianthes tuberosa</i>
175	Flowering Stock/ <i>Matthiola incana</i> cv	113	Tuberous Begonia/ <i>Begonia</i> x <i>tuberhybrida</i> cv
148	Freesia/ <i>Freesia</i> x <i>hybrida</i>	220	Tulip/ <i>Tulipa</i> cv
162	French (Florist's) <i>Hydrangea</i> / <i>Hydrangea macrophylla</i> cv	188	Variegated <i>Peperomia</i> / <i>Peperomia obtusifolia</i> 'Variegata'
193	Friendship Plant/ <i>Pilea involucreta</i>	223	Wandering Jew/ <i>Zebrina pendula</i> cv
152	Garden Gladiolus/ <i>Gladiolus</i> x <i>horulanus</i> cv	186	Watermelon <i>Peperomia</i> / <i>Peperomia argyreia</i>
222	Garden Pansy/ <i>Viola</i> x <i>wittrockiana</i> cv	114	Wax Begonia/ <i>Begonia</i> x <i>semperflorens-cultorum</i>
150	Gardenia/ <i>Gardenia jasminoides</i> 'Fortuniana'	160	Wax Plant/ <i>Hoya carnosia</i>
144	German (persian) Violet/ <i>Exacum affine</i>	124	Waxflower/ <i>Chamelaucium uncinatum</i>
211	Gloxinia/ <i>Sinningia speciosa</i> <i>fyfiana</i> group cv	214	White Anthurium, Peace Lily/ <i>Spathiphyllum clevelandii</i>
139	Golden Pothos, Devil's Ivy/ <i>Epipremnum aureum</i> cv	107	Zebra plant/ <i>Aphelandra squarrosa</i> cv.
127	Grape Ivy/ <i>Cissus rhombifolia</i> <i>mandaiana</i>	224	Zinnia/ <i>Zinnia elegans</i>
191	Heartleaf Philodendron/ <i>Philodendron scandens oxycardium</i>	184	Zonal Geranium/ <i>Pelargonium</i> x <i>hortorum</i> cv

Floriculture Equipment List

001 Boutonniere Pin
003 Corsage Stem
005 Glue Gun
007 Knife sharpener
009 Pruner
011 Rose Stripper
013 Styrofoam Cutter
015 Waterproof Tape
017 Wristlet

002 Corsage Pin
004 Corsage Tape
006 Glue Pan
008 Paddle Wire
010 Ribbon Scissor
012 Steel Pick Machine
014 Under Water cutter
016 Wire cutters

Equipment Identification

Place the correct equipment material number from above next to the sample number below.

1. _____

6. _____

2. _____

7. _____

3. _____

8. _____

4. _____

9. _____

5. _____

10. _____

FLORICULTURE CAREER DEVELOPMENT EVENT SCORECARDS

For Idaho State Career Development Events, the included scantron cards will be used unless otherwise indicated. Additional cards provided are included for study purposes and use at local and district events.

FLORICULTURE CDE PLANT IDENTIFICATION SCORECARD

PARTICIPANT NUMBER _____

Directions: Identify plant specimens by matching the correct plant number from list provided to the sample spaces below. Bubble the correct sample identification number next to the correct number on the official scorecard.

- | | |
|-----------|-----------|
| 1. _____ | 21. _____ |
| 2. _____ | 22. _____ |
| 3. _____ | 23. _____ |
| 4. _____ | 24. _____ |
| 5. _____ | 25. _____ |
| 6. _____ | 26. _____ |
| 7. _____ | 27. _____ |
| 8. _____ | 28. _____ |
| 9. _____ | 29. _____ |
| 10. _____ | 30. _____ |
| 11. _____ | 31. _____ |
| 12. _____ | 32. _____ |
| 13. _____ | 33. _____ |
| 14. _____ | 34. _____ |
| 15. _____ | 35. _____ |
| 16. _____ | 36. _____ |
| 17. _____ | 37. _____ |
| 18. _____ | 38. _____ |
| 19. _____ | 39. _____ |
| 20. _____ | 40. _____ |

SCORING DIRECTIONS:

Each plant identification is worth 5 points. Deduct the total incorrect from 200 points possible and record the final score at the bottom of the card.

SCORE: _____

Participant Number _____

Participant Name _____

FLORAL ARRANGEMENT PRACTICUM SCORECARD

	Possible Points	Participant Points
Arrangement (65 points)		
Design	35	_____
Balance	15	_____
Functionality	5	_____
Judges Choice	10	_____
Itemized Bill (35 points)		
Price Range	11	_____
Accuracy	10	_____
Completeness	7	_____
Neatness	7	_____
Total Points	100	_____

Participant Number _____

Participant Name _____

FLORAL ARRANGEMENT ITEMIZED BILL

Flowers	Quantity Used	Unit Cost	Total
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Total Flower Cost _____

Foliage	Quantity Used	Unit Cost	Total
_____	_____	_____	_____
_____	_____	_____	_____

Total Foliage Cost _____

Total Flower Cost _____

Total Foliage Cost _____

Hydro-foam _____

Container Cost _____

Total Arrangement Cost * _____

Participants will be provided the RETAIL price of the flowers and foliage that they will use in their arrangements by the event assistant at the beginning of the practicum. The MARKUP will be built into the retail price of the flowers and foliage used in the arrangement. When the participant has determined the total arrangement cost, he or she has included the markup. Retail cost of flowers and foliage given to the participant will be determined after polling florists to determine their current retail prices on the flowers and foliage used in the event.

Participant Number _____

Participant Name _____

PLANT POTTING SCORECARD
EVEN YEARS

	Possible Points	Participant Points
Potting Process (52 points)		
Selection of Cuttings	10	_____
Filling Pot with Soil	4	_____
Placing of Cuttings	6	_____
Covering Cutting Rooted Ends	18	_____
Labeling of Pot	9	_____
Watering of Potted Cutting	5	_____
Potting Product (23 points)		
Depth of Planting	5	_____
Correct Soil Level in Pot	5	_____
Cutting Arrangement and Angle	5	_____
Firmness of Soil	4	_____
General Appearance (freedom from handling damage)	4	_____
Total Points	75	_____

Participant Number _____

Participant Name _____

DISH GARDEN SCORECARD

ODD YEARS

	Possible Points	Participant Points
Selection of Plant Material	8	_____
Preparation of Plant Material	7	_____
Use of Growing Media	10	_____
Use of Other Materials	12	_____
Design	15	_____
Attractiveness	13	_____
Pricing	10	_____
Total Points	75	_____

Participant Number _____

Participant Name _____

CORSAGE PRACTICUM SCORECARD

ANNUAL

	Possible Points	Participant Points
Wiring and Taping	12	_____
Use of Ribbon	15	_____
Design	15	_____
Wearability	14	_____
Packaging	7	_____
Pricing	12	_____
Total Points	75	_____

Participant Number _____

Participant Name _____

ASEXUAL PLANT PROPAGATION PRACTICUM SCORECARD
EVEN YEARS

	Possible Points	Participant Points
Selection of cuttings	12	_____
Making cuttings	15	_____
Preparation of cuttings for sticking in growing media	10	_____
Use of rooting hormone	6	_____
Selection of growing media	12	_____
Sticking of cuttings in growing media	8	_____
Response of questions	12	_____
Total Points	75	_____

(PINCHING PLANTS SCORECARD

ODD YEARS

Possible Points

Participant Points

Selection of Plant Parts to Pinch

16

Use of Proper Procedures in
Making Pinches

20

Made Proper Hard Pinches

12

Made Proper Soft Pinches

12

Overall Effect of Making Pinches

15

Total Points

75

Participant Number _____

Participant Name _____

DISH GARDEN ITEMIZED BILL

ODD YEARS

Plant	Quantity Used	Unit Cost	Total
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Total Plant Cost _____

Accessory	Quantity Used	Unit Cost	Total
_____	_____	_____	_____
_____	_____	_____	_____

Total Accessory Cost _____

Total Plant Cost _____

Total Accessory Cost _____

Container Cost _____

Total Arrangement Cost * _____

Participants will be provided the RETAIL price of the materials that they will use in their arrangements by the event assistant at the beginning of the practicum. The MARKUP will be built into the retail price of the materials used in the arrangement. When the participant has determined the total arrangement cost, he or she has included the markup. Retail cost of materials given to the participant will be determined after polling florists to determine their current retail prices on the materials used in the event.

Participant Number _____

Participant Name _____

CORSAGE ITEMIZED BILL

Live Materials	Quantity Used	Unit Cost	Total
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Total Live Cost _____

Hard Materials	Quantity Used	Unit Cost	Total
_____	_____	_____	_____
-	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Total Hard Cost _____

Total Live Cost _____

Total Hard Cost _____

Total Arrangement Cost * _____

Participants will be provided the RETAIL price of the live and hard goods that they will use in their arrangements by the event assistant at the beginning of the practicum. The MARKUP will be built into the retail price of the live and hard goods used in the arrangement. When the participant has determined the total arrangement cost, he or she has included the markup. Retail cost of flowers live and hard goods given to the participant will be determined after polling florists to determine their current retail prices on the live and hard goods used in the event.

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