


Floriculture

		
Maximum Number of Team Members	4	
Number of Team Members Scored	4	
Scantron	Multi Purpose B – Form Number - 228576	
Committee: Leon Ammons Danny Cummings Kelsey Flinn Lisa Moreland Mary Phillips John Workman		

An \$40 fee will be assessed per team to cover supplies required for the contest. This is in addition to the traditional fee assessed to cover Scantron supplies.

Purpose of the Contest

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

Objectives of the Contest

1. Identify floriculture, vegetables and bedding plant materials.
2. Identify and treat unhealthy plants due to pest, nutritional, mechanical or chemical injury.
3. Understand the biological and scientific principles and develop the skills underlying propagation, growth requirements, growing techniques, harvesting, marketing and maintenance of established floriculture and vegetable plants.
4. Understand principles and develop skills of floral design.
5. Identify and select appropriate supplies and equipment for flower shop and greenhouse.
6. Understand and demonstrate the use of safety procedures and practices in floriculture operations.
7. Operate and maintain appropriate equipment for floriculture operations.
8. Understand and demonstrate interpersonal skills prerequisite to successful employment in floriculture industry.
9. Understand and demonstrate proper sales and service skills.
10. Maintain records and proper reports that are accurate and legible.

Contest Rules and Procedures

1. The contest will have four phases: Identification of plant materials, general knowledge examination, problem-solving, and practicums.
2. Under no circumstances will any contestant be allowed to touch or handle plant material during the contest except during the practicums.

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3. Observers will not be permitted in the contest area while that contest is in progress.
4. Any communications between contestants from the same team during the contest will be sufficient cause to eliminate the team from the contest.
5. To facilitate the holding of scantron score sheets during the contest, all contestants must also bring their own pencils and clipboard (a minimum of two No. 2 pencils).

Phase 1 - IDENTIFICATION OF PLANT MATERIALS (200 points)

Fifty specimens from the floriculture plant and equipment identification list will be displayed for participants to identify by technical and common names. A number will designate each specimen. Four 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.

Phase 2 - GENERAL KNOWLEDGE EXAMINATION (200 points)

Participants will answer 50 multiple choice questions that cover all areas of the floriculture industry as 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 four points.

Test questions will come from the past ten years of the National Floriculture CDE Tests. Each year the latest test will be added and the oldest test removed from the question pool.

Phase 3 - PROBLEM-SOLVING/DECISION-MAKING (200 points)

Each participant will solve ten problems related to the various aspects of the floriculture industry identified in the event objectives. Each problem will describe the situation or create the problem and list four possible solutions to the problem. The participant must decide on the best possible solution to the problem. All materials and information necessary to solve the problem will be available to the participant as he/she solves the problem. Each participant will be allowed 50 minutes to complete this phase of the event. Each correct solution has a value of 20 points.

Phase 4 – Annual PRACTICUM (300 POINTS)

Each participant will complete three annual practicums:

1. Floral arrangement
2. Job interview
3. Growing procedures

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FLORAL ARRANGEMENT (100 POINTS)

Make a \$55 floral arrangement (The \$55 cost will include both labor and tax and be within fifty cents either way of the \$55). The event superintendent will announce the type of arrangement during the team orientation meeting. Using the materials provided, participants will be allowed 20 minutes to complete their arrangements and itemized bills. The event assistant at the beginning of the practicum will provide participants the retail price of the flowers and foliage that they will use in their arrangements. The markup will be built into the retail price. 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. Scoring criteria are presented on the floral arrangement practicum scorecard which will be recorded by a judge.

Explanation of Floral Arrangement Terms

- Design: 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

JOB INTERVIEW (100 POINTS)

Each participant will appear before an employer (judge) for the purpose of interviewing for a position available in the employer's business. The event superintendent will announce specific information about the job for which the participant is applying at the team orientation meeting. Participants will be given two job descriptions at the team orientation meeting along with application forms to complete. Participants will be allowed to choose the job they wish to interview for and prepare their applications prior to participating in the practicum. Participants will be expected to prepare, prior to the event, a résumé of their experiences and background to present to the judge at the time of the interview. Ten minutes will be allowed for this practicum. Participants will be allowed five minutes to complete the interview and five minutes for judges to score the interview. Scoring criteria are presented on the job interview practicum scorecard which will be recorded by a judge.

GROWING PROCEDURES (100 POINTS)

One or more of the three below will be demonstrated on an annual basis. Twenty minutes will be allowed for this section including questions from the judges.

Potting of Young Plants (Plugs or Liners)

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- Participants will be asked to plant young plants in the pots provided. Each participant will be given a group of young plants from which to select their transplants from; an appropriate pot or pots; potting medium at the correct moisture level, ID stake and a marking pencil.
- Scoring criteria are presented on the plant potting practicum scorecard which will be recorded by a judge.

Asexual Propagation of Plants

- 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 cuttings from the plant before them and stick them in rooting media labeled correctly. Participants should sanitize all equipment and use appropriately in a safe manner.
- Scoring criteria are presented on the asexual plant propagation scorecard which will be recorded by a judge.

Pinching Plants

- A plant will be placed before each participant. The participant 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.
- Scoring criteria are presented on the pinching plant scorecard which will be recorded by a judge.

Phase 5 - Rotating Practicum (75 points)

In addition to the three annual practicums, three practicums will be selected from the list below for each noted year. The three to be used will be identified by the event superintendent in the annual team orientation packet that is available during the summer prior to convention on the CDE webpage.

SELLING PRACTICUM (75 POINTS) (ONE WILL BE CHOSEN)

Selling One-On-One

- Each participant will assume the role of a sales person in a floriculture business (grower, florist shop, garden center, etc.) A customer (judge) with a specific need will approach the participant. The participant will help the customer meet his/her need by using sales skills. All supplies, information and the business setting in which the participant works will be provided. Ten minutes will be allowed for this practicum. Of the ten minutes, participants will be allowed five minutes for dialogue with the customer and completion of the sales form. Judges will be allowed five minutes to score the participant. Scoring criteria are presented on the selling one-on-one practicum scorecard which will be recorded by a judge.

MEDIA SELLING (75 POINTS)

Each participant will be asked to create or evaluate advertising from the following:

- Newspaper/catalog ad
- Radio script
- Newsletter
- Brochure/flyer
- Email
- Social media
- Facebook
- Twitter
- Video – YouTube
- Web homepage

All information and materials needed to develop the advertisement will be provided. Twenty minutes will be allowed for this practicum. Of the 20 minutes, 12 minutes will be allotted for preparation, five minutes for oral/written presentation and three for judges to score. Scoring criteria are presented on the media selling practicum which will be recorded by a judge.

MAKE A MIXED PLANTER COMBINATION (75 POINTS)

Each participant will make a \$35 mixed planter combination. All plant materials, growing media and containers will be provided. Twenty minutes will be allowed for each participant to make their mixed planter combination and complete the itemized listing of costs. At the beginning of the practicum, the participant will be provided with the retail price of plants and other materials to be used in their mixed planter combination. The markup is built into the retail price.

Scoring criteria are presented on the making a mixed planter combination practicum scorecard which will be recorded by a judge.

MAKE AND PACKAGE A CORSAGE (75 POINTS)

Each participant will make and package a \$25 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 non-plant materials needed to construct and package the corsage will be provided. Each participant will be allowed 20 minutes to complete the construction of the corsage and complete an itemized listing of costs for the corsage constructed. Scoring criteria are presented on the making and packing a corsage scorecard which will be recorded by a judge.

IDENTIFYING AND CONTROLLING PLANT DISORDERS (75 POINTS)

Pest and disorder items may be presented as an intact specimen, photograph or preserved specimen (herbarium sheet, insect mount, etc.). Each specimen will be designated by a station number. The participant must identify the item and its classification (nutritional/ environmental,

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insect/ pest, or disease). The participant then must determine the damage location as well as chemical and culture controls for the disorder. Each participant will identify 15 specimens total for this event. No specimens or items may be touched or handled in any way. Fifteen minutes will be allowed for this event. Refer to the Disorder Practicum Scorecard for additional details.

The plant disorders will come from the following list of disorders.

Nutritional and Environmental Disorders

- Cold temperature (freeze)
- Cold water damage
- Ethylene damage
- Insufficient water damage
- Iron deficiency
- Nitrogen deficiency
- Phosphorus deficiency

Diseases

- Botrytis – Gray mold
- Damping-off
- Downy mildew
- Leaf spot (Black)
- Powdery mildew
- Root rot
- Rust
- Stem rot
- Tospovirus (INSV and TSWV)

Insects and Pests

- Aphids
- Fungus gnats
- Leaf miner
- Leafhopper
- Mealybugs
- Scale
- Shore flies
- Snails/ Slugs
- Spider mites
- Thrips
- Whiteflies

HANDLING A HAZARDOUS SITUATION (75 POINTS)

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Each participant will be presented with a hazardous situation that could develop in a floriculture business. The participant will be asked to explain how to resolve the problem. The participant will be evaluated on their understanding of the problem and procedures and practices followed in resolving the problem. Ten minutes will be allowed for this practicum.

Scoring criteria are presented on the hazardous situation scorecard which will be recorded by a judge.

Scoring

PHASE	Individual Points	Team Points
Identification of Plant Material and Equipment	200	800
General Knowledge	200	800
Problem Solving	200	800
Annual Practicums	300	120
Rotational Practicums	225	900
Total	1125	4500

TIEBREAKERS

If ties occur the following events will be used in order to determine award recipients:

1. Written Exam
2. Plant and Equipment Identification
3. Floral Arrangement Practicum
4. Growing Procedures

WV Floriculture Plant Identification List

101	Aechmea fasciata cv.	<i>Silver Vase Bromeliad</i>	144	Euphorbia pulcherrima cv.	<i>Poinsettia</i>
102	Ageratum houstonianum	<i>Ageratum</i>	145	Eustoma grandiflorum	<i>Lisianthus</i>
103	Alstroemeria hybrid cv.	<i>Peruvian Lily</i>	146	Exacum affine	<i>Persian Violet</i>
104	Anemone coronaria	<i>Anemone</i>	147	Ficus benjamina cv	<i>Benjamin Fig</i>
105	Anethum graveolens cv.	<i>Dill</i>	148	Ficus elastica cv	<i>Rubber Plant</i>
106	Angelonia hybrid cv.	<i>Angelonia</i>	149	Fragaria x ananassa cv.	<i>Strawberry Plant</i>
107	Anthurium x andraeanum cv.	<i>Flamingo Plant</i>	150	Freesia x hybrida	<i>Freesia</i>
108	Antirrhinum majus cv.	<i>Snapdragon</i>	151	Gardenia jasminoides	<i>Gardenia</i>
109	Aphelandra squarrosa cv.	<i>Zebra Plant</i>	152	Gerbera jamesonii	<i>Gerbera Daisy</i>
110	Araucaria heterophylla	<i>Norfolk Island Pine</i>	153	Gladiolus x hortulanus cv.	<i>Garden Gladiolus</i>
111	Asparagus densiflorus	<i>Sprengeri Fern</i>	154	Gomphrena hybrid cv.	<i>Globe Amaranths</i>
112	Aster Pringlei	<i>Monte Cassino Aster</i>	155	Gypsophila elegans cv.	<i>Baby's Breath</i>
113	Astilbe hybrid cv.	<i>Astilbe</i>	156	Hedera helix cv.	<i>English Ivy</i>
114	Begonia x semperflorens –cultorum	<i>Wax Begonia</i>	157	Helianthus annuus	<i>Sunflower</i>
115	Begonia x tuberhybrida cv.	<i>Tuberous Begonia</i>	158	Hemerocallis cv.	<i>Daylily</i>
116	Caladium x hortulanum cv.	<i>Caladium</i>	159	Hippeastrum hybrid cv.	<i>Amaryllis</i>
117	Calibrachoa hybrid cv.	<i>Million Bells</i>	160	Hosta cv.	<i>Hosta</i>
118	Callistephus chinensis cv.	<i>China Aster</i>	161	Hoya carnosa	<i>Wax Plant</i>
119	Campanula hybrid cv.	<i>Campanula</i>	162	Hyacinthus orientalis cv.	<i>Hyacinth</i>
120	Canna x generalis cv.	<i>Garden Canna</i>	163	Hydrangea macrophylla	<i>Big Leaf Hydrangea</i>
121	Capsicum annum	<i>Ornamental Pepper Plant</i>	164	Impatiens hybrid cv.	<i>Impatiens</i>
122	Catharanthus roseus	<i>Periwinkle</i>	165	Impomoea batatas cv.	<i>Ornamental Sweet Potato</i>
123	Celosia argentea cv.	<i>Cockscomb</i>	166	Iris x xiphium cv.	<i>Dutch Iris</i>
124	Chamaedorea elegans	<i>Parlor Palm</i>	167	Senecio cineraria	<i>Dusty Miller</i>
125	Chamelaucium uncinatum	<i>Waxflower</i>	168	Justica brandegeana	<i>Shrimp Plant</i>
126	Cholorophytum comosum cv.	<i>Spider Plant</i>	169	Kalanchoe x blossfeldiana cv.	<i>Kalanchoe</i>
127	Chrysanthemum x morifolium	<i>Florist's Chrysanthemum</i>	170	Leucanthemum x superbum	<i>Shasta Daisy</i>
128	Clematis hybrid cv.	<i>Clematis</i>	171	Leucospermum hybrid cv.	<i>Pin Cushion Protea</i>
129	Codiaeum variegatum pictum	<i>Croton</i>	172	Liatris spicata	<i>liatris</i>
130	Crassula argentea	<i>Jade Plant</i>	173	Lilium hybrid cv.	<i>Asiatic or Oriental Lily</i>
131	Cycas Revoluta cv.	<i>Sago Palm</i>	174	Limonium sinuatum	<i>Statice</i>
132	Cyclamen x persicum cv.	<i>Florist's Cyclamen</i>	175	Lobularia maritima	<i>Alyssum</i>
133	Cymbidium cv.	<i>Cymbidium Orchid</i>	176	Maranta leuconeura 'Kerchoviana'	<i>Prayer Plant</i>
134	Cymbopogon cv.	<i>Lemongrass (herb)</i>	177	Matthiola incana cv.	<i>Stock</i>
135	Dahlia hybrid cv.	<i>Dahlia</i>	178	Monstera deliciosa	<i>Split Leaf Philodendron</i>
136	Delphinium consolida cv.	<i>Larkspur</i>	179	Narcissus hybrid cv.	<i>Daffodil or Narcissus</i>
137	Dendrobium cv.	<i>Dendrobium Orchid</i>	180	Nephrolepis exaltata cv.	<i>Boston Fern</i>
138	Dianthus caryophyllus cv.	<i>Carnation</i>	181	Ocimum basilicum cv.	<i>Basil</i>
139	Dracaena cincta	<i>Red Edge Dracaena</i>	182	Opuntia cv.	<i>Cactus</i>
140	Echinocactus cv.	<i>Barrel Cactus</i>	183	Paeonia cv.	<i>Peony</i>
141	Epipremnum aureum cv.	<i>Golden Pothos</i>	184	Paphiopedilum x hybrid cv.	<i>Ladyslipper Orchid</i>
142	Erica carnea cv.	<i>Spring Heather</i>	185	Pelargonium x hortorum cv.	<i>Zonal Geranium</i>
143	Eucalyptus polyanthemus	<i>Silver Dollar Eucalyptus</i>	186	Pelargonium peltatum cv.	<i>Ivy Geranium</i>

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187	Pentas hybrid cv.	<i>Pentas</i>
188	Petroselinum crispum cv.	<i>Parsley</i>
189	Petunia x hybrida cv.	<i>Petunia</i>
190	Phalaenopsis cv.	<i>Moth Orchid</i>
191	Philodendron scandens oxycardium	<i>Heartleaf Philodendron</i>
192	Pilea cadierei	<i>Aluminum Plant</i>
193	Portulaca oleracea cv.	<i>Portulaca</i>
194	Primula malacoides cv.	<i>Primrose</i>
195	Ranunculus hybrid cv.	<i>Ranunculus</i>
196	Rhododendron simsii cv.	<i>Florist Azalea</i>
197	Rosa hybrid cv	<i>Hybrid Tea Rose</i>
198	Rumohra adiantiformis	<i>Leatherleaf Fern</i>
199	Saintpaulia ionantha cv.	<i>African Violet</i>
200	Salvia splendens cv.	<i>Salvia</i>
201	Sansevieria trifasciata cv.	<i>Snake Plant</i>
202	Schefflera arboricola	<i>Octopus Plant</i>
203	Schlumbergera bridgesii	<i>Christmas Cactus</i>
204	Sempervivum hybrid cv.	<i>Hens and Chicks</i>
205	Senecio x hybridus cv.	<i>Cineraria</i>
206	Sinningia speciosa Fyiana Group cv.	<i>Florist Gloxinia</i>
207	Solidago hybrid cv	<i>Solidago</i>
208	Solenostemon scutellarioides	<i>Coleus</i>
209	Spathiphyllum clevelandii	<i>Peace Lily</i>
210	Stephanotis floribunda	<i>Stephanotis</i>
211	Strelitzia reginae	<i>Bird of Paradise</i>
212	Syngonium podophyllum	<i>Nephtytis</i>
213	Tagetes species cv.	<i>Marigold</i>
214	Tulipa cv.	<i>Tulip</i>
215	Verbena hybrid cv.	<i>Verbena</i>
216	Vinca hydrid cv.	<i>Vinca</i>
217	Viola x wittrockiana cv.	<i>Pansy</i>
218	Zantedeschia hybrid cv.	<i>Calla Lily</i>
219	Zebrina pendulum cv.	<i>Wandering Jew</i>
220	Zinnia cv.	<i>Zinnia</i>

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Floriculture equipment and supply identification list

301 Anvil-and-blade pruner	334 Hanging basket	367 Propagation mat
302 18 Gauge floral wire	335 Hearing protection	368 Wire cutter
303 28 Gauge floral wire	336 Glue pan	369 PVC (polyvinylchloride) pipe
304 #3 Ribbon (satin, sheer, wired)	337 Glue sticks	370 Wooden pick
305 #9 Ribbon (satin, sheer, wired)	338 Hook-and-blade pruners (bypass pruners)	371 Resin-coated fertilizer
306 #40 Ribbon (satin, sheer, wired)	339 Hose punch	372 Respirator
307 #100 Ribbon (satin, sheer, wired)	340 Hose repair coupling	373 Wrist corsage holder
308 Floral adhesive	341 Hose-end repair fitting	374 PVC pipe cutter
309 Coconut coir	342 Hose-end sprayer	375 Greenhouse thermostat
310 Bulb planter	343 Hose-end washer	376 Safety goggles
311 Bouquet sleeve	344 Impulse sprinkler	377 Sand
312 Cell pack containers	345 Irrigation timer	378 Scoop shovel
313 Cardette	346 Irrigation tape	379 Shade fabric
314 Ceramic container	347 Sphagetti tubing (1/4" diameter or less)	380 Sharpening stone
315 Compressed air sprayer	348 Nosegay holder	381 Siphon proportioner
316 Chenille stem	349 Ribbon shears	382 Chemical resistant gloves
317 Drip emitter, irrigation	350 Sheet moss	383 Soil moisture meter
318 Dust mask	351 Mist nozzle (mist bed)	384 Goggles
319 Duster	352 Spanish moss	385 Solenoid valve
320 Corsage box	353 Nursery container	386 Pest strips
321 Corsage pin	354 Oscillating sprinkler	387 Propagation trays
322 Corsage snips	355 Peat moss	388 Sphagnum moss
323 Dry foam	356 Peat pots	389 Spray suit
324 Enclosure card	357 Ph testing meter	390 Square point (flat) shovel
325 Fern greenning pins	358 Fogger	391 Rock wool growing cells
326 Floral foam	359 Styrofoam	392 Fertilizer injectors
327 Gas mask	360 Surestik cling	393 Elle pot
328 Floral knife	361 Polyethylene film	394 rice hulls
329 Floral preservative	362 Polyethylene pipe	395 Pot covers
330 Granular fertilizer	363 Tulle	396 Rose and stem flower stripper
331 Floral stem tape	364 Water picks	397 Backflow preventer
332 Glass vase	365 Water tubes	398 Vermiculite
333 Glue gun	366 Waterproof container tape	399 Water breaker
		400 Water soluble fertilizer



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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	
Itemized List of Costs	15			
Price Range	4-5 points	2-3 points	0-1 points	
Identification and Accuracy	7-10 points	4-6 points	0-3 points	
TOTAL POSSIBLE:				100

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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Floral Arrangement Itemized List of Costs

NAME _____ MEMBER NUMBER _____

CHAPTER _____ STATE _____ TEAM NUMBER _____

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

Quantity	MATERIAL USED	Unit Cost	Total
TOTAL HARD GOODS COST			

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.



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Job Interview Practicum Rubric

100 points

NAME _____ MEMBER NUMBER _____

CHAPTER _____ STATE _____ TEAM NUMBER _____

		Excellent	Good	Needs Improvement	Member Score
Introduction					
<ul style="list-style-type: none"> Initial presentation Eye contact Handshake 	<ul style="list-style-type: none"> Gives name States why here 	8-10 points	4-7 points	0-3 points	
Knowledge of job					
<ul style="list-style-type: none"> Resume <ul style="list-style-type: none"> Typed Completeness Content/Accurate 		11-15 points	6-10 points	0-5 points	
<ul style="list-style-type: none"> Application <ul style="list-style-type: none"> Legibility Completed 		8-10 points	4-7 points	0-3 points	
Knowledge of the floriculture industry/job					
<ul style="list-style-type: none"> Tell me about yourself What skills do you have for this job? What are your experiences relating to this job? 	<ul style="list-style-type: none"> Why should I hire you over someone else? How would you handle a customer complaint 	13-20 points	7-12 points	0-6 points	
Response to questions					
<ul style="list-style-type: none"> What are your weaknesses? Where do you see yourself in the next 5 years? 	<ul style="list-style-type: none"> BONUS: Would you hire this person? 	11-15 points	6-10 points	0-5 points	
Personality					
<ul style="list-style-type: none"> Confidence Enthusiasm 	<ul style="list-style-type: none"> Appearance 	11-15 points	6-10 points	0-5 points	
Poise					
<ul style="list-style-type: none"> Posture Closure ("Thank you.") 	<ul style="list-style-type: none"> Asks for the job or a decision date 	11-15 points	6-10 points	0-5 points	
TOTAL SCORE: 100					

JUDGE'S NAME _____

JUDGE'S SIGNATURE _____

DATE _____



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One-on-One Practicum Rubric

75 points

NAME _____ MEMBER NUMBER _____

CHAPTER _____ STATE _____ TEAM NUMBER _____

	Excellent	Good	Needs Improvement	Member Score
Took Initiative	9-11 points	5-8 points	0-4 points	
Communicated Effectively	9-11 points	5-8 points	0-4 points	
Exhibited ambition and efficiency	9-11 points	5-8 points	0-4 points	
Diplomatic and courteous	9-11 points	5-8 points	0-4 points	
Knew merchandise, prices and policies	9-11 points	5-8 points	0-4 points	
Accuracy of information collected	9-11 points	5-8 points	0-4 points	
Closed sale properly	7-9 points	4-6 points	0-3 points	
TOTAL SCORE: 75				

JUDGE'S NAME _____ JUDGE'S SIGNATURE _____ DATE _____



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Potting of Young Plants Practicum Rubric

50 points

NAME _____ MEMBER NUMBER _____

CHAPTER _____ STATE _____ TEAM NUMBER _____

	Excellent	Good	Needs Improvement	Member Score
Potting Process				
Selection of plugs or liners	5-6 points	3-4 points	0-2 points	
Proper planting depth	6-8 points	3-6 points	0-2 points	
Labeling of plant/pot	5-6 points	3-4 points	0-2 points	
Correct growing medium level in pot	5-6 points	3-4 points	0-2 points	
Plug or liner arrangement and angle	5-6 points	3-4 points	0-2 points	
Firmness of growing medium	5-6 points	3-4 points	0-2 points	
General appearance (free from handling damage)	5-6 points	3-4 points	0-2 points	
Response to questions	5-6 points	3-4 points	0-2 points	
Total Possible:				50

JUDGE'S NAME _____ JUDGE'S SIGNATURE _____ DATE _____



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Floriculture Making a Mixed Combination Planter Rubric

75 points

NAME _____ MEMBER NUMBER _____

CHAPTER _____ STATE _____ TEAM NUMBER _____

	Excellent	Good	Needs Improvement	Member Score
Selection of products	6-8 points	3-5 points	0-2 points	
Preparation of plant materials	6-7 points	3-5 points	0-2 points	
Labeling of combo	7-10 points	4-6 points	0-3 points	
Balance	9-12 points	5-8 points	0-4 points	
Design	11-15 points	6-10 points	0-5 points	
Attractiveness	10-13 points	5-9 points	0-4 points	
Pricing	7-10 points	4-6 points	0-3 points	
TOTAL SCORE: 75				

JUDGE'S NAME _____ JUDGE'S SIGNATURE _____ DATE _____



NATIONAL FFA
CAREER AND LEADERSHIP
DEVELOPMENT EVENTS

Mixed Combination Planter Itemized List of Costs

NAME _____ MEMBER NUMBER _____

CHAPTER _____ STATE _____ TEAM NUMBER _____

Quantity	PLANT MATERIAL	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	
Container Cost	
Sub Total	
TOTAL MIXED PLANTER COST	

DATE _____



NATIONAL FFA
CAREER AND LEADERSHIP
DEVELOPMENT EVENTS

Floriculture Making and Packing a Corsage Rubric

75 points

NAME _____ MEMBER NUMBER _____

CHAPTER _____ STATE _____ TEAM NUMBER _____

	Excellent	Good	Needs Improvement	Member Score
Wiring,taping, and/or gluing	11-15 points	6-10 points	0-5 points	
Use of ribbon	7-10 points	4-6 points	0-3 points	
Design	11-15 points	6-10 points	0-3 points	
Wear-ability	7-10 points	4-6 points	0-3 points	
Packaging	4-5 points	2-3 points	0-1 points	
Pricing (accuracy of pricing identification)	7-10 points	5-8 points	0-4 points	
Pricing	7-10 points	4-6 points	0-3 points	
TOTAL SCORE: 75				

JUDGE'S NAME _____ JUDGE'S SIGNATURE _____ DATE _____



NATIONAL FFA
CAREER AND LEADERSHIP
DEVELOPMENT EVENTS

Corsage Itemized List of Costs

NAME _____

MEMBER NUMBER _____

CHAPTER _____

STATE _____

TEAM NUMBER _____

Quantity	FLOWER/FOLIAGE USED	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

TOTAL CORSAGE COST

DATE _____



NATIONAL FFA
CAREER AND LEADERSHIP
DEVELOPMENT EVENTS

Asexual Plant Propagation Rubric

50 points

NAME _____ MEMBER NUMBER _____

CHAPTER _____ STATE _____ TEAM NUMBER _____

	Excellent	Good	Needs Improvement	Member Score
Proper sanitation and equipment use	4-5 points	2-3 points	0-1 points	
Selection of cuttings	4-5 points	2-3 points	0-1 points	
Making cuttings	5-6 points	3-4 points	0-2 points	
Preparation of cuttings for sticking in growing media	5-6 points	3-4 points	0-2 points	
Use of rooting hormone	4-5 points	2-3 points	0-1 points	
Selection of growing media	5-6 points	3-4 points	0-2 points	
Sticking of cuttings in growing media	5-6 points	3-4 points	0-2 points	
Cuttings labeled correctly	4-5 points	2-3 points	0-1 points	
Response to questions	5-6 points	3-4 points	0-2 points	

TOTAL SCORE: 50

JUDGE'S NAME _____ JUDGE'S SIGNATURE _____ DATE _____



NATIONAL FFA
CAREER AND LEADERSHIP
DEVELOPMENT EVENTS

Disorder Practicum Scorecard

NAME _____

MEMBER NUMBER _____

CHAPTER _____

STATE _____

TEAM NUMBER _____

		Member Answer	Possible Points	Member Score
1.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
2.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
3.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
4.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
5.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
6.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
7.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
8.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	

		Member Answer	Possible Points	Member Score
9.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
10.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
11.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
12.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
13.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
14.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
15.	Classification #:		1	
	Identification #:		2	
	Chemical Control #:		1	
	Cultural/ Biological Control #:		1	
TOTAL POINTS				75

CLASSIFICATION:

- 100 Diseases
- 101 Insects/ Pests / Mites
- 102 Nutritional/ Environmental

IDENTIFICATION:

- 200 Aphids
- 201 Black Leaf Spot
- 202 Botrytis – Grey Mold
- 203 Damping-off
- 204 Downy Mildew
- 205 Ethylene Damage
- 206 Fungus Gnats
- 207 Insufficient Watering
- 208 Iron Deficiency
- 209 Leaf Miner
- 210 Leafhopper
- 211 Mealybugs
- 212 Nitrogen Deficiency
- 213 Phosphorus Deficiency
- 214 Powdery Mildew
- 215 Root Rot
- 216 Rust
- 217 Scale
- 218 Shore Flies
- 219 Snails/ Slugs
- 220 Spider Mites
- 221 Stem Rot
- 222 Thrips
- 223 Tospovirus (INSV and TSWV)
- 224 Whiteflugs

CHEMICAL CONTROL:

- 400 Fungicide
- 401 Insecticide
- 402 Miticide
- 403 Molluscicide
- 404 No Treatment Listed

CULTURAL CONTROL:

- 500 Apply Complete Fertilizer
- 501 Correct/ Adjust Temperature
- 502 Correct/ Adjust Watering
- 503 Ladybird Beetles
- 504 Nematodes
- 505 Parasitic Wasp
- 506 Predatory Mites
- 507 Reduce Relative Humidity
- 508 No Treatment Listed



NATIONAL FFA
CAREER AND LEADERSHIP
DEVELOPMENT EVENTS

Pinching Plants Rubric

NAME _____ MEMBER NUMBER _____

CHAPTER _____ STATE _____ TEAM NUMBER _____

	Excellent	Good	Needs Improvement	Member Score
Selection of plant part to pinch	8-10	4-7	0-3	
Use of proper procedures in making pinches	8-10	4-7	0-3	
Made proper pinches	8-10	4-7	0-3	
Overall effect of making pinches	8-10	4-7	0-3	
Answered questions correctly	8-10	4-7	0-3	
TOTAL SCORE: 50				

JUDGE'S NAME _____ JUDGE'S SIGNATURE _____ DATE _____



NATIONAL FFA
CAREER AND LEADERSHIP
DEVELOPMENT EVENTS

Hazardous Situation Rubric

NAME _____ MEMBER NUMBER _____

CHAPTER _____ STATE _____ TEAM NUMBER _____

	Excellent	Good	Needs Improvement		Member Score
Utilize proper personal safety precautions	4-5	2-3	0-1	X 4	
Utilize proper safety procedures in clearing up the situation	4-5	2-3	0-1	X 5	
Proper disposal of problem materials	4-5	2-3	0-1	X 4	
Utilize proper follow-up procedures	8-10	4-7	0-3		
TOTAL SCORE: 75					

JUDGE'S NAME _____ JUDGE'S SIGNATURE _____ DATE _____