



Floriculture CDE

Purpose

The purpose of the Floriculture career development event is to stimulate the study of and interest in the production and retailing of plants and foliage. Through participation in this event, students will be able to identify floriculture and bedding plant materials as well as characteristics of unhealthy plants due to pest, nutritional, mechanical, or chemical injury.

Understanding principles and developing skills of floral design, identification of appropriate supplies and equipment for the flower shop and greenhouse, and demonstration of communication skills necessary for successful employment in the floriculture industry are skills attained in this event.

Sponsor

The NC State Florists Association currently sponsors this event.

Superintendent

The superintendent for this event is Mr. Andy VonCanon, Western Region Agricultural Education Coordinator, Department of Agricultural and Human Sciences, NC State University, 455 Research Dr. Mills River, NC 28759 Phone: 828-553-6296 Email: asvoncan@ncsu.edu

Eligibility

This event is open to all FFA chapters and FFA members in good standing. FFA members may not participate in a career development event that leads to a state level event after July 1, following their high school/early college graduation. Members winning a previous state event in this area or that have participated in a previous national event in this area are ineligible. This event will be held at the North Carolina State FFA Convention.

The top three individuals in the regional event are eligible to participate in the state event as individuals regardless of their team placing.

Teams shall consist of three or four members. Four scores will count towards the team total (A three-member team will earn a zero for the 4th score). No alternates are allowed in state events. Any alternate found participating in a state event will result in team disqualification.

The use or possession of cellular phones or any other mobile electronic communication device is prohibited during any state-level career development event. Any violation of this rule by any team member will result in total team disqualification.

FFA members participating in career development events that require the use of calculators may only use non-programmable/graphing calculators that do not have the ability to communicate with other calculators. Calculators will be screened prior to the start of a CDE for acceptability. Students caught using data stored on a calculator or communicating with other calculators will result in a total team disqualification for the event.



Any member found cheating in any state-level career development event will result in total team disqualification for that event.

The North Carolina FFA Association, in keeping with the FFA mission and purposes, does not permit the use of tobacco products, e-cigarettes, vapes, or Juuls at any FFA facility or at any FFA activity.

At the North Carolina FFA State Convention, participation in more than one FFA CDE is permitted as long as events are not being held concurrently and no special provisions are required to facilitate participation with the exception that parliamentary procedure and public speaking and parliamentary procedure and Creed speaking which are held concurrently will allow dual participation and special provisions for flighting.

Dress Code

Participants are allowed to wear long pants, an appropriate shirt with a collar or an appropriate high school or FFA t-shirt.

The North Carolina FFA Association strives to promote a positive image at all Official FFA Events. The dress code policy was established to address the issue of appropriate attire at all Official FFA Events.

Members should adhere to this policy for all events. A ten percent reduction will be applied to all individual scores from a chapter if a participant from that chapter violates the dress code during that career event.

Procedures for Administering the Event

Under no circumstances will any participant be allowed to touch or handle plant materials during the identification portion of the event. Any infraction of this rule will be sufficient cause to give that individual a zero on that phase of the event.

Any communication between participants during the event that would constitute giving help to that individual would result in both individuals getting a zero on that phase of the event. If an individual is suspected of copying someone else's paper, the participant will be given a personal quiet warning and if cheating continues, the one copying would be given a zero on that phase of the event and total team disqualification.

To facilitate the holding of the scorecards, participants are allowed and encouraged to bring and use clipboards. These should be submitted to an event official to determine that they are free of written materials that might help a participant in the event.

Cut Flower ID Specimens

If cut flowers are used as ID portions of this event, the flower and foliage must be used on these specimens.



Regional Event Set-Up

The event coordinator will have the responsibility in setting up the career development event, choosing career development event officials, judges, and materials. Regions may purchase Horticulture CDE #105482 scan sheets for participants to use if they wish. Scan sheets will not be provided from the state for regional use. Students will also be given a copy of the plant list to reference the correct number for bubbling purposes. Students will not need to memorize the Plant ID #.

Part 1: Identification (250 points) – 25 minutes

Twenty-five plants will be chosen from the current list of ID plants and each plant will be numbered. Each contestant will be assigned a plant to begin the identification portion of the contest. Each contestant will remain at each plant for one minute then progress on to the next plant. No contestant will be permitted to return to a plant for a second time. Each plant will be worth 10 points and no plant will be used twice.

Event officials will grade papers. Grading will be done by giving 10 points for each plant correctly identified. If it is observed that a participant uses the same number on their paper twice, neither number will be counted correct.

Part 2: Knowledge Test (250 points) – 25 minutes

A written knowledge test will consist of 25 multiple choice questions. The same test will be used in both the Floriculture and Nursery Landscape Events. The answer to these questions must be available in at least one of the references on the event reference list. The contestants will be given 25 minutes to complete the test and each question will be valued at 10 points. Event officials will grade the papers. Copies of written tests will not be made available to teachers until the summer following the events.

Part 3: Practicum (100 points) – 6 minutes

Each participant will make a satin bow of #9 ribbon that would be appropriate to use on an 8" wide azalea pot of mums. Materials provided:

- #20 floral wire
- A bolt of #9 ribbon
- Floral tape
- 6" wired pick
- Shears
- Scissors

Judges will observe and independently judge each contestant as they work and on their finished product using the scorecard below. The judges will average their scores and that average will become the contestant's score for the practicum. The criteria for scoring the regional practicum is as follows:

Scoring Practicum	
<i>Maximum Score</i>	100
● Taping the Wire	10
● Putting the Bow on a Pick	10
● Sizing	10



• Loops	10
• Overall Finished Product	10
• Final Practicum Score = Rubric Score multiplied by 2	

Regional Scoring

<i>Maximum Score</i>	600
• Plant Identification	250
• Knowledge Test	250
• Practicum	100

State Event Set-Up

The State FFA Coordinator or horticulture consultant shall be responsible for setting up the event, choosing event officials, judges, and materials. At the state level, students will use the Horticulture CDE #105482 scan sheet to bubble in their answers. Students will also be given a copy of the plant list to reference the correct number for bubbling purposes. Students will not need to memorize the Plant ID #.

Part 1: Identification (250 points) – 25 minutes

Twenty-five plants will be chosen from the current list of ID plants and each plant will be numbered. Each participant will be assigned a plant to begin identification. Each participant will remain at each plant for one minute then progress on to the next plant. No participant will be permitted to return to a plant a second time. Handling the plant will result in the student receiving a zero on plant ID. Grading will be done by awarding 10 points for each plant correctly identified. Students will be given a blank sheet of paper to make notes as needed. Only properly bubbled answers on the scantron will be counted.

Part 2: Knowledge Test (250 points) – 25 minutes

A written knowledge test will consist of 25 multiple choice questions. The answers must be found in at least one of the references on the event reference list. The test will consist of 15 general horticulture questions and 10 questions specific to the area of floriculture. The participants will be given 25 minutes to complete the test and each question will be valued at 10 points. Copies of written tests will not be made available to teachers until the summer following the events.

Part 3: Problem Solving (100 points) – 25 minutes

Each student will be given a 10-question multiple-choice problem-solving test concerning floral plants, products, or situations. Each question will be worth 10 points. Event officials will grade these papers. There should not be any two-part questions where the answer in one question has an impact on the answer for a subsequent question.



Part 4: Practicum (100 points)

Practicum #1 – Wrapping a Potted Plant (Odd Years) – 10 minutes

Each participant will be provided a potted flowering or foliage plant and should prepare it for sale in a florist shop. All materials needed to prepare the plant for sale will be provided. The ribbon needed will not be pre-cut and the student will work off the bolt of ribbon in making the bow for the plant.

Judges will observe the contestants and independently record their scores using the scorecard below. These scores will be averaged and become the contestant's score for this practicum.

(Reference: North Carolina FFA Association Floriculture Practicum Instructional Video).

Practicum #2 – Preparing a 3–Stem Bud Vase (Even Years) – 10 minutes

Each participant will be provided a vase and plant material to prepare for sale a 3–stem bud vase in a florist shop. All materials needed to prepare the vase for sale will be provided. The ribbon needed will not be pre-cut and the student will choose the correct ribbon for the size of the bud vase and work off the bolt of ribbon in making the bow for the bud vase.

Judges will observe the contestants and independently record their scores using the scorecard below. These scores will be averaged and become the contestant's score for this practicum.

(Reference: North Carolina FFA Association Floriculture Practicum Instructional Video).

State Scoring Practicum – Wrapping a Potted Plant	
<i>Maximum Score</i>	100
● Bow	10
● Bow Attachment	10
● Foil	10
● Overall Appearance of Finished Product	10
● Final Practicum Score = Rubric Score multiplied by 2.5	

State Scoring Practicum – Preparing a 3–Stem Bud Vase	
<i>Maximum Score</i>	100
● Bow & Bow Attachment	10
● Foliage/Filler	10
● Flower	10
● Overall Appearance of Finished Product	10
● Final Practicum Score = Rubric Score multiplied by 2.5	



State Scoring	
<i>Maximum Score</i>	700
● Plant Identification	250
● Knowledge Test	250
● Problem Solving	100
● Practicum	100

Procedure for Determining the State Winner When Scores are Tied

In the event a tie score exists, apply the following methods in sequential order until the tie is broken:

1. Compare the total team scores for the problem-solving component and the higher scoring team is the winner.
2. If this method fails, compare the total team scores for the identification component and the higher scoring team is the winner.
3. If this method fails, compare the team scores for the knowledge test component and the higher team is the winner.
4. If this method fails to break the tie, co-winners will be declared and a run-off event will be held to determine which team will represent North Carolina at the National FFA Convention. The run-off event will follow the same rules as the state event.

Special Note: In the event a tie exists between first, second, or third place teams on the regional level, the tied teams will be allowed to participate in the state event.

State Awards

The following awards will be presented annually at the State FFA convention provided sponsorship is available:

State Winning Team - *Cash award and first place team plaque*

Second Place Team - *Second place team plaque*

Third Place Team - *Third place team plaque*

High Scoring Individual - *Plaque*

National Career Development Event Participation

State winning teams advancing to the national career development event will be automatically registered for the national event. It is the responsibility of the FFA Chapter Advisor to complete all necessary national certification and waiver forms and return them to the state FFA Coordinator by the assigned due date.



State winning CDE teams that choose not to participate at the national level should contact the state office by Sept. 1 prior to the national convention. Teams that fail to inform the state office prior to Sept. 1 will be ineligible to participate in that same CDE for the next year (chapters may appeal to the State FFA Board of Directors). Teams that do not compete at the National Convention will be required to pay back the cash travel award.

References

Floral Design and Marketing, Gary Anderson, The Ohio State University, 2120 Fyffe Road. Columbus. Ohio. 43210.

Landscape Plants of the Southeast, Halfacre, Gordon, The Sparks Press.

*Carolina Lawns, Circular Ag-69, North Carolina Extension Service.

*Horticulture Today, by Riedel and Driscoll, Goodheart Wilcox Publishers, 2017.

*Introductory Horticulture, Third Edition, by Riley and Shry, Delmar Publishers.

*Landscaping: Principles and Practices, Third Edition, by Ingels, Delmar Publishers.

*Principles of Floral Design: An Illustrated Guide, by Scace and DelPrince, Goodheart Wilcox Publishers, 2015.

*These references will be used primarily as sources for test items. Others are for use by teachers primarily.



Plant Identification - Base List

Plant #	Botanical Name	Common Name	Plant #	Botanical Name	Common Name
101	<i>Abelia x grandiflora</i>	Glossy Abelia	141	<i>Iris x germanica var florentina</i>	Bearded Iris
102	<i>Acer palmatum</i>	Japanese Maple	142	<i>Juniperus conferta</i>	Shore Juniper
103	<i>Acer rubrum</i>	Red Maple	143	<i>Juniperus horizontalis</i>	Creeping Juniper
104	<i>Ageratum houstonianum</i>	Ageratum	144	<i>Lagerstroemia indica</i>	Crepe Myrtle
105	<i>Ajuga reptans</i>	Carpet Bugle	145	<i>Leucanthemum x superbum</i>	Shasta Daisy
106	<i>Antirrhinum majus</i>	Snapdragon	146	<i>Ligustrum japonicum</i>	Japanese Privet
107	<i>Araucaria heterophylla</i>	Norfolk Island Pine	147	<i>Liquidambar styraciflua</i>	Sweetgum
108	<i>Asparagus densiflorus 'Sprengeri'</i>	Sprengeri Fern	148	<i>Liriope muscari</i>	Lilyturf
109	<i>Astilbe hybrida</i>	Astilbe Hybrids	149	<i>Magnolia grandiflora</i>	Southern Magnolia
110	<i>Aucuba japonica</i>	Japanese Aucuba	150	<i>Malus species</i>	Flowering Crabapple
111	<i>Begonia x semperflorens-cultorum</i>	Wax Begonia	151	<i>Maranta leuconeura</i>	Prayer Plant
112	<i>Berberis thunbergii</i>	Japanese Barberry	152	<i>Myrica cerifera</i>	Wax Myrtle
113	<i>Betula nigra</i>	River Birch	153	<i>Nandina domestica</i>	Dwarf Nandina
114	<i>Buddleia davidii</i>	Butterfly Bush	154	<i>Narcissus pseudonarcissus</i>	Daffodil
115	<i>Buxus sempervirens</i>	Common Boxwood	155	<i>Nephrolepis exaltata</i>	Boston Fern
116	<i>Camellia japonica</i>	Common Camellia	156	<i>Ophiopogon japonicus</i>	Mondo Grass
117	<i>Canna x generalis</i>	Canna	157	<i>Paeonia hybrid</i>	Peony
118	<i>Catharanthus roseus</i>	Vinca or Periwinkle	158	<i>Pelargonium peltatum</i>	Ivy Leaf Geranium
119	<i>Cercis canadensis</i>	Eastern Red Bud	159	<i>Pelargonium x hortorum</i>	Geranium
120	<i>Chlorophytum comosum</i>	Spider Plant	160	<i>Pennisetum species</i>	Purple Fountain Grass
121	<i>Chrysanthemum morifolium</i>	Florist Chrysanthemum	161	<i>Petunia hybrida</i>	Petunia
122	<i>Clematis x jackmanii</i>	Clematis	162	<i>Philodendron scandens oxycardium</i>	Parlor Ivy
123	<i>Cornus florida</i>	Flowering Dogwood	163	<i>Prunus serrulata 'Kwanzan'</i>	Japanese Flowering Cherry
124	<i>x Cupressocyparis leylandii</i>	Leyland Cypress	164	<i>Pyrus calleryana 'Bradford'</i>	Bradford Pear
125	<i>Dieffenbachia maculata</i>	Spotted Dumbcane	165	<i>Quercus palustris</i>	Pin Oak
126	<i>Dracaena species</i>	Dracaena	166	<i>Quercus phellos</i>	Willow Oak
127	<i>Echinacea purpurea</i>	Cone Flower	167	<i>Rhododendron catawbiense</i>	Catawba Hybrid Rhododendron
128	<i>Epipremnum aureum</i>	Golden Pothos	168	<i>Rhododendron kiusianum</i>	Azalea
129	<i>Euonymus alata</i>	Winged Euonymus	169	<i>Rosa species</i>	Shrub Rose/Landscape Rose
130	<i>Ficus benjamina</i>	Benjamin or Weeping Fig	170	<i>Salvia splendens</i>	Salvia
131	<i>Ficus elastica 'Decora'</i>	Decora Rubber Plant	171	<i>Schefflera arboricola or S. actinophylla</i>	Schefflera
132	<i>Forsythia x intermedia</i>	Border Forsythia	172	<i>Sedum species</i>	Sedum
133	<i>Gardenia jasminoides</i>	Gardenia	173	<i>Solenostemon scutellarioides</i>	Coleus
134	<i>Hedera helix</i>	English Ivy	174	<i>Spathiphyllum cvs.</i>	Peace Lily
135	<i>Hemerocallis</i>	Day Lilly	175	<i>Tagetes species</i>	Marigold
136	<i>Hosta species</i>	Hosta	176	<i>Tradescantia zebrina</i>	Wandering Jew
137	<i>Hydrangea macrophylla</i>	French Hydrangea	177	<i>Tulipa species</i>	Tulip
138	<i>Ilex cornuta</i>	Chinese Holly	178	<i>Verbena hybrida</i>	Garden Verbena
139	<i>Ilex crenata</i>	Japanese Holly	179	<i>Viola x wittrockiana</i>	Pansy
140	<i>Impatiens hybrid</i>	Impatiens	180	<i>Zinnia elegans</i>	Zinnia



Floriculture List		
Plant #	Botanical Name	Common Name
	<i>Aglaonema commutatum</i>	Aglaonema
202	<i>Alstroemeria hybrida</i>	Peruvian Lily
203	<i>Angelonia hybrida</i>	Angelonia
204	<i>Asparagus setaceus</i>	Plume Asparagus Fern
205	<i>Caladium x hortuanum</i>	Fancy Leaved Caladium
206	<i>Calibrachoa hybrida</i>	Million Bells
207	<i>Celosia argentea</i>	Cockscomb
208	<i>Chamaedorea elegans</i>	Parlor Palm
209	<i>Codiaeum variegatum var. pictum</i>	Croton
210	<i>Crassula argentea</i>	Jade Plant
211	<i>Cyclamen x persicum</i>	Cyclamen
212	<i>Dendrobium cv.</i>	Dendrobium Orchid
213	<i>Dianthus species</i>	Carnation
214	<i>Eucalyptus species</i>	Eucalyptus
215	<i>Euphorbia pulcherrima</i>	Poinsettia
216	<i>Fuchsia hybrida</i>	Fuchsia
217	<i>Gerbera jamesonii</i>	Gerber Daisy
218	<i>Gladiolus x hortulanus</i>	Gladiolus
219	<i>Gypsophila elegans</i>	Babys Breath
220	<i>Hippeastrum hybrid</i>	Amaryllis
221	<i>Hoya carnosa</i>	Wax Plant
222	<i>Ipomoea batatas</i>	Ornamental Sweet potato
223	<i>Iris xiphium</i>	Dutch Iris
224	<i>Kalanchoe species</i>	Kalanchoe
225	<i>Limonium sinuatum</i>	Statice
226	<i>Phalaenopsis cv.</i>	Phalaenopsis or Moth Orchid
227	<i>Plectranthus species</i>	Swedish Ivy
228	<i>Portulaca oleracea</i>	Portulaca
229	<i>Rumohra adiantiformis</i>	Leatherleaf Fern
230	<i>Saintpaulia ionantha</i>	African Violet
231	<i>Sanseveria trifasciata</i>	Snake Plant
232	<i>Schlumbergera bridgesii</i>	Christmas Cactus
233	<i>Schlumbergera truncata</i>	Thanksgiving Cactus
234	<i>Sempervivum hybrid</i>	Echeveria or Hen & Chickens
235	<i>Syngonium podophyllum</i>	Nephtytis or Arrowhead Vine

Nursery Landscape List		
Plant #	Botanical Name	Common Name
301	<i>Aquilegia x hybrida</i>	Columbine
302	<i>Buxus microphylla</i>	Littleleaf Boxwood
303	<i>Camellia sasanqua</i>	Sasanqua Camellia
304	<i>Chamaecyparis pisifera 'Gold Mop'</i>	Gold Mop Chamaecyparis
305	<i>Cornus kousa</i>	Chinese Dogwood
306	<i>Cotoneaster dammeri</i>	Bearberry
307	<i>Ginkgo biloba</i>	Ginkgo
308	<i>Gleditsia triacanthos var. inermis</i>	Thornless Honeylocust
309	<i>Helleborus orientalis</i>	Lenton Rose
310	<i>Heuchera species</i>	Coral Bells
311	<i>Hibiscus species</i>	Hibiscus
312	<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea
313	<i>Iberis sempervirens</i>	Candytuft
314	<i>Juniperus chinensis</i>	Chinese Juniper
315	<i>Lantana camara</i>	Lantana
316	<i>Lavendula angustifolia</i>	Lavender
317	<i>Loropetalum chinensis</i>	Chinese Fringe Flower
318	<i>Magnolia x soulangiana</i>	Saucer or Tulip Magnolia
319	<i>Mahonia bealei</i>	Oregon Grape Holly
320	<i>Pachysandra terminalis</i>	Japanese pachysandra
321	<i>Phlox species</i>	Phlox
322	<i>Pieris japonica</i>	Lily-of-the-Valley Bush or Andromeda
323	<i>Pinus strobus</i>	Eastern White Pine
324	<i>Prunus laurocerasus</i>	Cherry Laurel
325	<i>Pyracantha coccinea</i>	Firethorn
326	<i>Quercus alba</i>	White Oak
327	<i>Rhamphiolepis umbellata</i>	Indian Hawthorn
328	<i>Rosmarinus officinalis</i>	Rosemary
329	<i>Rudbeckia fulgida</i>	Black Eyed Susan
330	<i>Spiraea x bumalda</i>	Bumalda Spirea
331	<i>Taxodium distichum</i>	Bald Cypress
332	<i>Taxus cuspidata</i>	Japanese Yew
333	<i>Thuja occidentalis</i>	American Arborvitae
334	<i>Tsuga canadensis</i>	Canadian Hemlock
335	<i>Yucca filamentosa</i>	Adam's Needle



HORTICULTURE

CDE# 105482

Incorrect Marks X

Correct Mark

Team Name

This sheet is for demonstration and practice only. You must use a real scan sheet for actual competition.

Team Number
0 0 0 0
1 1 1 1
2 2 2 2
3 3 3 3
4 4 4 4
5 5 5 5
6 6 6 6
7 7 7 7
8 8 8 8
9 9 9 9

State	Last Name	First Name
A A A A A A A A A A A A		
B B B B B B B B B B B B		
C C C C C C C C C C C C		
D D D D D D D D D D D D		
E E E E E E E E E E E E		
F F F F F F F F F F F F		
G G G G G G G G G G G G		
H H H H H H H H H H H H		
I I I I I I I I I I I I		
J J J J J J J J J J J J		
K K K K K K K K K K K K		
L L L L L L L L L L L L		
M M M M M M M M M M M M		
N N N N N N N N N N N N		
O O O O O O O O O O O O		
P P P P P P P P P P P P		
Q Q Q Q Q Q Q Q Q Q Q Q		
R R R R R R R R R R R R		
S S S S S S S S S S S S		
T T T T T T T T T T T T		
U U U U U U U U U U U U		
V V V V V V V V V V V V		
W W W W W W W W W W W W		
X X X X X X X X X X X X		
Y Y Y Y Y Y Y Y Y Y Y Y		
Z Z Z Z Z Z Z Z Z Z Z Z		

Code
0 0
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9

Place	Class	Place											
			1	2	3	4	5	6	7	8	9		
1	1234	1234	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
2	1243	1243	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2
3	1324	1324	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3
4	1342	1342	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4
5	1423	1423	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5
6	1432	1432	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6
7	2134	2134	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7
8	2143	2143	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8
9	2314	2314	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9
10	2341	2341	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10
11	2413	2413	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11
12	2431	2431	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12
13	3124	3124	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13
14	3142	3142	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14
15	3214	3214	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15
16	3241	3241	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16
17	3412	3412	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17
18	3421	3421	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18
19	4123	4123	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19
20	4132	4132	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20
21	4213	4213	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	21
22	4231	4231	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22
23	4312	4312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23
24	4321	4321	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24

Team Activity	
Team	Ind.
0 0 0 0 0 0 0	0 0 0 0 0 0 0
1 1 1 1 1 1 1	1 1 1 1 1 1 1
2 2 2 2 2 2 2	2 2 2 2 2 2 2
3 3 3 3 3 3 3	3 3 3 3 3 3 3
4 4 4 4 4 4 4	4 4 4 4 4 4 4
5 5 5 5 5 5 5	5 5 5 5 5 5 5
6 6 6 6 6 6 6	6 6 6 6 6 6 6
7 7 7 7 7 7 7	7 7 7 7 7 7 7
8 8 8 8 8 8 8	8 8 8 8 8 8 8
9 9 9 9 9 9 9	9 9 9 9 9 9 9

Practicums (Judges)					
1	2	3	4	5	6
0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0
1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1
2 2 2 2 2 2 2	2 2 2 2 2 2 2	2 2 2 2 2 2 2	2 2 2 2 2 2 2	2 2 2 2 2 2 2	2 2 2 2 2 2 2
3 3 3 3 3 3 3	3 3 3 3 3 3 3	3 3 3 3 3 3 3	3 3 3 3 3 3 3	3 3 3 3 3 3 3	3 3 3 3 3 3 3
4 4 4 4 4 4 4	4 4 4 4 4 4 4	4 4 4 4 4 4 4	4 4 4 4 4 4 4	4 4 4 4 4 4 4	4 4 4 4 4 4 4
5 5 5 5 5 5 5	5 5 5 5 5 5 5	5 5 5 5 5 5 5	5 5 5 5 5 5 5	5 5 5 5 5 5 5	5 5 5 5 5 5 5
6 6 6 6 6 6 6	6 6 6 6 6 6 6	6 6 6 6 6 6 6	6 6 6 6 6 6 6	6 6 6 6 6 6 6	6 6 6 6 6 6 6
7 7 7 7 7 7 7	7 7 7 7 7 7 7	7 7 7 7 7 7 7	7 7 7 7 7 7 7	7 7 7 7 7 7 7	7 7 7 7 7 7 7
8 8 8 8 8 8 8	8 8 8 8 8 8 8	8 8 8 8 8 8 8	8 8 8 8 8 8 8	8 8 8 8 8 8 8	8 8 8 8 8 8 8
9 9 9 9 9 9 9	9 9 9 9 9 9 9	9 9 9 9 9 9 9	9 9 9 9 9 9 9	9 9 9 9 9 9 9	9 9 9 9 9 9 9

Exam	
1 (A B C D) 26 (A B C D)	
2 (A B C D) 27 (A B C D)	
3 (A B C D) 28 (A B C D)	
4 (A B C D) 29 (A B C D)	
5 (A B C D) 30 (A B C D)	
6 (A B C D) 31 (A B C D)	
7 (A B C D) 32 (A B C D)	
8 (A B C D) 33 (A B C D)	
9 (A B C D) 34 (A B C D)	
10 (A B C D) 35 (A B C D)	
11 (A B C D) 36 (A B C D)	
12 (A B C D) 37 (A B C D)	
13 (A B C D) 38 (A B C D)	
14 (A B C D) 39 (A B C D)	
15 (A B C D) 40 (A B C D)	
16 (A B C D) 41 (A B C D)	
17 (A B C D) 42 (A B C D)	
18 (A B C D) 43 (A B C D)	
19 (A B C D) 44 (A B C D)	
20 (A B C D) 45 (A B C D)	
21 (A B C D) 46 (A B C D)	
22 (A B C D) 47 (A B C D)	
23 (A B C D) 48 (A B C D)	
24 (A B C D) 49 (A B C D)	
25 (A B C D) 50 (A B C D)	

Exam 2/Team	
1 (A B C D)	
2 (A B C D)	
3 (A B C D)	
4 (A B C D)	
5 (A B C D)	
6 (A B C D)	
7 (A B C D)	
8 (A B C D)	
9 (A B C D)	
10 (A B C D)	
11 (A B C D)	
12 (A B C D)	
13 (A B C D)	
14 (A B C D)	
15 (A B C D)	
16 (A B C D)	
17 (A B C D)	
18 (A B C D)	
19 (A B C D)	
20 (A B C D)	
21 (A B C D)	
22 (A B C D)	
23 (A B C D)	
24 (A B C D)	
25 (A B C D)	

Assessment and Solution				
1 (A B C D) 6 (A B C D) 11 (A B C D) 16 (A B C D) 21 (A B C D)				
2 (A B C D) 7 (A B C D) 12 (A B C D) 17 (A B C D) 22 (A B C D)				
3 (A B C D) 8 (A B C D) 13 (A B C D) 18 (A B C D) 23 (A B C D)				
4 (A B C D) 9 (A B C D) 14 (A B C D) 19 (A B C D) 24 (A B C D)				
5 (A B C D) 10 (A B C D) 15 (A B C D) 20 (A B C D) 25 (A B C D)				



Contestant Name: _____

Contestant School & Number: _____

Event Guidelines
Revised July 2020

RUBRIC – TYING A BOW (REGIONAL) *If Preparing for an 8" potted plant.

	DISTINGUISHED (8 – 10 points)	PROFICIENT (6 – 7 points)	APPRENTICE (4 – 5 points)	NOVICE (2 – 3 points)	INCOMPLETE (1 – 2 points)
Taping the Wire	<i>Wire completely and uniformly covered with tape.</i>	<i>Wire completely covered with tape. Thickness of tape varies.</i>	<i>Wire is showing in places. Tape is overused or underused.</i>	<i>Taping attempted. Limited coverage, sloppy.</i>	<i>Wire not taped.</i>
Putting the Bow on a Pick	<i>Bow firmly wired to the pick. Excess wire trimmed to acceptable length.</i>	<i>Bow wired to the pick with slight imperfection. Wire is trimmed.</i>	<i>Bow loosely wired to the pick. Wire is trimmed.</i>	<i>Bow loosely wired to the pick. Wire is not trimmed.</i>	<i>Bow is not on a pick.</i>
Sizing	<i>Bow measures 7.5 – 8.5 inches across.</i>	<i>Bow measures 7 or 9 inches.</i>	<i>Bow measures 6 or 10 inches.</i>	<i>Bow measures 5 or 11 inches.</i>	<i>Bow is under 5 or over 11 inches.</i>
Loops	<i>Symmetrical. Even number of matching loops with or without a center loop present.</i>	<i>Symmetrical. Even number of loops with slightly varying sizes.</i>	<i>Asymmetrical. Matching loops vary in size. Some uniformity. Improper side of ribbon showing.</i>	<i>Asymmetrical. More than 2 loops. No uniformity.</i>	<i>2 loops or less present. Uneven appearance.</i>
Overall Finished Product	<i>Bow is extremely eye appealing.</i>	<i>Bow is eye appealing.</i>	<i>Bow is somewhat appealing. Over 50% complete.</i>	<i>Bow is not presentable. Up to 50% incomplete.</i>	<i>Does not have the appearance of a bow.</i>
TOTAL					

Total Points from Rubric: _____ multiplied by 2 = _____ Final Score



Contestant Name: _____

Contestant School & Number: _____

Event Guidelines
Revised July 2020

RUBRIC – WRAPPING A POTTED PLANT (STATE)

	8 – 10 points (DISTINGUISHED)	6 – 7 points (PROFICIENT)	4 – 5 points (APPRENTICE)	0 – 3 points (NOVICE)
Bow	<ul style="list-style-type: none"> Bow appropriately sized. Wire completely and uniformly covered with tape. Symmetrical, even number of matching loops with or without center loop present. Mechanics (wire/pick) are not visible. Clean, symmetrical cuts on tails of bow. 	<ul style="list-style-type: none"> Bow is over 1 inch too big/small. Wire completely covered with tape. Thickness of tape varies. Symmetrical, even number of loops with slightly varying sizes. 	<ul style="list-style-type: none"> Bow is over 2 inches too big/small. Improper side of ribbon is showing. Tape is overused or underused. Asymmetrical, matching loops vary in size. Some uniformity. 	<ul style="list-style-type: none"> Bow sizing is inappropriate. Taping attempted. Limited coverage, sloppy. Two loops or less present. Uneven appearance.
Bow Attachment	<ul style="list-style-type: none"> Bow firmly wired to the pick. Excess wire trimmed to acceptable length. Mechanics are not visible. 	<ul style="list-style-type: none"> Bow wired to the pick with slight imperfection. Wire is trimmed. Mechanics are visible in some areas. 	<ul style="list-style-type: none"> Bow loosely wired to the pick. Wire is trimmed. Mechanics clearly visible. 	<ul style="list-style-type: none"> Bow loosely wired to the pick. Wire is not trimmed.
Foil	<ul style="list-style-type: none"> Foil is symmetrical. Even placement with minimal wrinkles. Ribbon holds foil on securely and is cut to proper length and attached properly. 	<ul style="list-style-type: none"> Foil is symmetrical. Slightly uneven, some wrinkles. Ribbon holds foil on securely. 	<ul style="list-style-type: none"> Foil is asymmetrical. Uneven and prevalent wrinkles. Foil cut incorrectly for pot size. 	<ul style="list-style-type: none"> Foil is asymmetrical. Sloppy and uneven. The pot is distinctly visible.
Overall Appearance	Overall product is extremely eye appealing.	Overall product is eye appealing.	Overall product is somewhat appealing. Over 50% complete.	Overall product is not presentable. Up to 50% incomplete.
TOTAL				

Total Points from Rubric: _____ multiplied by 2.5 = _____ Final Score



Contestant Name: _____

Event Guidelines
Revised July 2020

Contestant School & Number: _____

RUBRIC – PREPARING A 3-STEM BUD VASE (STATE)

	8 – 10 points (DISTINGUISHED)	6 – 7 points (PROFICIENT)	4 – 5 points (APPRENTICE)	0 – 3 points (NOVICE)
Bow & Bow Attachment	<ul style="list-style-type: none"> Bow appropriately sized. Wire completely and uniformly covered with tape. Symmetrical, even number of matching loops with or without center loop present. Appropriate tail length. Mechanics are not visible. Firmly in place upon inspection. Firmly attached with use of wire or pick. 	<ul style="list-style-type: none"> Bow is over 1 inch too big/small. Wire completely covered with tape, but thickness of tape varies. Symmetrical, even number of loops with slightly varying sizes. Mechanics are visible in some places. Attached, but should be firmer. 	<ul style="list-style-type: none"> Bow is over 2 inches too big/small. Wire is showing in places. Tape is overused or underused. Asymmetrical, matching loops vary in size. Some uniformity. Mechanics clearly visible. Loosely attached. Improper side of ribbon is showing. 	<ul style="list-style-type: none"> Bow sizing is inappropriate. Taping attempted. Limited coverage, sloppy. Two loops or less present. Uneven appearance. No bow.
Foliage/Filler	<ul style="list-style-type: none"> Appropriate placement of foliage Appropriate placement of filler. Proper height/proportion. 	<ul style="list-style-type: none"> Foliage not placed in appropriate position. Appropriate amount of filler is used. Proper side of plant material is showing. 	<ul style="list-style-type: none"> Foliage is under/overused. Foliage is imbalanced. Filler is imbalanced. Improper height. 	<ul style="list-style-type: none"> No foliage used.
Flower	<ul style="list-style-type: none"> Appropriate placement of three flowers. Arrangement has 3-dimensional balance. Proper height/proportion. 	<ul style="list-style-type: none"> Arrangement is not to proper scale, balance, or proportion. 	<ul style="list-style-type: none"> 1-2 flowers used. Imbalanced. Improper height. 	<ul style="list-style-type: none"> No flowers used.
Overall appearance	Overall product is extremely eye appealing	Overall product is eye appealing	Overall product is somewhat appealing. Over 50% complete	Overall product is not presentable. Up to 50% incomplete
TOTAL				

Total Points from Rubric: _____ multiplied by 2.5 = _____ Final Score