



## **EXAM INFORMATION**

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**Items**

38

**Points**

46

**Prerequisites**

NONE

**Grade Level**

9-12

**Course Length**

ONE SEMESTER

**Career Cluster**

AGRICULTURE, FOOD AND NATURAL  
RESOURCES

**Performance Standards**

INCLUDED

**Certificate Available**

YES

## **DESCRIPTION**

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Students will demonstrate knowledge and skills related to the floriculture industry. Floral design and management is the primary focus. Students will be prepared to create floral arrangements, grow floriculture crops, and manage commercial floriculture operations.

## **EXAM BLUEPRINT**

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STANDARD	PERCENTAGE OF EXAM
1- Student Organizations in Agricultural Education	4%
2- Agricultural Experience in Agricultural Education	4%
3- Floral Design Techniques	71%
4- Floriculture Business Concepts	21%



### **STANDARD 1**

STUDENTS WILL DEVELOP PERSONAL, LEADERSHIP, AND CAREER SKILLS THROUGH STUDENT ORGANIZATIONS PARTICIPATION

- Objective 1** Assess the role of student organization participation in developing personal and leadership skills.
1. Identify important personal skills and the strategies used in developing the skills.
  2. Identify important leadership skills and the role of student organization participation in developing the skills.
- Objective 2** Assess the role of student organization participation in developing career skills.
1. List and describe proficiency awards appropriate for horticulture
  2. List and describe career development events appropriate for horticulture.
  3. Relate the importance of supervised agricultural experience to student organization achievement.
  4. Utilize student organization and supervised agricultural experience participation to gain advanced degrees of student organization membership.

Standard 1 Performance Evaluation included below (Optional)

### **STANDARD 2**

STUDENTS WILL EXPLAIN THE MAINTENANCE AND EXPANSION OF SUPERVISED AGRICULTURAL EXPERIENCE PROGRAMS

- Objective 1** Maintain and use agricultural experience records.
1. Explain how agricultural experience records are maintained from year to year.
  2. Explain how to summarize and analyze agricultural experience records.
- Objective 2** Devise long-range plans for expanding agricultural experience programs.
1. Evaluate the overall quality of a current agricultural experience and determine how to make it more productive or profitable.
  2. Explain factors that should be considered in expanding an agricultural experience program.
  3. Explain how placement agricultural experience and ownership agricultural experience programs may be expanded.

Standard 2 Performance Evaluation included below (Optional)

### **STANDARD 3**

STUDENTS WILL DEMONSTRATE FLORAL DESIGN TECHNIQUES

- Objective 1** Identify common plant materials used in floral design.
1. Identify common cut flowers used in floral design.
  2. Identify common foliage used in floral design.
  3. Identify common live plants used in floral design.



- Objective 2** Care for fresh flowers and foliage.
1. Explain the basic care requirements of cut flowers (e.g., water, light, temperature).
  2. Describe the causes of deterioration and death of flowers (e.g., ethylene gas).
  3. Describe the steps of effective conditioning of flowers and foliage.
  4. Explain the importance of using floral preservatives.
- Objective 3** Identify floral design tools and supplies.
1. Identify common tools used in floral design.
  2. Recognize and describe floral design supplies.
- Objective 4** Explain the principles and elements of floral design.
1. Discuss the history and influence of different styles of design on the floriculture industry.
  2. Analyze the principles of floral design.
  3. Examine the concept of proportion and scale.
  4. Explain how the concept of balance is applied to floral design.
  5. Describe how rhythm is applied in floral work.
  6. Explain how the principles of dominance and focal point are used in floral design.
  7. Describe the major flower forms used in floral design.
  8. Explain how space and depth enhance floral design.
  9. Assess the importance of texture in floral design.
  10. Evaluate the influences of color on floral work.
  11. Explain basic geometric designs.
- Objective 5** Design floral arrangements using the principles and elements of design using at least four of the following indicators.
1. Design corsages and boutonnieres.
  2. Design bud vase arrangements.
  3. Design vase arrangements.
  4. Design centerpieces.
  5. Design holiday arrangements.
  6. Design wedding pieces.
  7. Design sympathy arrangements.
  8. Design color bowls and hanging baskets.
  9. Design arrangements using everlasting flowers.
  10. Prepare a potted plant with foil.
  11. Create bows and/or accessories appropriate for the design.

Standard 3 Performance Evaluation included below (Optional)



**STANDARD 4**

**STUDENTS WILL STUDY THE FLORICULTURE INDUSTRY**

Objective 1 Price floral design work.

1. Explain the importance of effective buying.
2. Determine the costs for floral arrangements.
3. Assess typical pricing strategies.
4. Calculate mark-up.

Objective 2 Prepare floriculture crops for sale.

1. Clean plants and containers.
2. Decorate plants and containers.
3. Attach price tags and care instructions.

Objective 3 Explain the basics of marketing in the floriculture industry.

1. Display floriculture materials for sale.
2. Recognize ways of maintaining and increasing the effectiveness of horticultural business displays.
3. Recognize how advertising is used.
4. Complete sales tickets.
5. Use proper telephone techniques.
6. Describe effective packaging and delivery.
7. Describe the impact of the international flower market on the floriculture industry.

Objective 4 Describe floriculture business management.

1. Differentiate the types of floriculture businesses.
2. Recognize costs related to floriculture production.
3. Analyze the importance of marketing, promotion, and sales.
4. Describe career opportunities associated with floriculture management.

Standard 4 Performance Evaluation included below (Optional)



## Floriculture Performance Standards (Optional)

Performance assessments may be completed and evaluated at any time during the course. The following performance skills are to be used in connection with the associated standards and exam. To pass the performance standard the student must attain a performance standard average of **8 or higher** on the rating scale. Students may be encouraged to repeat the objectives until they average **8 or higher**.

Students Name \_\_\_\_\_

Class \_\_\_\_\_

### PERFORMANCE RATING SCALE



#### STANDARD 1 Student Organization in Agricultural Education

Score:

- Students will attend a student organization meeting

#### STANDARD 2 Agricultural Experience in Agricultural Education

Score:

- Students will use the approved record book to record financial transactions and activities on an agricultural experience.

#### STANDARD 3 Floral Design Techniques

Score:

- Student will design and make corsages and boutonnieres
- Student will design and make four of the following floral arrangements; bud vase, center piece, holiday arrangement, wedding arrangement, sympathy arrangement, color bowl, or hanging basket using the principles and elements of design

#### STANDARD 4 Floriculture Business Concepts

Score:

- Student will develop short and long-range leadership and personal development goals

### PERFORMANCE STANDARD AVERAGE SCORE: