

NM Public Education Department

FLORICULTURE

END-OF-COURSE EXAM | GRADE 9-12 | YEAR 17-18

ASSESSMENT BLUEPRINT

Purpose Statement—Floriculture

The Floriculture End-of-Course Exam is designed to measure student proficiency of the standards and performance elements aligned to the Common Career Technical Core Standards (https://cte.careertech.org/sites/default/files/CCTC_Standards_Formatted_2014.pdf). This course-level exam is provided to all students who have completed Agricultural Power and Machinery.

This exam can be given for the following STARS course code:

0145 - Floriculture

Intended as a final exam for the course, this is a summative exam covering a wide range of content, skills, and applications. Scores are reported to the teacher, school, district, and state levels for the purposes of student grades, curriculum review, and NMTeach summative reports.

New Mexico State University College of Agriculture, Consumer and Environmental Sciences

This blueprint was developed and piloted in 2016 by the New Mexico State University's (NMSU) Secondary Agriculture Education Office (<http://aces.nmsu.edu/>) in partnership with New Mexico agriculture educators. NMSU uses test items with consent from MYCaert, Inc. (<http://www.mycaert.com>). MyCaert has given copyright permissions to the New Mexico Public Education Department (NMPED).

Sample Questions

The NMPED has released sample items (prior test exam questions in the test bank) for each performance element. Due to a limited item bank, only five, EOC specific, sample questions have been provided on the blueprint. The depth of knowledge (DOK) level has also been identified for each sample question.

Blueprint Table—Floriculture

| REPORTING CATEGORY | STANDARD/ BENCHMARK | CONTENT STATEMENT |
|---------------------------------|------------------------|---|
| Plant Systems | AG-PL.2 | <p>Performance Element: Apply the principles of classification, plant anatomy and plant physiology to plant production and management.</p> |
| | AG-PL.3 | <p>Performance Element: Propagate, culture and harvest plants and plant products based on current industry standards.</p> |
| | AG-PL.4 | <p>Performance Element: Apply principles of design in plant systems to enhance an environment (e.g., floral, forest, landscape and farm).</p> <p>Sample Questions:</p> <p>1. Which of the following best explains the term “rhythm” as it relates to floral design?</p> <p>A. a pleasing relationship between plant size and shape B. when one design element captures your attention C. a representation of color and balance relative to space D. the orderly organization of a design element to create a visual pathway *</p> <p>DOK 2</p> <p>2. How does a needlepoint holder compare to a pincushion when designing flower arrangements?</p> <p>A. It is used to hold sewing needles. B. It is made of soft material so you can insert metal pins into it. C. It is a metal base with metal pins attached to it. * D. It is a base constructed out of sewing needles used in floral arrangements.</p> <p>DOK 2</p> |
| Agribusiness Systems | AG-BIZ.1 | <p>Performance Element: Apply management planning principles in AFNR businesses.</p> <p>Sample Questions:</p> |

| REPORTING CATEGORY | STANDARD/ BENCHMARK | CONTENT STATEMENT |
|-----------------------|------------------------|---|
| | | <p>1. How would an individual present themselves to a job interview with a welding company?</p> <p>A. open toed shoes, shorts, no shower B. dressed neatly and appropriately for the task at hand * C. arrive late to the interview D. unprepared with no prior knowledge of skills needed DOK 1</p> <p>2. Sam and Avery are working on a horticulture project. They have worked very hard and put in many hours. Jill takes their project notes without asking permission. What has Jill done?</p> <p>A. She has borrowed research from them. B. She has plagiarized from them. C. She has invaded their privacy. * D. She has committed a felony. DOK 1</p> |
| | AG-BIZ.3 | <p>Performance Element: Manage cash budgets, credit budgets and credit for an AFNR business using generally accepted accounting principles.</p> |
| | AG-BIZ.4 | <p>Performance Element: Develop a business plan for an AFNR business.</p> |
| | AG-BIZ.5 | <p>Performance Element: Use sales and marketing principles to accomplish AFNR business objectives.</p> <p>Sample Question: Why is the domestic flower market in the U.S. in a decline while the international market is expanding?</p> <p>A. Domestic growers lack technology. B. International market is more cost effective. C. Air traffic linking the world today makes international market possible. * D. Jet fuel is cheaper than soil. DOK 2</p> |

| Floriculture EoC Reporting Category Alignment Framework | | | | | |
|--|-----------|-----------------------|----|---|----------------|
| Reporting Category | Standard | DOK (Count by DOK) | | | Grand Total |
| | | 1 | 2 | 3 | |
| | | | | | |
| Plant Systems | AG-PL.2 | | 1 | | 1 |
| | AG-PL.3 | 4 | | | 4 |
| | AG-PL.4 | 4 | 14 | | 18 |
| Agribusiness Systems | AG-BIZ.1 | 4 | 18 | | 22 |
| | AG-BIZ.3 | | 3 | | 3 |
| | AG-BIZ.4 | | | 2 | 2 |
| | AG-BIZ. 5 | 1 | 3 | 1 | 5 |
| Total | | 13 | 39 | 3 | 55 |