



## **Floral Design (Proc 17)**

PRE-TEST/POST-TEST TEKS BLUEPRINT

# Pre-Test/Post-Test Development Overview

## TEKS Addressed Selection Process

The Texas Essential Knowledge & Skills (TEKS) included in the course pre-test and post-test were selected for their direct relevance to the course content. This selection process was guided by the goal of assessing learners' understanding of specific topics and skills that are integral to the course. As a result, TEKS related to general employability skills or broader topics were often excluded. This focus ensures that the assessments accurately measure students' mastery of the subject matter, allowing educators to gain a clear insight into areas where students excel or may need additional support. By concentrating on content-specific TEKS, the tests provide a more precise evaluation of the students' knowledge and understanding of the core material.

## Test Question Development Process

The questions created for the pre-test and post-test were designed using psychometric principles to ensure they are of high quality and fairness. This approach helps to accurately assess student understanding. These principles guide the development of questions to be reliable, valid, and free from bias, ensuring that they effectively measure the knowledge and skills the students are expected to acquire in the course.

## Floral Design (Proc 17) Pre-Test/Post-Test TEKS Blueprint

Knowledge & Skills Statement	Student Expectation	iCEV Lesson Title
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(B) apply competencies related to resources, information, interpersonal skills, and systems of operation in floral design and interior landscape development	Flower Business Management
(2) The student develops a supervised agriculture experience program. The student is expected to:	(A) plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity	Blue & Gold Experience: SAE Programs
(2) The student develops a supervised agriculture experience program. The student is expected to:	(B) apply proper record-keeping skills as they relate to the supervised agriculture experience	Introduction to Record Keeping
(2) The student develops a supervised agriculture experience program. The student is expected to:	(C) participate in youth leadership opportunities to create a well-rounded experience program	Blue & Gold Experience: Leadership
(2) The student develops a supervised agriculture experience program. The student is expected to:	(D) produce and participate in a local program of activities using a strategic planning process	Blue & Gold Basics: What is FFA?
(3) The student identifies design principles and techniques in floral art and interiorscapes. The student is expected to:	(A) identify the aesthetic benefits and the history of floral art, particularly as it relates to current practice	History of Floral Design
(3) The student identifies design principles and techniques in floral art and interiorscapes. The student is expected to:	(B) classify and identify flowers and plants used in floral design	Flower Identification
(3) The student identifies design principles and techniques in floral art and interiorscapes. The student is expected to:	(C) identify design elements and principles	Floral Design Basics: Principles & Elements
(4) The student demonstrates floral design principles and techniques. The student is expected to:	(A) demonstrate an understanding of and implement the design process through the medium of floral materials	Floral Design Basics: Techniques
(4) The student demonstrates floral design principles and techniques. The student is expected to:	(B) evaluate and prepare geometric floral designs using cut flowers	Geometry in Floral Design
(4) The student demonstrates floral design principles and techniques. The student is expected to:	(C) evaluate and prepare geometric floral designs using silk flowers	Geometry in Floral Design
(4) The student demonstrates floral design principles and techniques. The student is expected to:	(D) prepare corsages and boutonnieres	Corsage & Boutonniere Preparation
(4) The student demonstrates floral design principles and techniques. The student is expected to:	(E) prepare floral designs for specific occasions	Bereavement Arrangements Wedding Arrangements Special Arrangements
(5) The student develops and formulates ideas from the environment. The student is expected to:	(A) illustrate ideas for floral designs from direct observation, experiences, and imagination	Floral Design Basics: Principles & Elements
(5) The student develops and formulates ideas from the environment. The student is expected to:	(B) compare and contrast the use of art elements such as color, texture, form, line, and space	Floral Design Basics: Principles & Elements
(5) The student develops and formulates ideas from the environment. The student is expected to:	(C) compare and contrast art principles such as continuity, pattern, rhythm, balance, proportion, and unity in personal designs	Floral Design Basics: Principles & Elements
(6) The student makes informed judgments about personal designs and the designs of others. The student is expected to:	(A) interpret, evaluate, and justify artistic decisions in personal arrangements	Critiquing Floral Arrangements
(6) The student makes informed judgments about personal designs and the designs of others. The student is expected to:	(B) select and analyze original designs, portfolios, and floral exhibitions by peers and others to form precise conclusions about formal qualities and historical and cultural contexts, intents, and meanings	Critiquing Floral Arrangements
(7) The student demonstrates contemporary designs, business practices, and creativity in the floral industry by developing floral design skills. The student is expected to:	(A) classify and identify specialty floral items	Wedding Arrangements Special Arrangements
(7) The student demonstrates contemporary designs, business practices, and creativity in the floral industry by developing floral design skills. The student is expected to:	(B) evaluate and appraise floral designs	Critiquing Floral Arrangements
(7) The student demonstrates contemporary designs, business practices, and creativity in the floral industry by developing floral design skills. The student is expected to:	(C) prepare cost-effective designs	Critiquing Floral Arrangements
(7) The student demonstrates contemporary designs, business practices, and creativity in the floral industry by developing floral design skills. The student is expected to:	(D) create specialty designs to expand artistic expression	Bereavement Arrangements

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Knowledge & Skills Statement	Student Expectation	iCEV Lesson Title
(7) The student demonstrates contemporary designs, business practices, and creativity in the floral industry by developing floral design skills. The student is expected to:	(E) demonstrate pricing and order-processing skills	Flower Business Management
(7) The student demonstrates contemporary designs, business practices, and creativity in the floral industry by developing floral design skills. The student is expected to:	(F) list service delivery options related to effectiveness	Flower Business Management
(8) The student knows the management factors of floral enterprises. The student is expected to:	(A) use temperature, preservatives, and cutting techniques to increase keeping quality of floral materials	Post Harvest Care of Cut Flowers
(8) The student knows the management factors of floral enterprises. The student is expected to:	(B) identify tools, chemicals, and equipment used in floral design	Floral Design Tools
(8) The student knows the management factors of floral enterprises. The student is expected to:	(C) fertilize, prune, and water tropical plants	Post Harvest Care of Cut Flowers
(8) The student knows the management factors of floral enterprises. The student is expected to:	(D) manage pests	Post Harvest Care of Cut Flowers
(8) The student knows the management factors of floral enterprises. The student is expected to:	(E) demonstrate technical skills for increasing the preservation of cut flowers and foliage	Post Harvest Care of Cut Flowers