Nebraska CTE

Floriculture (2023)

Synthesize the history of floriculture. AFNR.HS.16.1	**a** Explain the evolution of floriculture throughout history and describe how history has influenced today's floriculture. AFNR.HS.16.1.A
	b Compare and contrast the three levels of the floriculture industry (grower, wholesaler, and retailer). AFNR.HS.16.1.B
	c Analyze today's world floral production and marketing methods and trends. AFNR.HS.16.1.C
Summarize key aspects of floral botany and processing. AFNR.HS.16.2	**a** Identify male and female parts of the flower and their functions. AFNR.HS.16.2.A
	b Evaluate the function of the plant stem and its post-harvest physiology. AFNR.HS.16.2.B
	c Recognize the inflorescence types and leaf form and their purpose. AFNR.HS.16.2.C
	d Distinguish the roles of plant processes as they relate to cut plant materials. AFNR.HS.16.2.D
	e Identify harvesting techniques and procedures used to cut quality materials and design a procedure for proper processing and storage. AFNR.HS.16.2.E
Summarize the proper function and use of floral materials and tools. AFNR.HS.16.3	**a** Identify the common tools used in various methods of floral arranging and demonstrate correct and safe use of floral tools. AFNR.HS.16.3.A
	b Identify common wire and ribbon sizes for various applications. AFNR.HS.16.3.B
	c Explain special considerations (occasion and season) for selection of proper materials (e.g., ribbon, containers). AFNR.HS.16.3.C
Classify common floriculture plants. AFNR.HS.16.4	**a** Identify the major plants used in the floriculture industry by common and scientific names. AFNR.HS.16.4.A
	b Categorize major plants based on their use in floriculture (cut flower and/or foliage plants, potted flowering and/or foliage plants). AFNR.HS.16.4.B
	c Differentiate the uses of plants in a design: line, form, filler, foliage. AFNR.HS.16.4.C

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Synthesize principles of floral design. AFNR.HS.16.5

- **a** **Identify the importance of floral design principles (e.g., color, design, line, texture, balance, focal point).** AFNR.HS.16.5.A
- **b** **Evaluate an arrangement based on design principles.** AFNR.HS.16.5.B
- **c** **Analyze current design trends that exist in the floral industry.** AFNR.HS.16.5.C
- **d** **Create a floral arrangement using design principles and materials to meet a specific occasion and budget.** AFNR.HS.16.5.D
- **e** **Delineate between wholesale and retail pricing of raw materials.** AFNR.HS.16.5.E