

FLORICULTURE DESIGN AND MANAGEMENT

This recommended list is based upon a classroom size of 25 students. All costs are estimated and should be adjusted and verified with current quotes. No specific equipment vendor or brand names are endorsed due to various possibilities, but school districts should consult with stakeholders to ensure industry-recognized equipment and software are purchased. The intent of this list is to provide school districts with guidance on the equipment needed to cover the state standards for a Floriculture Design and Management program.

CLASSROOM EQUIPMENT**TOTAL: \$16,710**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Workstations w/chairs	\$400	\$10,000
1	Teacher Workstation w/chair	\$400	\$400
1	Teacher Computer	\$900	\$900
1	Presentation Equipment (e.g., interactive whiteboard (IWB), or other interactive display system with software and accessories)	\$3,000	\$3,000
1	Networkable Laser Printer (black/white or color)	\$400	\$400
1	Vertical File Cabinet (lockable)	\$330	\$330
2	Storage Cabinets (36" x 12" x 72") (lockable)	\$300	\$600
2	Bookcases (36" x 12" x 42")	\$115	\$230
2	White Boards (4' x 8')	\$110	\$220
1	Eyewash Station	\$300	\$300
1	Fire Extinguisher	\$130	\$130
1	Sink with Soap Dispenser	\$100	\$100
1	First Aid Kit	\$100	\$100

PROGRAM EQUIPMENT**TOTAL: \$35,500**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Computers	\$1,000	\$25,000
5	Tablets (enhanced memory/speed)	\$500	\$2,500
1	Technology Storage/Charging System (optional)	\$2,000	\$2,000
1	Floral Cooler	\$4,000	\$4,000
1	Classroom Grow Lab Kit (trays, light and medium)	\$2,000	\$2,000

INSTRUCTIONAL MATERIALS**TOTAL: \$9,000**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Textbooks (Approved by NDE)	\$100	\$2,500
1	Teacher Textbook Edition and Resources	\$500	\$500

INSTRUCTIONAL MATERIALS (CONT.)

QTY	ITEM DESCRIPTION	UNIT	TOTAL
1	Office Productivity Software Suite (OPTIONAL, delete if not applicable)	\$2,500	\$2,500
1	Curriculum Software Package	\$1,500	\$1,500
Varies	Resources (manuals, plant identification guides, etc.)	\$2,000	\$2,000

INSTRUCTIONAL SUPPLIES**TOTAL: \$22,900**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
2	Unmanned Aerial Vehicles (UAV)/Drones (for video capture)	\$400	\$800
10	Standard Monocular Microscopes	\$250	\$2,500
5	Water Cycle Kits	\$150	\$750
Varies	Plant and Animal Models (anatomical, structure, DNA, etc.)	\$3,000	\$3,000
Varies	Cut Flowers, Foliage, and Plants (live, preserved, plastic, preservatives, etc.)	\$3,000	\$3,000
Varies	Floral Supplies (tapes, foam, containers, pictures, ribbon, wire, accessories, tools, etc.)	\$2,000	\$2,000
Varies	Retail Supplies (label maker, tags, cash register, invoice paper, etc.)	\$2,000	\$2,000
Varies	Holiday and Special Event Designs (cut-outs, plastic, etc.)	\$1,500	\$1,500
Varies	Lab Equipment (pipettes, test tubes, etc.)	\$1,000	\$1,000
Varies	Containers (vases, sleeves, etc.)	\$1,000	\$1,000
Varies	Floral Tools (knives, pliers, snips, scissors, etc.)	\$1,000	\$1,000
Varies	Personal Protective Equipment (PPE) (aprons, gloves, glasses/goggles, etc.)	\$1,000	\$1,000
Varies	Landscape Materials (hardscape samples, tools, plans, etc.)	\$1,000	\$1,000
Varies	Cellular Biology Supplies (prepared slides, droplets, covers, slides, etc.)	\$500	\$500
Varies	Plant Propagation Supplies	\$500	\$500
Varies	Soil Testing Materials (kits, sample containers, soil samples, etc.)	\$500	\$500
Varies	Computer Accessories (cases, covers, etc.) (optional)	\$500	\$500
Varies	Feed Samples	\$250	\$250
Varies	Office Supplies (paper, files, etc.)	\$100	\$100

OTHER

TOTAL:

\$300

QTY	ITEM DESCRIPTION	UNIT	TOTAL
1	Occupational Safety and Health Administration (OSHA) Instructor Training	\$300	\$300
1	Worker Protection Standard Training	\$0	\$0

CATEGORY TOTALS:

CLASSROOM EQUIPMENT	\$16,710
PROGRAM EQUIPMENT	\$35,500
INSTRUCTIONAL MATERIALS	\$9,000
INSTRUCTIONAL SUPPLIES	\$22,900
OTHER	\$300
ESTIMATED PROGRAM TOTAL	\$84,410