

LANDSCAPE 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 Landscape 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: \$37,800

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Computers	\$1,000	\$25,000
1	Technology Storage/Charging System (optional)	\$2,000	\$2,000
1	Classroom Grow Lab Kit (trays, light and medium)	\$2,000	\$2,000
5	Tablets (enhanced memory/speed)	\$500	\$2,500
2	Unmanned Aerial Vehicles (UAV)/Drones (for video capture)	\$400	\$800
10	Standard Monocular Microscopes	\$250	\$2,500
Varies	Plant Models (stem, leaf, flower, root, etc.)	\$3,000	\$3,000

INSTRUCTIONAL MATERIALS**TOTAL:****\$7,000**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Textbooks (Approved by NDE)	\$100	\$2,500
1	Teacher Textbook Edition and Resources	\$500	\$500
1	Design Curriculum Software Package	\$2,000	\$2,000
Varies	Resources (manual, plant identification guides, etc.)	\$2,000	\$2,000

INSTRUCTIONAL SUPPLIES**TOTAL:****\$11,250**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
5	Soil Testing Kits and Supplies	\$200	\$1,000
5	Water Cycle Kits	\$150	\$750
Varies	Planting Materials and Supplies (plants, containers, soil, labels, etc.)	\$3,000	\$3,000
Varies	Irrigation Supplies (sprinklers, pipe, fittings, valves, emitters/receivers, etc.)	\$1,000	\$1,000
Varies	Personal Protective Equipment (PPE) (apron, masks, gloves, glasses/goggles, etc.)	\$1,000	\$1,000
Varies	Lab Equipment (pipettes, test tubes, etc.)	\$1,000	\$1,000
Varies	Cellular Biology Supplies (prepared slides, droplets, covers, slides, etc.)	\$500	\$500
Varies	Soil Testing Materials (kits, sample containers, soil samples, etc.)	\$500	\$500
Varies	Floral Supplies (tools, containers, flowers, etc.)	\$500	\$500
Varies	Computer Accessories (cases, covers, etc.) (optional)	\$500	\$500
Varies	Hand Tools (hammers, screwdrivers, pruners, shovel, etc.)	\$500	\$500
Varies	Hardscape Supply Samples	\$500	\$500
Varies	Drafting Supplies	\$400	\$400
Varies	Office Supplies (paper, files, etc.)	\$100	\$100

OTHER**TOTAL:****\$350**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
1	Occupational Safety and Health Administration (OSHA) Instructor Training	\$300	\$300
1	Worker Protection Standard Certification	\$50	\$50

CATEGORY TOTALS:

CLASSROOM EQUIPMENT	\$16,710
PROGRAM EQUIPMENT	\$37,800
INSTRUCTIONAL MATERIALS	\$7,000
INSTRUCTIONAL SUPPLIES	\$11,250
OTHER	\$350
ESTIMATED PROGRAM TOTAL	\$73,110