

NATURAL RESOURCES AND WILDLIFE 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 Natural Resources and Wildlife Management program.

CLASSROOM EQUIPMENT**TOTAL: \$17,210**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Workstations w/chairs	\$400	\$10,000
1	Teacher Workstation w/chair	\$400	\$400
1	Teacher Computer (enhanced memory/storage, download capable)	\$1,400	\$1,400
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: \$45,500**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Computers (enhanced memory/speed, download capable)	\$1,500	\$37,500
1	Technology Storage/Charging System (optional)	\$2,000	\$2,000
5	Tablets (enhanced graphics/memory/speed)	\$1,000	\$5,000
1	Global Positioning System/Geographic Information System (GPS/GIS) Field Kit	\$1,000	\$1,000

INSTRUCTIONAL MATERIALS

TOTAL:

\$6,000

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Textbooks (Approved by NDE)	\$100	\$2,500
1	Teacher Textbook Edition and Resources	\$500	\$500
1	Curriculum Software Package (mapping and topography)	\$1,000	\$1,000
Varies	Resources (manuals, breed books, classification guides, finder books, etc.)	\$2,000	\$2,000

INSTRUCTIONAL SUPPLIES

TOTAL:

\$17,350

QTY	ITEM DESCRIPTION	UNIT	TOTAL
2	Unmanned Aerial Vehicles (UAV)/Drones (for video capture)	\$400	\$800
10	Standard Monocular Microscopes	\$250	\$2,500
5	Herbarium Presses	\$150	\$750
5	Water Cycle Kits	\$150	\$750
Varies	Plant and Animal Models (anatomical, structure, DNA, etc.)	\$3,000	\$3,000
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	Lab Equipment (pipettes, test tubes, etc.)	\$1,000	\$1,000
Varies	Tools and Supplies (marking flags, pocket diameter, magnifiers, metal meter sticks, tweezers, open-reel fiberglass/cloth tapes, sweeping nets, Doyle scale, etc.)	\$1,000	\$1,000
Varies	Fish/Wildlife Supplies (wildlife habitat kits, riparian model, safety supplies, etc.)	\$1,000	\$1,000
Varies	Soil Testing Materials (kits, sample containers, soil samples, tubes, etc.)	\$500	\$500
Varies	Cellular Biology Supplies (prepared slides, droplets, covers, slides, etc.)	\$500	\$500
Varies	Plant Propagation Supplies	\$500	\$500
Varies	Hydrology Supplies (quality kit, water testing, etc.)	\$500	\$500
Varies	Floral Supplies (tools, containers, flowers, etc.)	\$500	\$500
Varies	Forestry/Woodland Supplies (insect samples, maps, conifers collections, etc.)	\$500	\$500
Varies	Computer Accessories (cases, covers, etc.) (optional)	\$500	\$500
Varies	Scientific Rock and Mineral Samples	\$450	\$450
Varies	Preserved Plant Specimens	\$250	\$250
Varies	Feed Samples	\$250	\$250
Varies	Tree Cookies	\$100	\$100

OTHER

TOTAL:

\$300

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

CATEGORY TOTALS:

CLASSROOM EQUIPMENT	\$17,210
PROGRAM EQUIPMENT	\$45,500
INSTRUCTIONAL MATERIALS	\$6,000
INSTRUCTIONAL SUPPLIES	\$17,350
OTHER	\$300
ESTIMATED PROGRAM TOTAL	\$86,360