

ANIMAL SCIENCE

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, and 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 an Animal Science program.

CLASSROOM EQUIPMENT**TOTAL: \$16,480**

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	Bookcase (36" x 12" x 42")	\$115	\$230
2	White Boards (4' x 8')	\$110	\$220
1	Eyewash Station	\$300	\$300
1	Sink with Soap Dispenser	\$100	\$100

PROGRAM EQUIPMENT**TOTAL: \$30,600**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Computers	\$1,000	\$25,000
1	Technology Storage/Charging System (optional)	\$2,000	\$2,000
1	Animal Sonography Equipment	\$3,000	\$3,000
1	Refrigerator	\$600	\$600

INSTRUCTIONAL MATERIALS**TOTAL: \$3,000**

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

INSTRUCTIONAL SUPPLIES

TOTAL: \$16,800

QTY	ITEM DESCRIPTION	UNIT	TOTAL
10	Classroom Microscopes	\$400	\$4,000
1	Lab Centrifuge	\$400	\$400
1	Cell Division Model	\$100	\$100
1	Soil Testing Kit	\$100	\$100
Varies	Animal Skeletal and Digestive Models	\$2,000	\$2,000
Varies	Lab Testing Supplies (re-agents, indicators, probes, etc.)	\$1,500	\$1,500
Varies	Animal System Models	\$1,500	\$1,500
Varies	Botany Resources for Identification	\$1,000	\$1,000
Varies	Various Lab Items (beakers, tubes, plates, etc.)	\$1,000	\$1,000
Varies	Personal Protective Equipment (PPE) (gowns, gloves, face shields, etc.)	\$800	\$800
Varies	Animal Industry and Breed Resources	\$500	\$500
Varies	Floral Supplies (flowers, mechanical tools, design products, etc.)	\$500	\$500
Varies	Grading Resources for Meats, Vegetables, and Grains	\$500	\$500
Varies	Plant Propagation Supplies (soil, pots, tools, seeds, etc.)	\$500	\$500
Varies	Computer Accessories (cases, covers, etc.) (optional)	\$500	\$500
Varies	Reproductive Equipment (tanks, straws, thermos, etc.)	\$400	\$400
Varies	Meat Product Educational Resources	\$300	\$300
Varies	Animal Restraint Equipment (halters, tie-downs, snares, etc.)	\$300	\$300
Varies	Feed and Supplement Samples	\$200	\$200
Varies	Medication Equipment (syringes, needles, drenches, balling guns, etc.)	\$200	\$200
Varies	Feed Testing Equipment (small scales, burners, samples, etc.)	\$200	\$200
Varies	Animal Charts and Posters	\$200	\$200
Varies	Parasite Collections	\$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	\$16,480
PROGRAM EQUIPMENT	\$30,600
INSTRUCTIONAL MATERIALS	\$3,000
INSTRUCTIONAL SUPPLIES	\$16,800
OTHER	\$300
ESTIMATED PROGRAM TOTAL	\$67,180