

## Alabama CTE Equipment List

This list is based on a classroom size of 25 students and meets minimum standards. All costs are estimated. No specific equipment vendor or brand names are endorsed, 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 AFNR Middle School program and are not meant to dictate the number of students that can safely fit in a classroom and/or laboratory.

**Cluster: Agriculture, Food, and Natural Resources**  
**Program: Middle School**

**CLASSROOM EQUIPMENT**

TOTAL: \$2,300

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
1	Computer with Current Operating System	\$500-\$1,000	\$500
1	Laser Printer, color	\$500	\$500
1	Teacher/Student Workstation – to include one large table or smaller tables, chairs, or a different type of seating area	\$800	\$800
1	Technology- TV/Computer connection with video streaming capability	\$500	\$500

**PROGRAM EQUIPMENT (Items over \$250)**

TOTAL: \$6,200

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
1	Blueprint or Diazo Machine and/or Photocopier	\$2,500	\$2,500
1	Drill press, 15", variable speed	\$1,400	\$1,400
1	Saw, Compound Miter	\$600	\$600
1	Saw, Scroll	\$350	\$350
1	Two-Cycle Training Engine	\$350	\$350
2	Work bench, wooden	\$500	\$1,000

**INSTRUCTIONAL SUPPLIES (Items under \$250)**

TOTAL: \$11,828

QUANTITY	ITEM DESCRIPTION	UNIT	TOTAL
1	Allen wrench set (metric & standard)	\$40	\$40
25	Automatic and/or Mechanical Pencils	\$2	50
1	Bench Vise, 6" or larger	\$150	\$150
1	Blade balancer	\$25	\$25
10	Brushes, Paint	\$10	\$100
10	Bypass pruner	\$20	\$200
10	Calculator	\$5	50
2	Chalk line	\$20	\$40
2	Chisel, Wood Set	\$35	\$70
2	Clamps, assorted (metal/wood)	\$25	\$50

1	Countersink bit set	\$10	\$10
10	Drafting tool kit	\$60	\$600
1	Drill bit set, metal/wood	\$50	\$50
1	Drill, portable power, variable speed, reversible	\$200	\$200
10	Erasers (Pencil, Ink, and Plastic	\$5	50
2	Extension Cord, 12/3, 25'-100',	\$80	\$160
1	Feeler gauge set	\$25	\$25
1	File assortment	\$40	\$40
1	First aid kit	\$35	\$35
1	Hacksaw	\$20	\$20
2	Hammer, Ball Pein, (16-32 oz.)	\$17	\$34
5	Hammer, Claw	\$30	\$150
1	Hammer, Dead Blow	\$50	\$50
1	Hammer, Soft Face	\$25	\$25
2	Hand plane	\$25	\$50
5	Handsaw	\$25	\$125
5	Hedge shears	\$35	\$175
3	Level (12" to 48")	\$25	\$75
5	Loping shears, heavy duty	\$30	\$150
2	Mallet, Wooden	\$25	\$50
1	Nail sets	\$10	\$10
1	Nut Driver Set (Metric)	\$65	\$65
1	Nut Driver Set (Standard)	\$65	\$65
1	PH meter	\$60	\$60
5	Plier, multi-purpose groove joint	\$20	\$100
5	Pliers, combination slip joint	\$20	\$100
5	Pliers, diagonal cutting	\$15	\$75
5	Pliers, lineman side cutting	\$10	\$50
5	Pliers, Locking	\$15	\$75
1	Portable power sander	\$100	\$100
5	Pruning shears	\$20	\$100
1	Punch, Center	\$6	\$6
5	Rake, flathead	\$35	\$175
5	Rake, spring back lawn	\$18	\$90
1	Router	\$150	\$150
1	Router bit set	\$200	\$200
1	Ruler, Masonry Folding-6'	\$20	\$20
30	Safety Glasses/Goggles (per student)	\$8	\$240
1	Saw, Jig, variable speed	\$100	\$100
10	Scissors	\$12	120
2	Screwdriver, assorted	\$25	\$50
5	Shovel, round point	\$40	\$200
5	Shovel, square point	\$40	\$200
1	Small engine tool kit (Flywheel Puller, Flywheel Holder, Starter, Clutch Wrenches, Valve Spring Compressor, Rewind Starter Tools, Spark Tester)	\$125	\$125

1	Socket set, English	\$60	\$60
1	Socket set, Metric	\$60	\$60
1	Soil probe	\$55	\$55
1	Soil Test Kit	\$20	\$20
1	Spark Plug Gauge	\$5	\$5
3	Square, Combination	\$10	\$30
3	Square, Framing	\$15	\$45
5	Square, Speed or Try	\$10	\$50
5	Tape Measure (16'-50')	\$14	\$70
1	Tape, Measure (100')	\$25	\$25
1	Torque Wrench ½"	\$40	\$40
1	Wheelbarrow	\$200	\$200
1	Whiteboard with Markers	\$175	175
3	Wire strippers	\$17	\$51
1	Wood bits, Power set	\$15	\$15
1	Wood Rasp Set	\$12	\$12
2	Wrench, Adjustable Set (6", 8", 10", 12")	\$25	\$50
1	Wrench, Combination Set (English & Metric)	\$120	\$120

**Category Totals:**

Classroom Equipment	\$2,300
Program Equipment	\$6,200
Instructional Supplies	\$11,828
<b>Estimated Program Total</b>	<b>\$20,328</b>