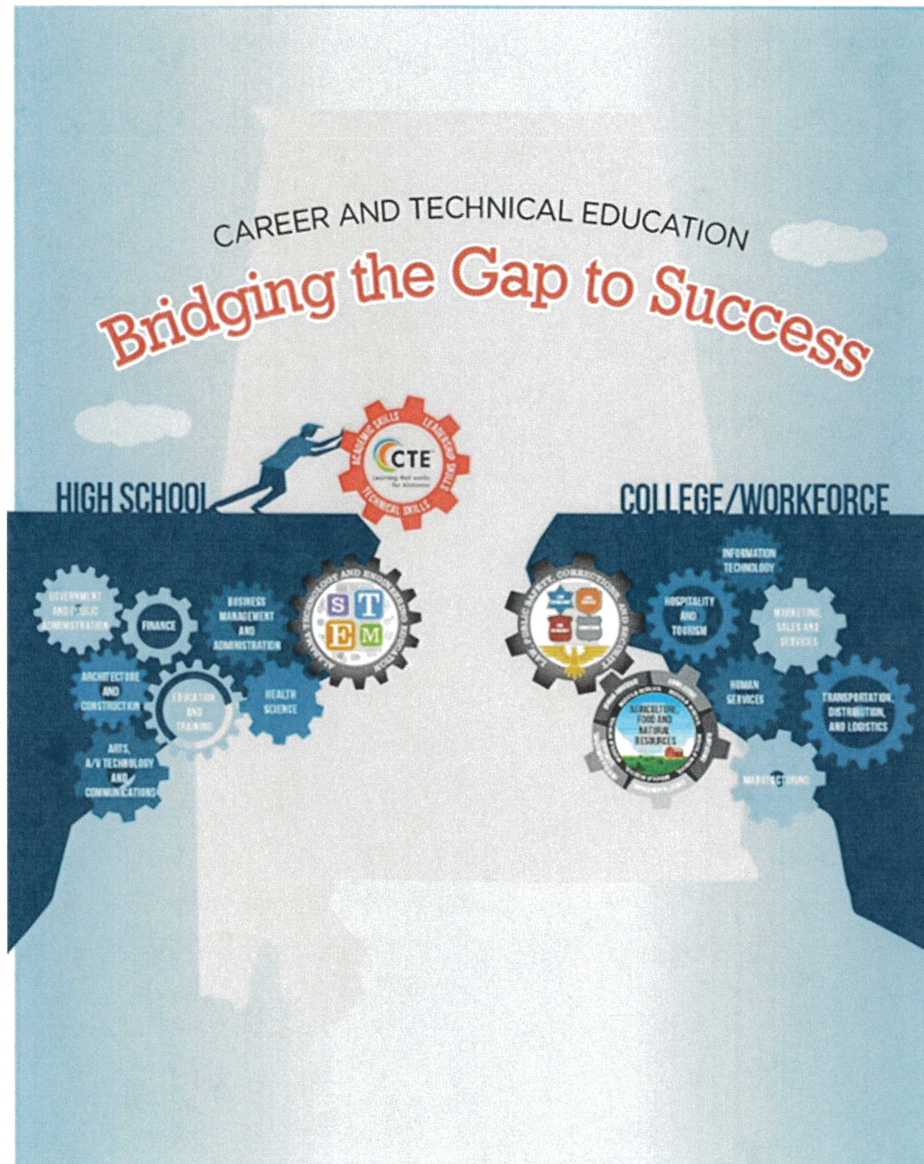


# 2020 Alabama Equipment List

## Career and Technical Education



Eric G. Mackey, State Superintendent of Education  
Alabama State Department of Education

# **2020 Alabama Equipment List:**

## **Agriculture, Food and Natural Resources**

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# AFNR Programs Startup Cost

Program	Number of Equipment Items Needed	Minimum Total Cost of all Equipment
Middle School	79	\$10,303
General Agriscience	221	\$48,620
Animal Science	138	\$36,296
Environmental and natural Resources	123	\$15,977
Industrial Agriscience	192	\$34,650
Plant Science	144	\$44,660



# AFNR MIDDLE SCHOOL Equipment List

Equipment	Replacement Value
Allen wrench set (metric & standard)	\$40
Automatic and/or Mechanical Pencils	\$25
Bench Vise, 6" or larger	\$150
Blade balancer	\$25
Blueprint or Diazzo Machine and/or Photocopier	\$2,500
Brushes, Paint	\$10
Bypass pruner	\$20
Calculator	\$5
Chalk line	\$20
Chisel, Wood Set	\$35
Clamps, assorted (metal/wood)	\$25
Computer Tables w/ workspace	\$200
Computer, internet, & software	\$1,000
Countersink bit set	\$10
Drafting tool kit	\$60
Drill bit set, metal/wood	\$50
Drill press, 15", variable speed	\$1,400
Drill, portable power, variable speed, reversible	\$200
Erasers (Pencil, Ink, and Plastic	\$5
Extension Cord, 12/3, 25'-100',	\$80
Feeler gauge set	\$25
File assortment	\$40
First aid kit	\$35
Hacksaw	\$20
Hammer, Ball Pein, (16-32 oz.)	\$17

Equipment	Replacement Value
Hammer, Claw	\$30
Hammer, Dead Blow	\$50
Hammer, Soft Face	\$25
Hand plane	\$25
Handsaw	\$25
Hedge shears	\$35
Level (12" to 48")	\$25
Loping shears, heavy duty	\$30
Mallet, Wooden	\$25
Nail sets	\$10
Nut Driver Set (Metric)	\$65
Nut Driver Set (Standard)	\$65
PH meter	\$60
Plier, multi-purpose groove joint	\$20
Pliers, combination slip joint	\$20
Pliers, diagonal cutting	\$15
Pliers, lineman side cutting	\$10
Pliers, Locking	\$15
Portable power sander	\$100
Printer, Network or Dedicated	\$250
Pruning shears	\$20
Punch, Center	\$6
Rake, flathead	\$35
Rake, spring back lawn	\$18
Router	\$150



# AFNR MIDDLE SCHOOL Equipment List

Equipment	Replacement Value
Router bit set	\$200
Ruler, Masonry Folding-6'	\$20
Safety Glasses/Goggles (per student)	\$8
Saw, Compound Miter	\$600
Saw, Jig, variable speed	\$100
Saw, Scroll	\$350
Scissors	\$12
Screwdriver, assorted	\$25
Shovel, round point	\$40
Shovel, square point	\$40
Small engine tool kit (Flywheel Puller, Flywheel Holder, Starter, Clutch Wrenches, Valve Spring Compressor, Rewind Starter Tools, Spark Tester)	\$125
Socket set, English	\$60
Socket set, Metric	\$60
Soil probe	\$55
Soil Test Kit	\$20
Spark Plug Gauge	\$5
Square, Combination	\$10
Square, Framing	\$15
Square, Speed or Try	\$10
Tape Measure (16'-50')	\$14
Tape, Measure (100')	\$25
Torque Wrench ½"	\$40
Two-Cycle Training Engine	\$350

Equipment	Replacement Value
Wheelbarrow	\$200
Whiteboard with Markers	\$175
Wire strippers	\$17
Wood bits, Power set	\$15
Wood Rasp Set	\$12
Work bench, wooden	\$500
Wrench, Adjustable Set (6", 8", 10", 12")	\$25
Wrench, Combination Set (English & Metric)	\$120
<p><b><u>Notes:</u></b></p>	



# AFNR GENERAL AGRISCIENCE Equipment List

Equipment	Replacement Value
Air Chisel with Punch and Chisel Attachments	\$150
Air compressor	\$1,600
Air Die Grinder with Bits	\$150
Air Hose, 50'	\$50
Air regulator	\$50
Allen wrench set (metric & standard)	\$40
Angle grinder	\$100
Anvil pruner shear	\$30
Arc welder	\$400
Automatic and/or Mechanical Pencils	\$25
Bench Vise, 6" or larger	\$150
Bit Driver Set (Hex or Allen and Torx)	\$50
Blade, 14" Diamond Tip	\$150
Blade, Abrasive	\$15
Block and tackle	\$100
Block Plane	\$45.00
Blueprint or Diazzo Machine and/or Photocopier	\$2,500
Braided Line, 500'	\$10
Brush cutter	\$25
Automatic and/or Mechanical Pencils	\$25
Bench Vise, 6" or larger	\$150
Bit Driver Set (Hex or Allen and Torx)	\$50
Blade, 14" Diamond Tip	\$150

Equipment	Replacement Value
Blade, Abrasive	\$15
Block and tackle	\$100
Block Plane	\$45.00
Blueprint or Diazzo Machine and/or Photocopier	\$2,500
Braided Line, 500'	\$10
Brush cutter	\$25
Brushes, Paint	\$10
Builder's level or Transit with rod & tripod	\$600
Bypass pruner	\$20
CAD Software	\$1,500
Calculator	\$5
Caliper set	\$40
Cat Paw Nail Digger	\$25
C-clamps (4, 6, 8, 10, 12 in.)	\$10
Chalk line	\$20
Chisel, Wood Set	\$35
Clamps, assorted (metal/wood)	\$25
Clamps, Bar	\$20
Cold chisels, assorted	\$20
Computer Table w/ Additional Workspace and Chair	\$200
Computer, appropriate software & equipment/internet access	\$1,000
Countersink bit set	\$10
Desoldering Kit	\$200

# AFNR GENERAL AGRISCIENCE Equipment List

Equipment	Replacement Value
DNA Extraction Kit (Fruit)	\$75
Drafting tool kit	\$60
Drill bit set, metal/wood	\$50
Drill Bits, Masonry Carbide	\$50
Drill press vise	\$150
Drill press, 15", variable speed	\$1,400
Drill, ½" Hammer	\$250
Drill, 3/8" Air	\$150
Drill, portable power, variable speed, reversible	\$200
Drywall Handsaw	\$35
Drywall Hole Saw	\$15
Drywall Screw Drill	\$100
Erasers (Pencil, Ink, and Plastic	\$5
Extension Cord, 12/3, 25'-100', Grounded	\$80
Feeler gauge set	\$25
File assortment	\$40
First aid kit	\$35
Flaring tool set	\$65
Flask, 500ml	\$10
Flat File, 10 drawers	\$1,300
Floral Snips	\$12
Four-Stroke Training Engine	\$250
Garden hoe	\$35
Garden trowel	\$20

Equipment	Replacement Value
GPS equipment (with GIS Capabilities)	\$600
Graduated Cylinder (500ml)	\$20
Gram scale electronic balance	\$150
Grinder, Pedestal or Portable	\$200
Hacksaw	\$20
Hammer, Ball Pein, (16-32 oz.)	\$17
Hammer, Chipping	\$10
Hammer, Claw	\$30
Hammer, Dead Blow	\$50
Hammer, Roofing	\$25
Hammer, Sledge	\$35
Hammer, Soft Face	\$25
Hand plane	\$25
Handsaw	\$25
Hard hat (per student)	\$20
Hole Saw Set for Drill (Wood)	\$30
Hot glue guns	\$20
Knock Out Punch Set	\$100
Ladder (6'-14' Step)	\$100
Level (12" to 48")	\$25
Level, Torpedo	\$20
Loping shears, heavy duty	\$30
Machinist vise	\$150
Magnetic Pick-up Tool	\$20



# AFNR GENERAL AGRISCIENCE Equipment List

Equipment	Replacement Value
Microcentrifuge	\$250
Microcentrifuge Tubes (50)	\$100
Microscope	\$300
Microscope Accessory Kit	\$150
Microwave	\$100
Mig welder, 110-120v	\$1,000
Mig welder, 220v	\$1,500
Multimeter, Digital, Overload Protected	\$150
Nail sets	\$10
Nut Driver Set (Metric)	\$65
Nut Driver Set (Standard)	\$65
Oxyacetylene welding/cutting outfit	\$350
PH meter	\$60
Photo Electric Cell Fixture and Light	\$70
Pipe cutter	\$35
Pipe die set	\$300
Pipe reamer	\$20
Pipe vise (fixed or portable)	\$375
Pipe wrench	\$30
Planer	\$2,400
Plasma Arc Cutter	\$900
Plier, multi-purpose groove joint	\$20
Pliers, combination slip joint	\$20

Equipment	Replacement Value
Pliers, diagonal cutting	\$15
Pliers, lineman side cutting	\$10
Pliers, Locking	\$15
Pliers, long needle nose side cutting	\$10
Plotter, Network	\$1,000
Plumb Bob	\$12
Pneumatic finish nail gun	\$400
Pneumatic framing nail gun	\$400
Pneumatic stapler	\$200
Pole saw	\$50
Portable belt sander	\$150
Portable circular saw	\$100
Portable power sander	\$100
Post hole digger	\$50
Pressure Washer	\$350
Printer, Network or Dedicated	\$250
Propane torch kits	\$35
Pruning saw	\$25
Pruning shears	\$20
Pry Bar	\$19
Punch Set	\$50
Punch, Center	\$6
PVC cutter	\$50



# AFNR GENERAL AGRISCIENCE Equipment List

Equipment	Replacement Value
Rake, flathead	\$35
Rake, spring back lawn	\$18
Ratchet, 3/8" Air Drive	\$100
Reamer, Ridge (1 1/2"-5")	\$60
Ring Compressor (4 Small-2 Large)	\$20
Ring Expander or Installer Set	\$20
Ring Groove Cleaner	\$28
Rivet tool	\$30
Router	\$150
Router bit set	\$200
Router cabinet door template system	\$800
Router door and jamb hinge template	\$150
Router dovetail kit	\$100
Ruler, Masonry Folding-6'	\$20
Safety Glasses/Goggles (per student)	\$8
Safety Snap Hooks	\$15
Saw, Band, 14" or larger	\$1,700
Saw, Compound Miter	\$600
Saw, Jig, variable speed	\$100
Saw, Metal Chop	\$300
Saw, Reciprocating	\$150
Saw, Scroll	\$350
Saw, Table, 10" minimum	\$3,500

Equipment	Replacement Value
Scale, 2# capacity	\$50
Scissors	\$12
Screwdriver, assorted + & -	\$25
Service Entrance Panel (200 amp with 100 amp main and breakers)	\$400
Shovel, round point	\$40
Shovel, square point	\$40
Shop Vac - Wet	\$150
Single Phase Transformer Trainer	\$1,000
Siphon mixer (w/ backflow preventer)	\$32
Sled Runner, Round Convex	\$9
Sling set	\$200
Small engine tool kit (Flywheel Puller, Flywheel Holder, Starter, Clutch Wrenches, Valve Spring Compressor, Rewind Starter Tools, Spark Tester)	\$125
Socket set, English	\$60
Socket set, Metric	\$60
Soil probe	\$55
Soil Test Kit	\$20
Soldering Gun (100-140w)	\$50
Soldering Irons (40w)	\$15
Spade, long blade transplanting	\$60
Spark Plug Gauge	\$5
Spark Plug Thread Chaser	\$12
Sprayer, 3 gallons	\$35
Square, Combination	\$10

# AFNR GENERAL AGRISCIENCE Equipment List

Equipment	Replacement Value
Square, Framing	\$15
Square, Speed or Try	\$10
Square, T – 4'	\$18
Tap & die set (Standard & Metric)	\$300
Tape Measure (16'-50')	\$14
Tape, Measure (100')	\$25
Telescoping Gauge (1 ½" – 5")	\$40
Tiller, Rotary	\$1,000
Timing Light	\$90
Tin snips set (left, right, center)	\$30
Torque Wrench ½"	\$40
Torque Wrench, Inch-Pound (Click-Type or needle Type) 3/8"	\$40
Tree scale stick (Biltmore)	\$15
Triangle, 30/60 degrees and 45 degrees	\$5
Triangular Scales (Architect, Civil Engineer, Metric)	\$15
Tubes, Bacteriological Culture (15ml)	\$3
Two-Cycle Training Engine	\$350
Valve seat cutter kit	\$550
Vise clamps	\$14
VOM, multi tester/clamp on current tester	\$150
Water hose 100'	\$300
Water quality test kit (LaMotte 363302)	\$300
Water wand	\$25

Equipment	Replacement Value
Welding gloves (pairs)	\$20
Welding helmet with lenses rated for Mig/Tig	\$150
Welding table	\$250
Welding/Cutting goggles	\$15
Wheelbarrow	\$200
Whiteboard with Markers	\$175
Wire Brush	\$5
Wire Cup Brush for Drill	\$8
Wire strippers	\$17
Wood bits, Power set	\$15
Wood Rasp Set	\$12
Work bench, wooden	\$500
Wrench, Adjustable Set (6", 8", 10", 12")	\$25
Wrench, Combination Set (English & Metric)	\$120
<b>Notes:</b>	



# AFNR ANIMAL SCIENCE Equipment List

Equipment	Replacement Value
Air compressor	\$1,600
Air Hose, 50'	\$50
Air Regulator	\$50
Allen wrench set (metric & standard)	\$40
Angle grinder	\$100
Anvil pruner shear	\$30
Aquaculture tank kit/heater, filter, pump, feeder, etc.-150 to 350 gallons	\$6,000
Aquarium kit/heater, filter, pump, feeder, etc.-20 to 100 gallons	\$1,000
Arc welder	\$400
Automatic and/or Mechanical Pencils	\$25
Block and tackle	\$100
Bench Vise, 6" or larger	\$150
Bit Driver Set (Hex or Allen and Torx)	\$50
Blueprint or Diazzo Machine and/or Photocopier	\$2,500
Brushes, Paint	\$10
Builder's level or Transit with rod & tripod	\$600
Calculator	\$5
Builder's level or Transit with rod & tripod	\$600
Caliper set	\$40
Cat Paw Nail Digger	\$25
Chalk line	\$20
Chisel, Wood Set	\$35
Clamps, assorted (metal/wood)	\$25
C-clamps (4, 6, 8, 10, 12 in.)	\$10

Equipment	Replacement Value
Clamps, Bar	\$20
Cold chisels, assorted	\$20
Countersink bit set	\$10
Computer Table w/ Additional Workspace and Chair	\$200
Computer, software & internet	\$1,000
Drill Bits, Masonry Carbide	\$50
Drill bit set, metal/wood	\$50
Drill press, 15", variable speed	\$1,400
Drill, ½" Hammer	\$250
Drill, portable power, variable speed, reversible	\$200
Erasers (Pencil, Ink, and Plastic	\$5
Extension Cord, 12/3, 25'-100', Grounded	\$80
Feeler gauge set	\$25
File assortment	\$40
First aid kit	\$35
Flask, 500ml	\$10
Flat File, 10 drawers	\$1,300
Four-Stroke Training Engine	\$250
Garden hoe	\$35
Graduated Cylinder (500ml)	\$20
Gram scale electronic balance (1gram-4 pounds)	\$150
Hacksaw	\$20
Hammer, Chipping	\$10
Hammer, Claw	\$30



# AFNR ANIMAL SCIENCE Equipment List

Equipment	Replacement Value
Hammer, Dead Blow	\$50
Hammer, Sledge	\$35
Hammer, Ball Pein, (16-32 oz.)	\$17
Hand plane	\$25
Handsaw	\$25
Hanging Scales	\$100
Hard hat (per student)	\$20
Hole Saw Set for Drill (Wood)	\$30
Hot glue guns	\$20
Ladder (6'-14' Step)	\$100
Level (12" to 48")	\$25
Level, Torpedo	\$20
Mallet, Wooden	\$25
Microscope	\$300
Microscope Accessory Kit	\$150
Mig welder, 110-120v	\$1,500
Mig welder, 220v	\$150
Multimeter, Digital, Overload Protected	\$10
Nail sets	\$65
Nut Driver Set (Metric)	\$65
Nut Driver Set (Standard)	\$65
Oxyacetylene welding/cutting outfit	\$150
PH meter	\$60
Pipe wrench	\$20

Equipment	Replacement Value
Planer	\$2,400
Plier, multi-purpose groove joint	\$20
Pliers, combination slip joint	\$20
Pliers, diagonal cutting	\$15
Pliers, lineman side cutting	\$10
Pliers, Locking	\$15
Pliers, long needle nose side cutting	\$10
Plumb Bob	\$20
Pneumatic finish nail gun	\$400
Pneumatic framing nail gun	\$400
Portable belt sander	\$100
Portable circular saw	\$100
Portable power sander	\$100
Post hole digger	\$25
Pressure Washer	\$350
Printer, Network or Dedicated	\$250
Propane torch kits	\$35
Punch Set	\$50
Punch, Center	\$6
PVC cutter	\$50
Rake, flathead	\$35
Rake, spring back lawn	\$25
Router	\$200
Router bit set	\$200

# AFNR ANIMAL SCIENCE Equipment List

Equipment	Replacement Value
Safety Glasses/Goggles (per student)	\$8
Saw, Band, 14" or larger	\$1,700
Saw, Compound Miter	\$600
Saw, Jig, variable speed	\$150
Saw, Metal Chop	\$350
Saw, Reciprocating	\$150
Saw, Table, 10" minimum	\$3,500
Scissors	\$12
Screwdriver, assorted + & -	\$25
Shovel, round point	\$40
Shovel, square point	\$40
Shop Vac - Wet	\$150
Siphon mixer (w/ backflow preventer)	\$32
Socket set, English	\$60
Socket set, Metric	\$60
Soil Test Kit	\$20
Soldering Gun (100-140w)	\$60
Soldering Irons (40w)	\$15
Spark Plug Gauge	\$15
Sprayer, 3 gallons	\$80
Square, Combination	\$15
Square, Framing	\$15
Square, Speed or Try	\$15

Equipment	Replacement Value
Tap & die set (Standard & Metric)	\$300
Tape Measure (16'-50')	\$14
Tape, Measure (100')	\$25
Tin snips set (left, right, center)	\$30
Torque Wrench, Inch-Pound (Click-Type or needle Type) 3/8"	\$50
Tubes, Bacteriological Culture (15ml)	\$3
Vise clamps	\$14
VOM, multi tester/clamp on current tester	\$150
Water hose 100'	\$300
Water quality test kit (LaMotte 363302)	\$300
Welding gloves (pairs)	\$25
Welding helmet with lenses rated for Mig/Tig	\$150
Welding table	\$250
Welding/Cutting goggles	\$20
Wheelbarrow	\$200
Whiteboard with Markers	\$175
Wire Brush	\$5
Wire strippers	\$20
Wood bits, Power set	\$20
Work bench, wooden	\$500
Wrench, Adjustable Set (6", 8", 10", 12")	\$25
Wrench, Combination Set (English & Metric)	\$120



# AFNR Envir & Natural Res Equipment List

Equipment	Replacement Value
Air compressor	\$1,600
Air Hose, 50'	\$50
Allen wrench set (metric & standard)	\$40
Angle grinder	\$100
Anvil pruner shear	\$30
Ascenders	\$100
Automatic and/or Mechanical Pencils	\$25
Axe	\$75
Bench Vise, 6" or larger	\$150
Bit Driver Set (Hex or Allen and Torx)	\$50
Blueprint or Diazzo Machine and/or Photocopier	\$2,500
Bow saw	\$20
Brush cutter	\$25
Brushes, Paint	\$10
Bypass pruner	\$20
Calculator	\$5
Carabiner set	\$60
C-clamps (4, 6, 8, 10, 12 in.)	\$10
Chain saw	\$400
Chemical facial respirator (for protection against harmful dust, sprays, pesticide vapors)	\$175
Chisel, Wood Set	\$35
Clamps, assorted (metal/wood)	\$25
Clamps, Bar	\$20

Equipment	Replacement Value
Climbing rope	\$130
Clinometer	\$150
Compass, mirror-sighting, Azimuth	\$20
Compass, staff	\$650
Computer Table w/ Additional Workspace and Chair	\$200
Computer, appropriate software & equipment/internet access	\$1,000
Countersink bit set	\$10
Diameter Tape, Tree	45
DNA Extraction Kit (Fruit)	\$75
Drill press, 15", variable speed	\$1,400
Drill bit set, metal/wood	\$50
Drill, portable power, variable speed, reversible	\$200
Electric Chainsaw Sharpener	\$100
Erasers (Pencil, Ink, and Plastic	\$5
Extension Cord, 12/3, 25'-100', Grounded	\$80
Fertilizer spreader	\$75
Figure-eight descenders	\$15
File assortment	\$40
First aid kit	\$35
Flask, 500ml	\$10
Flat File, 10 drawers	\$1,300
Floral Snips	\$12
Garden hoe	\$35



# AFNR Envir & Natural Res Equipment List

Equipment	Replacement Value
Garden trowel	\$15
GPS equipment (with GIS capabilities)	\$600
Graduated Cylinder (500ml)	\$20
Gram scale electronic balance (1gram-4 pounds)	\$150
Hacksaw	\$20
Handsaw	\$25
Hard hat (per student)	\$20
Hedge shears	\$35
Hot glue guns	\$20
Hypsometer	\$450
Knock Out Punch Set	\$100
Ladder (6'-14' Step)	\$100
Ladder, 24' Extension	\$200
Lanyard	\$60
Loping shears, heavy duty	\$30
Magnetic Pick-up Tool	\$20
Microcentrifuge	\$250
Microcentrifuge Tubes (50)	\$100
Microscope	\$300
Microscope Accessory Kit	\$150
Nut Driver Set (Metric)	\$65
Nut Driver Set (Standard)	\$65
PH meter	\$60

Equipment	Replacement Value
Plier, multi-purpose groove joint	\$20
Pliers, combination slip joint	\$20
Pliers, diagonal cutting	\$15
Pliers, lineman side cutting	\$10
Pliers, Locking	\$15
Pliers, long needle nose side cutting	\$10
Pipe wrench	\$30
Pole saw	\$50
Printer, Network or Dedicated	\$250
Propane torch kits	\$35
Pruning saw	\$25
Pruning shears	\$20
Punch Set	\$50
Punch, Center	\$6
PVC cutter	\$50
Rake, flathead	\$35
Rake, spring back lawn	\$18
Safety Glasses/Goggles (per student)	\$8
Safety Snap Hooks	\$15
Saw, Band, 14" or larger	\$1,700
Saw, Compound Miter	\$600
Saw, Jig, variable speed	\$100
Saw, Scroll	\$350

# AFNR Envir & Natural Res Equipment List

Equipment	Replacement Value
Scale, 2# capacity	\$50
Scissors	\$12
Screwdriver, assorted + & -	\$25
Shovel, round point	\$40
Shovel, square point	\$40
Siphon mixer (w/ backflow preventer)	\$32
Sling set	\$200
Socket set, English	\$60
Socket set, Metric	\$60
Soil probe	\$55
Soil Test Kit	\$20
Spade, long blade transplanting	\$60
Sprayer, 3 gallons	\$35
Square, Combination	\$10
Square, Framing	\$15
Square, Speed or Try	\$10
Tap & die set (Standard & Metric)	\$300
Tape Measure (16'-50')	\$14
Tape, Measure (100')	\$25
Tiller, Rotary	\$1,000
Tin snips set (left, right, center)	\$30
Tree scale stick (Biltmore)	\$15

Equipment	Replacement Value
Tubes, Bacteriological Culture (15ml)	\$3
Vise clamps	\$14
VOM, multi tester/clamp on current tester	\$150
Water hose 100'	\$300
Water quality test kit (LaMotte 363302)	\$300
Wheelbarrow	\$200
Whiteboard with Markers	\$175
Work bench, wooden	\$500
Wrench, Adjustable Set (6", 8", 10", 12")	\$25
Vise clamps	\$14
VOM, multi tester/clamp on current tester	\$150
Water hose 100'	\$300
Water quality test kit (LaMotte 363302)	\$300
Wrench, Combination Set (English & Metric)	\$120
Vise clamps	\$14
VOM, multi tester/clamp on current tester	\$150
Water hose 100'	\$300
Wheelbarrow	\$200
Whiteboard with Markers	\$175
Work bench, wooden	\$500
Wrench, Adjustable Set (6", 8", 10", 12")	\$25



# AFNR Industrial Agriscience Equipment List

Equipment	Replacement Value
Air Chisel with Punch and Chisel Attachments	\$150
Air compressor	\$1,600
Air Die Grinder with Bits	\$150
Air Hose, 50'	\$50
Air regulator	\$50
Allen wrench set (metric & standard)	\$40
Amp Probes (Clamp-on)	\$200
Angle grinder	\$100
Arc welder	\$400
Automatic and/or Mechanical Pencils	\$25
Bench Vise, 6" or larger	\$150
Bit Driver Set (Hex or Allen and Torx)	\$50
Blade balancer	\$25
Blade, 14" Diamond Tip	\$150
Blade, Abrasive	\$15
Block and tackle	\$100
Block, 4" Concrete	\$1.50
Block, 6" Concrete	\$1.50
Block, 8" Concrete	\$1.50
Block Plane	\$45.00
Blueprint or Diazzo Machine and/or Photocopier	\$2,500
Braided Line, 500'	\$10
Brick Set (4")	\$20

Equipment	Replacement Value
Brick, Half	\$0.20
Brick, Hollow	\$0.35
Brushes, Paint	\$10
Builder's level or Transit with rod & tripod	\$600
CAD Software	\$1,500
Calculator	\$5
Caliper set	\$40
Cat Paw Nail Digger	\$25
C-clamps (4, 6, 8, 10, 12 in.)	\$10
Chaining pin sets	\$25
Chalk line	\$20
Chisel, Wood Set	\$35
Clamps, assorted (metal/wood)	\$25
Clamps, Bar	\$20
Cold chisels, assorted	\$20
Commercial 2 cycle gasoline engine nylon trimmer	\$300
Compression Gauge with Adapters for Various Engines	\$25
Computer Table w/ Additional Workspace and Chair	\$200
Computer, appropriate software & equipment/internet access	\$1,000
Convex Jointer, Heavy Duty	\$10
Countersink bit set	\$10
Cylinder Hone (1" – 3")	\$25
Cylinder Hone (3" – 5")	\$25

# AFNR Industrial Agriscience Equipment List

Equipment	Replacement Value
Desoldering Kit	\$200
Dial or Digital Caliper (metric)	\$40
Dial or Digital Caliper (standard)	\$40
Drafting tool kit	\$60
Drill bit set, metal/wood	\$50
Drill Bits, Masonry Carbide	\$50
Drill press vise	\$150
Drill press, 15", variable speed	\$1,400
Drill, ½" Hammer	\$250
Drill, ½" Right Angle	\$200
Drill, 3/8" Air	\$150
Drill, portable power, variable speed, reversible	\$200
Drywall Hammer	\$30
Drywall Handsaw	\$35
Drywall Hole Saw	\$15
Drywall Screw Drill	\$100
Electric Chainsaw Sharpener	\$100
Electrician's Knives	\$25
Engine RPM Tachometer	\$75
Erasers (Pencil, Ink, and Plastic	\$5
Expansion Bit	\$30
Extension Cord, 12/3, 25'-100', Grounded	\$80
Feeler gauge set	\$25

Equipment	Replacement Value
File assortment	\$40
First aid kit	\$35
Fish Tape, 100'	\$25
Flaring tool set	\$65
Flat File, 10 drawers	\$1,300
Four-Stroke Training Engine	\$250
Fuse Puller	\$30
Garden hoe	\$35
Gasket Scraper	\$15
Grease Gun, Hand Operated	\$50
Grinder, Pedestal or Portable	\$200
Hacksaw	\$20
Hammer, Ball Pein, (16-32 oz.)	\$17
Hammer, Chipping	\$10
Hammer, Claw	\$30
Hammer, Dead Blow	\$50
Hammer, Roofing	\$25
Hammer, Sledge	\$35
Hammer, Soft Face	\$25
Hand Jointer V	\$15
Hand plane	\$25
Handsaw	\$25
Hard hat (per student)	\$20



# AFNR Industrial Agriscience Equipment List

Equipment	Replacement Value
Hole Saw Set for Drill (Wood)	\$30
Impact Gun, 1/2" Air Drive	\$250
Impact Gun, 3/8" Air Drive	\$200
Increment borer	\$225
Joint Raker	\$15
Knock Out Punch Set	\$100
Ladder (6'-14' Step)	\$100
Ladder, 24' Extension	\$200
Level (12" to 48")	\$25
Level, Mason's	\$60
Level, Torpedo	\$20
Line Block	\$5
Low Voltage System/Bell/Chimes, Transformer, Push Buttons	\$50
Machinist vise	\$150
Magnetic Pick-up Tool	\$20
Mallet, Wooden	\$25
Micrometer Set (0.001" – 5")	\$100
Mig welder, 110-120v	\$1,000
Mig welder, 220v	\$1,500
Multimeter, Digital, Overload Protected	\$150
Nail sets	\$10
Nut Driver Set (Metric)	\$65
Nut Driver Set (Standard)	\$65

Equipment	Replacement Value
Oxyacetylene welding/cutting outfit	\$350
Parts Washer with Brush	\$150
Photo Electric Cell Fixture and Light	\$70
Pipe cutter	\$35
Pipe die set	\$300
Pipe reamer	\$20
Pipe vise (fixed or portable)	\$375
Pipe wrench	\$30
Planer	\$2,400
Plasma Arc Cutter	\$900
Plier, multi-purpose groove joint	\$20
Pliers, combination slip joint	\$20
Pliers, diagonal cutting	\$15
Pliers, lineman side cutting	\$10
Pliers, Locking	\$15
Pliers, long needle nose side cutting	\$10
Plugging Chisel	\$18
Plumb Bob	\$12
Pneumatic finish nail gun	\$400
Pneumatic framing nail gun	\$400
Pneumatic stapler	\$200
Portable belt sander	\$150
Portable circular saw	\$100

# AFNR Industrial Agriscience Equipment List

Equipment	Replacement Value
Portable power sander	\$100
Printer, Network or Dedicated	\$250
Propane torch kits	\$35
Pry Bar	\$19
Punch Set	\$50
Punch, Center	\$6
PVC cutter	\$50
Rake, flathead	\$35
Rake, spring back lawn	\$18
Ratchet, 3/8" Air Drive	\$100
Reamer, Ridge (1 1/2"-5")	\$60
Ring Compressor (4 Small-2 Large)	\$20
Ring Expander or Installer Set	\$20
Ring Groove Cleaner	\$28
Rivet tool	\$30
Router	\$150
Router bit set	\$200
Router cabinet door template system	\$800
Router door and jamb hinge template	\$150
Router dovetail kit	\$100
Ruler, Masonry Folding-6'	\$20
Safety Glasses/Goggles (per student)	\$8
Saw, Band, 14" or larger	\$1,700

Equipment	Replacement Value
Saw, Compound Miter	\$600
Saw, Jig, variable speed	\$100
Saw, Metal Chop	\$300
Saw, Reciprocating	\$150
Saw, Scroll	\$350
Saw, Table, 10" minimum	\$3,500
Scissors	\$12
Screwdriver, assorted + & -	\$25
Service Entrance Panel (200 amp with 100 amp main and breakers)	\$400
Shovel, round point	\$40
Shovel, square point	\$40
Single Phase Transformer Trainer	\$1,000
Sled Runner, Round Convex	\$9
Small engine tool kit (Flywheel Puller, Flywheel Holder, Starter, Clutch Wrenches, Valve Spring Compressor, Rewind Starter Tools, Spark Tester)	\$125
Socket set, English	\$60
Socket set, Metric	\$60
Soldering Gun (100-140w)	\$50
Soldering Irons (40w)	\$15
Spade, long blade transplanting	\$60
Spark Plug Gauge	\$5
Spark Plug Thread Chaser	\$12
Sprayer, 3 gallons	\$35
Square, Combination	\$10



# AFNR Industrial Agriscience Equipment List

Equipment	Replacement Value
Square, Framing	\$15
Square, Speed or Try	\$10
Square, T – 4’	\$18
Tap & die set (Standard & Metric)	\$300
Tape Measure (16’-50')	\$14
Tape, Measure (100’)	\$25
Telescoping Gauge (1 ½” – 5”)	\$40
Tiller, Rotary	\$1,000
Timing Light	\$90
Tin snips set (left, right, center)	\$30
Torque Wrench ½”	\$40
Torque Wrench, Inch-Pound (Click-Type or needle Type) 3/8”	\$40
Two-Cycle Training Engine	\$350
Valve seat cutter kit	\$550
Vise clamps	\$14
VOM, multi tester/clamp on current tester	\$150
Water hose 100'	\$300
Welding gloves (pairs)	\$20
Welding helmet with lenses rated for Mig/Tig	\$150
Welding table	\$250
Welding/Cutting goggles	\$15
Wheelbarrow	\$200
Whiteboard with Markers	\$175

Equipment	Replacement Value
Wire Brush	\$5
Wire Cup Brush for Drill	\$8
Wire strippers	\$17
Wood bits, Power set	\$15
Wood Rasp Set	\$12
Work bench, wooden	\$500
Wrench, Adjustable Set (6", 8", 10", 12")	\$25
Wrench, Combination Set (English & Metric)	\$120

# AFNR PLANT SCIENCE Equipment List

Equipment	Replacement Value
Air compressor	\$1,600
Air Hose, 50'	\$50
Allen wrench set (metric & standard)	\$40
Angle grinder	\$100
Anvil pruner shear	\$30
Architect's scale	\$15
Ascenders	\$100
Automatic and/or Mechanical Pencils	\$25
Axe	\$75
Bench Vise, 6" or larger	\$150
Bit Driver Set (Hex or Allen and Torx)	\$50
Blueprint or Diazzo Machine and/or Photocopier	\$2,500
Bow saw	\$20
Brush cutter	\$25
Brushes, Paint	\$10
Bypass pruner	\$20
Calculator	\$5
Carabiner set	\$60
Cat Paw Nail Digger	\$25
C-clamps (4, 6, 8, 10, 12 in.)	\$10
Chain saw	\$400
Chemical facial respirator (for protection against harmful dust, sprays, pesticide vapors)	\$175
Chisel, Wood Set	\$35

Equipment	Replacement Value
Circle Template	\$6
Clamps, assorted (metal/wood)	\$25
Clamps, Bar	\$20
Climbing rope	\$130
Clinometer	\$150
Compass, mirror-sighting, Azimuth	\$20
Compass, staff	\$650
Compasses, drafting (Bow, Beam, and Drop Bow)	\$40
Computer Table w/ Additional Workspace and Chair	\$200
Computer, appropriate software & equipment/internet access	\$1,000
Countersink bit set	\$10
Diameter Tape, Tree	\$45
DNA Extraction Kit (Fruit)	\$75
Drafting Brush	\$10
Drafting Tape	\$10
Drafting tool kit	\$60
Drill bit set, metal/wood	\$50
Drill press, 15", variable speed	\$1,400
Drill, portable power, variable speed, reversible	\$200
Electric Chainsaw Sharpener	\$100
Engineer's scale	\$25
Erasers (Pencil, Ink, and Plastic)	\$5
Erasing Shield	\$2



# AFNR PLANT SCIENCE Equipment List

Equipment	Replacement Value
Extension Cord, 12/3, 25'-100', Grounded	\$80
Fertilizer spreader	\$75
Figure-eight descenders	\$15
File assortment	\$40
First aid kit	\$35
Flask, 500ml	\$10
Flat File, 10 drawers	\$1,300
Floral Snips	\$12
Garden hoe	\$35
Garden trowel	\$15
GPS equipment (with GIS capabilities)	\$600
Graduated Cylinder (500ml)	\$20
Gram scale electronic balance (1gram-4 pounds)	\$150
Greenhouse, tables, thermostat, heaters, fans, etc. (280 sq. ft. minimum)	\$20,000
Hacksaw	\$20
Hammer, Ball Pein, (16-32 oz.)	\$17
Handsaw	\$25
Hard hat (per student)	\$20
Hedge shears	\$35
Hot glue guns	\$20
Hypsometer	\$450
Irregular Curves Template	\$8
Knock Out Punch Set	\$100

Equipment	Replacement Value
Ladder (6'-14' Step)	\$100
Ladder, 24' Extension	\$200
Lanyard	\$60
Lettering Guide	\$20
Magnetic Pick-up Tool	\$20
Microcentrifuge	\$250
Microcentrifuge Tubes (50)	\$100
Microscope	\$300
Microscope Accessory Kit	\$150
Nut Driver Set (Metric)	\$65
Nut Driver Set (Standard)	\$65
PH meter	\$60
Pipe wrench	\$30
Plier, multi-purpose groove joint	\$20
Pliers, combination slip joint	\$20
Pliers, diagonal cutting	\$15
Pliers, lineman side cutting	\$10
Pliers, Locking	\$15
Pliers, long needle nose side cutting	\$10
Pole saw	\$50
Post hole digger	\$50
Pressure Washer	\$350
Printer, Network or Dedicated	\$250

# AFNR PLANT SCIENCE Equipment List

Equipment	Replacement Value
Pruning saw	\$25
Pruning shears	\$20
Punch Set	\$50
Punch, Center	\$6
PVC cutter	\$50
Rake, flathead	\$35
Rake, spring back lawn	\$18
Safety Glasses/Goggles (per student)	\$8
Safety Snap Hooks	\$15
Saw, Band, 14" or larger	\$1,700
Saw, Compound Miter	\$600
Saw, Jig, variable speed	\$100
Saw, Scroll	\$350
Saw, Table, 10" minimum	\$3,500
Scale, 2# capacity	\$50
Scissors	\$12
Screwdriver, assorted + & -	\$25
Shovel, round point	\$40
Shovel, square point	\$40
Siphon mixer (w/ backflow preventer)	\$32
Sling set	\$200
Socket set, English	\$60
Socket set, Metric	\$60

Equipment	Replacement Value
Soil probe	\$55
Soil Test Kit	\$20
Spade, long blade transplanting	\$60
Sprayer, 3 gallons	\$35
Square, Combination	\$10
Square, Framing	\$15
Square, Speed or Try	\$10
Square, T – 4'	\$18
Tap & die set (Standard & Metric)	\$300
Tape Measure (16'-50')	\$14
Tape, Measure (100')	\$25
Tiller, Rotary	\$1,000
Tin snips set (left, right, center)	\$30
Tree scale stick (Biltmore)	\$15
Triangle, 30/60 degrees and 45 degrees	\$5
Triangular Scales (Architect, Civil Engineer, Metric)	\$15
Tubes, Bacteriological Culture (15ml)	\$3
Vise clamps	\$14
VOM, multi tester/clamp on current tester	\$150
Water hose 100'	\$300
Water quality test kit (LaMotte 363302)	\$300
Water wand	\$25
Wheelbarrow	\$200



# AFNR PLANT SCIENCE Equipment List

Equipment	Replacement Value
Whiteboard with Markers	\$175
Wood bits, Power set	\$15
Wood Rasp Set	\$12
Work bench, wooden	\$500
Wrench, Adjustable Set (6", 8", 10", 12")	\$25
Wrench, Combination Set (English & Metric)	\$120
<div>NOTES:</div>	

## AFNR Program Equipment Comparison List

<div style="display: flex; align-items: center; justify-content: center;"> <div style="transform: rotate(-45deg); transform-origin: center;"> <b>Courses</b> <b>Equipment</b> </div> </div>	Approximate Cost of New Item	Middle School	General Agriscience	Animal Science	Environmental and natural Resource	Industrial Agriculture	Plant Science
Air Chisel with Punch and Chisel Attachments	\$150					X	
Air compressor	\$1,600		X	X	X	X	X
Air Die Grinder with Bits	\$150					X	
Air Hose, 50'	\$50		X	X	X	X	X
Air regulator	\$50		X	X		X	
Allen wrench set (metric & standard)	\$40	X	X	X	X	X	X
Amp Probes (Clamp-on)	\$200					X	
Angle grinder	\$100		X	X	X	X	X
Anvil pruner shear	\$30		X	X	X		X
Aquaculture tank kit/heater, filter, pump, feeder, etc.-150 to 350 gallons	\$6,000			X			
Aquarium kit/heater, filter, pump, feeder, etc.-20 to 100 gallons	\$1,000			X			
Arc welder	\$400		X	X		X	
Architect's scale	\$15						X
Ascenders	\$100				X		X



Automatic and/or Mechanical Pencils	\$25	X	X	X	X	X	X
Axe	\$75				X		X
Bench Vise, 6" or larger	\$150	X	X	X	X	X	X
Bit Driver Set (Hex or Allen and Torx)	\$50		X	X	X	X	X
Blade balancer	\$25	X				X	
Blade, 14" Diamond Tip	\$150		X			X	
Blade, Abrasive	\$15		X			X	
Block and tackle	\$100		X	X		X	
Block, 4" Concrete	\$1.50					X	
Block, 6" Concrete	\$1.50					X	
Block, 8" Concrete	\$1.50					X	
Block Plane	\$45.00		X	X		X	
Blueprint or Diazzo Machine and/or Photocopier	\$2,500	X	X	X	X	X	X
Bow saw	\$20				X		X
Braided Line, 500'	\$10		X			X	
Brick Set (4")	\$20					X	
Brick, Half	\$0.20					X	
Brick, Hollow	\$0.35					X	
Brush cutter	\$25		X		X		X
Brushes, Paint	\$10	X	X	X		X	X
Builder's level or Transit with rod & tripod	\$600		X	X		X	
Bypass pruner	\$20	X	X		X		X



CAD Software	\$1,500		X			X	
Calculator	\$5	X	X	X	X	X	X
Caliper set	\$40		X	X		X	
Carabiner set	\$60				X		X
Cat Paw Nail Digger	\$25		X	X		X	
C-clamps (4, 6, 8, 10, 12 in.)	\$10		X	X	X	X	X
Chain saw	\$400				X		X
Chaining pin sets	\$25					X	
Chalk line	\$20	X	X	X		X	
Chemical facial respirator (for protection against harmful dust, sprays, pesticide vapors)	\$175				X		X
Chisel, Wood Set	\$35	X	X	X	X	X	X
Circle Template	\$6						X
Clamps, assorted (metal/wood)	\$25	X	X	X	X	X	X
Clamps, Bar	\$20		X	X	X	X	X
Climbing rope	\$130				X		X
Clinometer	\$150				X		X
Cold chisels, assorted	\$20		X	X		X	
Commercial 2 cycle gasoline engine nylon trimmer	\$300					X	
Compass, mirror-sighting, Azimuth	\$20				X		X
Compass, staff	\$650				X		X
Compasses, drafting (Bow, Beam, and Drop Bow)	\$40						X
Compression Gauge with Adapters for Various Engines	\$25					X	



Computer Table w/ Additional Workspace and Chair	\$200	X	X	X	X	X	X
Computer, appropriate software & equipment/internet access	\$1,000	X	X	X	X	X	X
Convex Jointer, Heavy Duty	\$10					X	
Countersink bit set	\$10	X	X	X	X	X	X
Cylinder Hone (1" – 3")	\$25					X	
Cylinder Hone (3" – 5")	\$25					X	
Desoldering Kit	\$200		X			X	
Dial or Digital Caliper (metric)	\$40					X	
Dial or Digital Caliper (standard)	\$40					X	
Diameter Tape, Tree	\$45				X		X
DNA Extraction Kit (Fruit)	\$75		X		X		X
Drafting Brush	\$10						X
Drafting Tape	\$10						X
Drafting tool kit	\$60	X	X			X	X
Drill bit set, metal/wood	\$50	X	X	X	X	X	X
Drill Bits, Masonry Carbide	\$50		X	X		X	
Drill press vise	\$150		X			X	
Drill press, 15", variable speed	\$1,400	X	X	X	X	X	X
Drill, ½" Hammer	\$250		X	X		X	
Drill, ½" Right Angle	\$200					X	
Drill, 3/8" Air	\$150		X			X	
Drill, portable power, variable speed, reversible	\$200	X	X	X	X	X	X



Drywall Handsaw	\$35		X			X	
Drywall Hole Saw	\$15		X			X	
Drywall Screw Drill	\$100		X			X	
Electric Chainsaw Sharpener	\$100				X		X
Electrician's Knives	\$25				x	X	x
Engine RPM Tachometer	\$75					X	
Engineer's scale	\$25						X
Erasers (Pencil, Ink, and Plastic	\$5	X	X	X	X		X
Erasing Shield	\$2						X
Expansion Bit	\$30					X	
Extension Cord, 12/3, 25'-100', Grounded	\$80	X	X	X	X	X	X
Feeler gauge set	\$25	X	X	X		X	
Fertilizer spreader	\$75				X		X
Figure-eight descenders	\$15				X		X
File assortment	\$40	X	X	X	X	X	
First aid kit	\$35	X	X	X	X	X	X
Fish Tape, 100'	\$25					X	
Flaring tool set	\$65		X			X	
Flask, 500ml	\$10		X	X	X		X
Flat File, 10 drawers	\$1,300		X	X	X	X	X
Floral Snips	\$12		X		X		X
Four-Stroke Training Engine	\$250		X	X		X	



Fuse Puller	\$30					X	
Garden hoe	\$35		X	X	X	X	X
Garden trowel	\$15		X		X		X
Gasket Scraper	\$15					X	
GPS equipment (with GIS capabilities)	\$600		X		X		X
Graduated Cylinder (500ml)	\$20		X	X	X		X
Gram scale electronic balance (1gram-4 pounds)	\$150		X	X	X		X
Grease Gun, Hand Operated	\$50					X	
Greenhouse, tables, thermostat, heaters, fans, etc. (280 sq. ft. minimum)	\$20,000						X
Grinder, Pedestal or Portable	\$200		X			X	
Hacksaw	\$20	X	X	X	X	X	X
Hammer, Ball Pein, (16-32 oz.)	\$17	X	X	X		X	X
Hammer, Chipping	\$10		X	X		X	
Hammer, Claw	\$30	X	X	X		X	
Hammer, Dead Blow	\$50	X	X	X		X	
Hammer, Roofing	\$25		X			X	
Hammer, Sledge	\$35		X	X		X	
Hammer, Soft Face	\$25	X	X			X	
Hand Jointer V	\$15					X	
Hand plane	\$25	X	X	X		X	
Handsaw	\$25	X	X	X	X	X	X
Hanging Scales	\$100			X		X	



Hard hat ( <b>per student</b> )	\$20		X	X	X	X	X
Hedge shears	\$35	X			X		X
Hole Saw Set for Drill (Wood)	\$30		X	X		X	
Hot glue guns	\$20		X	X	X		X
Hypsometer	\$450				X		X
Impact Gun, ½" Air Drive	\$250					X	
Impact Gun, 3/8" Air Drive	\$200					X	
Increment borer	\$225					X	
Irregular Curves Template	\$8						X
Joint Raker	\$15					X	
Knock Out Punch Set	\$100		X		X	X	X
Ladder (6'-14' Step)	\$100		X	X	X	X	X
Ladder, 24' Extension	\$200				X	X	X
Lanyard	\$60				X		X
Lawn mower (4-cycle)	\$200						X
Lettering Guide	\$20						X
Level (12" to 48")	\$25	X	X	X		X	
Level, Mason's	\$60					X	
Level, Torpedo	\$20		X	X		X	
Line Block	\$5					X	
Loping shears, heavy duty	\$30	X	X		X		X
Low Voltage System/Bell/Chimes, Transformer, Push Buttons	\$50					X	



Machinist vise	\$150		X			X	
Magnetic Pick-up Tool	\$20		X		X	X	X
Mallet, Wooden	\$25	X		X	X	X	
Microcentrifuge	\$250		X		X		X
Microcentrifuge Tubes (50)	\$100		X		X		X
Micrometer Set (0.001" – 5")	\$100					X	
Microscope	\$300		X	X	X		X
Microscope Accessory Kit	\$150		X	X	X		X
Microwave	\$100		X				
Mig welder, 110-120v	\$1,000		X	X		X	
Mig welder, 220v	\$1,500		X	X		X	
Multimeter, Digital, Overload Protected	\$150		X	X		X	
Nail sets	\$10	X	X	X		X	
Nut Driver Set (Metric)	\$65	X	X	X	X	X	X
Nut Driver Set (Standard)	\$65	X	X	X	X	X	X
Oxyacetylene welding/cutting outfit	\$350		X	X		X	
Parts Washer with Brush	\$150					X	
PH meter	\$60	X	X	X	X		X
Photo Electric Cell Fixture and Light	\$70		X			X	
Pipe cutter	\$35		X			X	
Pipe die set	\$300		X			X	
Pipe reamer	\$20		X			X	



Pipe vise (fixed or portable)	\$375		X			X	
Pipe wrench	\$30		X	X	X	X	X
Planer	\$2,400		X	X		X	
Plasma Arc Cutter	\$900		X			X	
Plier, multi-purpose groove joint	\$20	X	X	X	X	X	X
Pliers, combination slip joint	\$20	X	X	X	X	X	X
Pliers, diagonal cutting	\$15	X	X	X	X	X	X
Pliers, lineman side cutting	\$10	X	X	X	X	X	X
Pliers, Locking	\$15	X	X	X	X	X	X
Pliers, long needle nose side cutting	\$10	X	X	X	X	X	X
Plotter, Network	\$1,000		X				
Plugging Chisel	\$18					X	
Plumb Bob	\$12		X	X		X	
Pneumatic finish nail gun	\$400		X	X		X	
Pneumatic framing nail gun	\$400		X	X		X	
Pneumatic stapler	\$200					X	
Pole saw	\$50				X		X
Portable belt sander	\$150		X	X		X	
Portable circular saw	\$100		X	X		X	
Portable power sander	\$100	X	X	X		X	
Post hole digger	\$50		X	X			X
Pressure Washer	\$350			X			X



Printer, Network or Dedicated	\$250	X	X	X	X	X	X
Propane torch kits	\$35		X	X	X	X	
Pruning saw	\$25		X		X		X
Pruning shears	\$20	X	X		X		X
Pry Bar	\$19		X			X	
Punch Set	\$50		X	X	X	X	
Punch, Center	\$6	X	X	X	X	X	
PVC cutter	\$50		X	X	X	X	X
Rake, flathead	\$35	X	X	X	X	X	X
Rake, spring back lawn	\$18	X	X	X	X	X	X
Ratchet, 3/8" Air Drive	\$100					X	
Reamer, Ridge (1 1/2"-5")	\$60					X	
Ring Compressor (4 Small-2 Large)	\$20					X	
Ring Expander or Installer Set	\$20					X	
Ring Groove Cleaner	\$28					X	
Rivet tool	\$30		X			X	
Router	\$150	X	X	X		X	
Router bit set	\$200	X	X	X		X	
Router cabinet door template system	\$800					X	
Router door and jamb hinge template	\$150					X	
Router dovetail kit	\$100					X	
Ruler, Masonry Folding-6'	\$20	X			X	X	



Safety Glasses/Goggles (per student)	\$8	X	X	X	X	X	X
Safety Snap Hooks	\$15				X		X
Saw, Band, 14" or larger	\$1,700		X	X	X	X	X
Saw, Compound Miter	\$600	X	X	X	X	X	X
Saw, Jig, variable speed	\$100	X	X	X	X	X	X
Saw, Metal Chop	\$300		X	X		X	
Saw, Reciprocating	\$150		X	X		X	
Saw, Scroll	\$350	X	X		X	X	X
Saw, Table, 10" minimum	\$3,500		X	X		X	
Scale, 2# capacity	\$50				X		X
Scissors	\$12	X	X	X	X	X	X
Screwdriver, assorted + & -	\$25	X	X	X	X	X	X
Service Entrance Panel (200 amp with 100 amp main and breakers)	\$400					X	
Shovel, round point	\$40	X	X	X	X	X	X
Shovel, square point	\$40	X	X	X	X	X	X
Shop Vac - Wet	\$150		X	X	X		X
Single Phase Transformer Trainer	\$1,000					X	
Siphon mixer (w/ backflow preventer)	\$32		X	X	X		X
Sled Runner, Round Convex	\$9					X	
Sling set	\$200				X		X
Small engine tool kit (Flywheel Puller, Flywheel Holder, Starter, Clutch Wrenches, Valve Spring Compressor, Rewind Starter Tools, Spark Tester)	\$125	X	X			X	
Socket set, English	\$60	X	X	X	X	X	X



Socket set, Metric	\$60	X	X	X	X	X	X
Soil probe	\$55	X	X		X		X
Soil Test Kit	\$20	X	X	X	X		X
Soldering Gun (100-140w)	\$50		X	X		X	
Soldering Irons (40w)	\$15		X	X		X	
Spade, long blade transplanting	\$60		X		X	X	X
Spark Plug Gauge	\$5	X	X	X		X	
Spark Plug Thread Chaser	\$12					X	
Sprayer, 3 gallons	\$35		X	X	X		X
Square, Combination	\$10	X	X	X	X	X	X
Square, Framing	\$15	X	X	X	X	X	X
Square, Speed or Try	\$10	X	X	X	X	X	X
Square, T – 4'	\$18		X				X
Tap & die set (Standard & Metric)	\$300		X	X	X	X	X
Tape Measure (16'-50')	\$14	X	X	X	X	X	X
Tape, Measure (100')	\$25	X	X	X	X	X	X
Telescoping Gauge (1 ½" – 5")	\$40					X	
Tiller, Rotary	\$1,000				X	X	X
Timing Light	\$90					X	
Tin snips set (left, right, center)	\$30		X	X	X	X	X
Torque Wrench ½"	\$40	X				X	
Torque Wrench, Inch-Pound (Click-Type or needle Type) 3/8"	\$40		X	X		X	



Tree scale stick (Biltmore)	\$15				X		X
Triangle, 30/60 degrees and 45 degrees	\$5						X
Triangular Scales (Architect, Civil Engineer, Metric)	\$15						X
Tubes, Bacteriological Culture (15ml)	\$3		X	X	X		X
Two-Cycle Training Engine	\$350	X				X	
Valve seat cutter kit	\$550					X	
Vise clamps	\$14		X	X	X	X	X
VOM, multi tester/clamp on current tester	\$150		X	X	X	X	X
Water hose 100'	\$300		X	X	X	X	X
Water quality test kit (LaMotte 363302)	\$300		X	X	X		X
Water wand	\$25		X				X
Welding gloves (pairs)	\$20		X	X		X	
Welding helmet with lenses rated for Mig/Tig	\$150		X	X		X	
Welding table	\$250		X	X		X	
Welding/Cutting goggles	\$15		X	X		X	
Wheelbarrow	\$200	X	X	X	X	X	X
Whiteboard with Markers	\$175	X	X	X	X	X	X
Wire Brush	\$5		X	X		X	
Wire Cup Brush for Drill	\$8		X			X	
Wire strippers	\$17	X	X	X		X	
Wood bits, Power set	\$15	X	X	X		X	
Wood Rasp Set	\$12	X				X	



Work bench, wooden	\$500	X	X	X	X	X	
Wrench, Adjustable Set (6", 8", 10", 12")	\$25	X	X	X	X	X	X
Wrench, Combination Set (English & Metric)	\$120	X	X	X	X	X	X