

## AEMT Inventory by Vendor

### Engine and Equipment Training Council

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	5	8	Each	Basic Electrical Training Board <ul style="list-style-type: none"> <li>• Battery charger, 12V</li> <li>• Battery, 12V</li> <li>• Digital multimeter (DMM)</li> <li>• Electromagnetic clutch</li> <li>• Fuse, 10A</li> <li>• Key</li> <li>• Silicon diode</li> <li>• 16 Wires with alligator clips</li> </ul>	EETC
	1	1	Each	Electrical Testing – Voltage Drop DVD (EETC CE3101)	EETC

### Lab-Aids

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	10	15	Each	Cup, graduated, 30ml	Lab-Aids

### Local

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	1	1	Box	Baking soda	Local
	10	15	Each	Battery, 9V	Local
	10	15	Each	Battery, D size	Local
	1	2	Each	Bicycle tire air pump	Local
	20	30	Each	Binder, two-inch, three-ring	Local
	10	15	Each	Box, cardboard, shoe-size	Local
	1	1	Bag	Cat litter, 10 lbs	Local
	20	30	Each	Clipboard	Local
	5	8	Set	Colored pencils, assorted	Local
	10	15	Each	Container and lid, 24 oz	Local
	10	15	Each	Container, plastic, 10 oz	Local
	5	8	Each	Container, plastic, 64 oz	Local
	5	5	Each	Cooking spray	Local
	9	12	Each	Cup, 16 oz	Local
	20	32	Each	Cup, 3 oz	Local
	7	10	Each	Cup, 9 oz	Local
	20	30	Each	Cup, 12 oz	Local
	10	15	Each	Cups of various sizes	Local
	20	30	Each	Device with a digital camera	Local
	20	30	Each	Device with calculator	Local
	10	15	Each	Device with timer	Local
	1	3	Gallon	Diesel fuel	Local
	40	60	Pair	Ear plugs	Local
	5	8	Each	Eye hook	Local

	2	3	Each	Flashlights	Local
	20	30	Each	Glue stick	Local
	20	30	Each	Headphones	Local
	10	15	Sets	Highlighters, assorted colors	Local
	5	8	Each	Hot glue gun	Local
	15	24	Each	Hot glue stick	Local
	5	7	Lbs	Ice	Local
	20	30	Each	Logbook	Local
	10	15	Sets	Marker, assorted colors	Local
	10	15	Roll	Masking tape	Local
	1	2	Each	Microwave	Local
	10	15	Each	Mobile device with GPS application	Local
	5	8	Each	Ounce measuring pitcher, plastic	Local
	5	8	Each	Paint pen	Local
	2	4	Lbs	Pea gravel	Local
	20	30	Each	Pen, red	Local
	10	15	Each	Permanent marker	Local
	30	45	Each	Planting tray, 12-cell, with holding tray	Local
	25	39	Each	Plate, paper, 10"	Local
	40	60	Each	Plate, paper, 12"	Local
	5	8	Each	Plate, paper, heavy, 12"	Local
	25	38	Each	Poster board	Local
	1	2	Bags	Potting media	Local
	7	10	Each	Ruler	Local
	10	15	Pair	Scissors	Local
	10	15	Roll	Shop towels	Local
	20	30	Each	Spoon, plastic	Local
	10	15	Each	Spray bottle	Local
	1	1	Bag	Steel wool	Local
	10	15	Each	String, 3'	Local
	20	30	Each	Survey flag	Local
	200	300	Each	Tab divider	Local
	200	300	Each	Tab label insert	Local
	1	2	Roll	Tape, Teflon	Local
	7	10	Each	Tool box, plastic, 19"	Local
	5	8	Each	USB adapter box	Local
	10	15	Each	Vial, 10ml, plastic, freestanding	Local
	1	2	Each	Water tank (size based on radiator used)	Local
	2	3	Gallon	Water, distilled	Local
	10	15	Each	Webcam with a USB cord	Local

## Local – Amazon

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	5	8	Each	AC mini-hand motor	Local – Amazon
	10	15	Each	Battery adapter, 9V	Local – Amazon
	10	15	Each	Battery case, D-size	Local – Amazon
	1	2	Pkg.	Breadboard pin wire, female to female pkg 200	Local – Amazon
	1	2	Pkg.	Breadboard pin wire, male to male pkg 200	Local – Amazon
	10	16	Each	Breadboard, 170 point	Local – Amazon

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	10	15	Each	Breadboard, 400 point	Local – Amazon
	5	8	Each	Button switch, N.C., SPST	Local – Amazon
	30	45	Each	Coupler, plastic, 1/8" O.D.	Local – Amazon
	5	8	Each	DC motor, brushed, 12V	Local – Amazon
	10	15	Each	Dial caliper 6"/150mm	Local – Amazon
	10	15	Each	Dial indicator	Local – Amazon
	3	5	Each	Double flaring tool kit	Local – Amazon
	1	2	Each	Electric Hook Up Wire Kit, 16 gauge, 100 feet, assorted colors	Local – Amazon
	2	4	Box	Electrical connectors assorted, 16 ga	Local – Amazon
	5	8	Roll	Electrical solder	Local – Amazon
	1	2	Each	Electrical wires, various colors, 100 feet, solid strand 22 ga	Local – Amazon
	5	8	Each	Electronic balance, 600 g capacity	Local – Amazon
	5	8	Each	Female union, 5/16" x 1/8" female union	Local – Amazon
	10	15	Each	Graphite pencil, 6B	Local – Amazon
	2	3	Each	Heat gun	Local – Amazon
	5	8	Each	Heat shrink, 1/4 x 4"	Local – Amazon
	3	4	Box	Heat shrink, assorted sizes	Local – Amazon
	7	10	Each	Hex wrench, 3/32"	Local – Amazon
	7	10	Each	Hex wrench, 5/64"	Local – Amazon
	20	32	Each	LED bulb, 10mm	Local – Amazon
	25	35	Each	Pipet, plastic, 1 ml	Local – Amazon
	10	15	Each	Positive displacement pump, 12V	Local – Amazon
	10	15	Each	Potentiometer, 10K $\Omega$	Local – Amazon
	5	8	Each	Refractometer kit	Local – Amazon
	20	40	Each	Relay, single-pole, single-throw, N.C.	Local – Amazon
	20	40	Each	Relay, single-pole, single-throw, N.O.	Local – Amazon
	20	32	Each	Resistor, 120 $\Omega$	Local – Amazon
	70	115	Each	Ring terminal, red	Local – Amazon
	5	8	Each	Soldering iron helping hands	Local – Amazon
	5	8	Each	Soldering iron with stand	Local – Amazon
	10	15	Each	Solenoid valve	Local – Amazon
	20	30	Each	Syringe, 10ml	Local – Amazon
	30	45	Each	Syringe, 20ml	Local – Amazon
	20	30	Each	Syringe, 60ml	Local – Amazon
	10	15	Each	Tee, plastic, 1/8" O.D.	Local – Amazon
	20	32	Each	Terminal block, 2-pole	Local – Amazon
	70	100	Feet	Tubing, plastic, 1' x 1/8" I.D.	Local – Amazon
	1	1	Pkg	Wire with alligator clips, pkg 150	Local – Amazon
	5	8	Each	Zener diode, 2V rating	Local – Amazon

## Local – Equipment

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	1	1	Each	Agricultural implement	Local – Equipment
	5	8	Each	Equipment for electrical starter test (Tractor, lawnmower, etc)	Local – Equipment
	2	3	Each	Equipment with tires	Local – Equipment
	5	8	Each	Hub user manual	Local – Equipment
	5	8	Each	OEM specifications for tractor	Local – Equipment

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	5	8	Each	Tractor (1 should be diesel)	Local – Equipment
	1	2	Each	Tractor and attached implement	Local – Equipment
	10	15	Each	Tractor maintenance manual	Local – Equipment
	10	15	Each	Universal joint and service manual, new	Local – Equipment
	1	1	Each	Water source with a hose	Local – Equipment

## Local – Hardware

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	1	2	Quart	Automatic transmission fluid, quart	Local – Hardware
	40	60	Each	Bolt, low-grade, $\frac{5}{16}$ "-1", UNC	Local – Hardware
	20	30	Each	Bolts, assorted types, sizes, threads, and grades	Local – Hardware
	1	2	Bottles	Brake cleaner	Local – Hardware
	1	2	Bottles	Cleaning fluid	Local – Hardware
	5	8	Each	Cotter pin, replacement	Local – Hardware
	1	1	Liter	DEF	Local – Hardware
	1	1	Each	Dielectric grease	Local – Hardware
	15	24	Each	Dowel, 6" x 1" diameter	Local – Hardware
	10	15	Each	Dowels, wooden, 12" x $\frac{3}{4}$ " diameter	Local – Hardware
	1	1	Roll	Duct tape	Local – Hardware
	5	8	Each	Electrical flux	Local – Hardware
	5	8	Roll	Electrical tape	Local – Hardware
	1	1	Gallon	Engine coolant	Local – Hardware
	5	5	Each	Engine oil (qty based on 1 oil change)	Local – Hardware
	30	45	Feet	Flat stock, mild steel, $\frac{1}{8}$ "x1"	Local – Hardware
	10	25	Feet	Fuel line, steel, 12" x $\frac{1}{4}$ "	Local – Hardware
	10	16	Each	Fuse, 10A	Local – Hardware
	5	8	Each	Fuse, 7.5A	Local – Hardware
	2	3	Each	Grease	Local – Hardware
	1	1	Quart	Hydraulic fluid	Local – Hardware
	2	3	Tubes	Lithium grease	Local – Hardware
	40	60	Each	Nut, $\frac{5}{16}$ ", UNC	Local – Hardware
	5	8	Each	Oil filter	Local – Hardware
	5	8	Quarts	Oil, 30W	Local – Hardware
	1	1	Sheet	Plywood, 4' x 8', $\frac{1}{2}$ " thick	Local – Hardware
	1	1	Quart	Power steering fluid	Local – Hardware
	5	8	Each	Sandpaper disc, 120-grit, 6"	Local – Hardware
	5	8	Each	Sandpaper disc, 200-grit, 6"	Local – Hardware
	10	16	Each	Sandpaper disc, 40-grit, 6"	Local – Hardware
	40	65	Each	Screw, wood, #6 x $\frac{3}{4}$ "	Local - Hardware
	5	9	Each	Seal, replacement ( <b>NAPA Part #27SS2768</b> )	Local – Hardware
	10	15	Each	Steel fuel line compression union	Local – Hardware
	10	16	Feet	String, nylon	Local – Hardware
	10	15	Each	Switch, single-pole, single-throw	Local – Hardware
	240	360	Each	Washer, flat, $\frac{5}{16}$ "	Local – Hardware
	280	400	Each	Washers, 1"	Local – Hardware
	10	16	Each	Woodblock, 6", 2x4	Local – Hardware

## Local – Industry

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	1	1	Each	Air filter, dirty	Local – Industry
	3	5	Each	Air filter, new or used	Local – Industry
	10	15	Each	Bearing, ball	Local – Industry
	10	15	Each	Bearing, friction	Local – Industry
	10	15	Each	Bearing, roller	Local – Industry
	1	1	Each	Bearing, seized	Local – Industry
	3	5	Each	Bosch diesel fuel injector	Local – Industry
	3	3	Each	Chains, drive	Local – Industry
	15	24	Each	Clutch disc	Local – Industry
	1	1	Each	Combine with precision components	Local – Industry
	10	15	Each	Equipment service manual	Local – Industry
	1	1	Each	Equipment with V-belts and chains	Local – Industry
	1	1	Each	Fuel filter, dirty	Local – Industry
	1	1	Each	Fuel injector, leaking	Local – Industry
	5	8	Each	Gearbox	Local – Industry
	5	8	Each	Hydraulic cylinder with female fitting	Local – Industry
	1	2	Each	Hydraulic cylinder with piston	Local – Industry
	10	15	Each	Hydraulic female fitting <ul style="list-style-type: none"> <li>• 316 Stainless Steel Nut for 8 mm Tube OD High-Pressure Compression Fitting</li> <li>• Nut for 3/8" Tube OD 37 Degree Flared Fitting for Stainless Steel Tubing</li> <li>• Precision Compression Fitting for Stainless Steel Tubing, Straight Adapter for 3/8" Tube OD x 1/8 NPT Female</li> </ul>	Local – Industry or <a href="#">McMaster Carr</a>
	5	8	Each	Hydraulic hose with fittings	Local – Industry
	10	15	Each	Hydraulic male fitting <ul style="list-style-type: none"> <li>• Compression Fitting for Stainless Steel Tubing, Straight Adapter, 8 mm Tube OD x 1/4 NPT Male</li> <li>• 37 Degree Flared Fitting for Stainless Steel Tubing, Adapter for 3/8" Tube OD x 3/8 BSPT Male</li> <li>• Precision Compression Fitting for Stainless Steel Tubing, Straight Adapter for 3/8" Tube OD x 1/8 NPT Male</li> </ul>	Local – Industry or <a href="#">McMaster Carr</a>
	10	15	Each	Hydraulic pump with user manual	Local – Industry
	5	8	Each	Hydraulic valve with female fitting	Local – Industry
	15	25	Each	Machine components	Local – Industry
	1	1	Each	Oil filter with dirty oil	Local – Industry
	5	8	Each	Oil pressure transducer, used	Local – Industry
	1	1	Each	Piston with a broken ring	Local – Industry
	3	3	Each	Pulley for V-belt	Local – Industry
	1	1	Each	Pulleys, two with a loose belt	Local – Industry
	1	1	Each	Pulleys, two with a tight belt	Local – Industry
	1	1	Each	Shaft, misaligned on worn bearings	Local – Industry
	5	8	Each	Silicon diode, failed	Local – Industry
	1	2	Each	Solenoid, faulty	Local – Industry
	3	3	Each	Sprocket	Local – Industry
	1	1	Each	Sprockets, two misaligned with a tight chain	Local – Industry

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	1	1	Each	Sprockets, two with loose chain	Local – Industry
	1	1	Each	Starter solenoid, broken	Local – Industry
	1	1	Each	Thermostat, broken	Local – Industry
	5	8	Each	Thermostat, used	Local – Industry
	1	1	Each	Tire on a wheel, worn partially deflated	Local – Industry
	3	5	Each	Turbocharger	Local – Industry
	1	1	Each	Turbocharger, broken	Local – Industry
	10	15	Each	Universal joint with service manual, used	Local – Industry
	3	3	Each	V-belts	Local – Industry
	1	2	Each	Water pump, belt-driven	Local – Industry
	1	2	Each	Water pump, gear-driven	Local – Industry
	1	1	Each	Wheel hub with seized bearing	Local – Industry
	1	1	Each	Wheel hub with worn bearing	Local – Industry

## Local – Tools

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	2	3	Each	Air compressor with blow gun	Local – Tool
	10	15	Each	Ball joint service kit ( <a href="#">Harbor Freight</a> )	Local – Tool
	10	15	Each	Ball-peen hammer	Local – Tool
	5	8	Each	Battery post terminal cleaner	Local – Tool
	3	3	Each	Box wrench set	Local – Tool
	3	5	Sets	Box wrench set, metric	Local – Tool
	5	8	Each	Chisel, cold	Local – Tool
	10	16	Each	Clamp, C, 6"	Local – Tool
	10	15	Each	Combination square	Local – Tool
	10	15	Each	Combination wrench, 1/2"	Local – Tool
	1	1	Each	Depth micrometer	Local – Tool
	5	8	Each	Drift punch, brass	Local – Tool
	6	9	Each	Face shield	Local – Tool
	5	8	Each	Feeler gauge	Local – Tool
	5	8	Each	Fertilizer spreader, handheld	Local – Tool
	5	8	Each	Funnel, 6"	Local – Tool
	5	8	Each	Fuse puller	Local – Tool
	2	3	Each	Grease gun	Local – Tool
	7	10	Each	Hacksaw	Local – Tool
	5	8	Each	Infrared (IR) thermometer	Local – Tool
	1	1	Each	Inside micrometer	Local – Tool
	1	2	Each	Manual staple gun with staples	Local – Tool
	1	1	Each	Metal chop saw	Local – Tool
	7	10	Each	Metal file	Local – Tool
	10	15	Pair	Needle nose pliers	Local – Tool
	7	10	Each	Nut driver, 1/4"	Local – Tool
	5	8	Each	Oil drip pan	Local – Tool
	5	8	Each	Oil filter wrench	Local – Tool
	1	1	Each	Outside micrometer, 0–1"	Local – Tool
	1	1	Each	Outside micrometer, 1–2"	Local – Tool
	1	1	Each	Outside micrometer, 2–3"	Local – Tool
	10	15	Each	Pitch gauge	Local – Tool
	5	8	Pair	Pliers, slip joint	Local – Tool

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	10	15	Pair	Pliers, snap-ring	Local – Tool
	5	8	Each	Pry bar	Local – Tool
	10	15	Each	Screwdriver, flathead	Local – Tool
	5	8	Each	Screwdriver, Phillips, #2	Local – Tool
	10	15	Each	Screwdriver, small flathead	Local – Tool
	5	8	Each	Seal installer	Local – Tool
	5	8	Each	Seal/bearing driver	Local – Tool
	5	8	Each	Socket 38mm, 1/2" drive	Local – Tool
	5	8	Each	Socket extension 3/8" drive	Local – Tool
	5	8	Each	Socket set, 3/8" drive	Local – Tool
	5	8	Each	Socket set, 6 pt, 3/8" drive	Local – Tool
	5	8	Each	Socket wrench, 1/2" drive	Local – Tool
	5	8	Each	Socket wrench, 1/4" drive	Local – Tool
	10	15	Each	Socket wrench, 3/8" drive	Local – Tool
	1	1	Each	Socket, 1/2", 1/4" drive	Local – Tool
	10	15	Each	Socket, 1/2", 3/8" drive	Local – Tool
	5	8	Each	Socket, 10mm, 1/4" drive	Local – Tool
	1	1	Each	Socket, 7/16", 1/4" drive	Local – Tool
	5	8	Each	Socket, 8mm, 1/4" drive	Local – Tool
	5	8	Each	Socket, 9/16", 3/8" drive	Local – Tool
	5	8	Each	Sprayer, handheld	Local – Tool
	3	3	Each	Steel fuel line cutter	Local – Tool
	1	1	Each	Table saw or circular saw	Local – Tool
	10	15	Each	Tape measure, 25'	Local – Tool
	5	8	Each	Tapered punch	Local – Tool
	10	15	Each	Telescoping gauge	Local – Tool
	10	15	Set	Tools for hydraulic cylinder disassembly (vary) <ul style="list-style-type: none"> <li>• Adjustable wrench</li> <li>• Gland nut wrench</li> <li>• Hex wrench set</li> <li>• Rubber mallet</li> <li>• Snap ring tool</li> <li>• Socket wrench set</li> <li>• Spanner wrench</li> </ul>	Local – Tool
	10	15	Set	Tools for hydraulic valve and pump disassembly (vary) <ul style="list-style-type: none"> <li>• Adjustable wrench</li> <li>• Hex wrench set</li> <li>• Rubber mallet</li> <li>• Socket wrench set</li> </ul>	Local – Tool
	5	8	Each	Torque wrench, 5–80 ft-lb, 1/2" drive	Local – Tool
	10	15	Each	Torque wrench, Flex Beam, in-lb, 3/8" drive	Local – Tool
	5	8	Each	Wire crimper, 12–16 ga	Local – Tool
	5	8	Each	Wire stripper	Local – Tool
	10	15	Each	Workstations with a vise	Local – Tool

## Reality Works

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	5	8	Each	RC tractor	Reality Works
	5	8	Each	Transmitter	Reality Works

## Miscellaneous Vendors

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	3	5	Each	Diesel fuel injector pressure tester	Local – <a href="#">MercedesSource</a>
	5	8	Each	Flow meter	SEED (Product ID: 314150001)
	5	8	Each	Magneto	Power Distributors
	5	8	Each	Small engine, OHV	Power Distributors
	5	8	Each	Spark plug	Power Distributors
	5	8	Each	Trailer Sprayer, FIMCO 30 Gallon	Tractor Supply Company
	5	8	Each	<a href="#">Wheel hub/spindle (128008)</a>	Local – Northern Tool

## Print (See Teacher Notes for Details)

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Lesson
	1	1	Each	<i>CAN Bus Template</i>	Lesson 5.2
	5	8	Copies	<i>Cranking Circuit Schematic</i>	Lesson 4.2
	5	8	Each	<i>Ignition Systems Service Manual</i>	Lesson 4.2
	5	8	Copies	<i>John Deere Gator Service Manual</i>	Lesson 4.2
	2	3	Sets	<i>Project 4.3.2 Complaint Cards</i>	Lesson 4.3
	1	2	Sets	<i>Project 6.3.2 Pump Complaint Cards</i>	Lesson 6.3
	1	2	Set	<i>Project 6.3.4 Oil Contamination Cards</i>	Lesson 6.3
	5	8	Each	SDS sheet	Lesson 7.1
	5	8	Each	Service manual, New Regent	Lesson 4.3
	5	8	Each	Tractor maintenance manual	Lesson 7.1

## Software

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	20	30	Each	Amatrol® hydraulic simulator subscriptions	Amatrol
	20	30	Each	Concept mapping software	Various
	10	15	Each	Lobe software	<a href="#">Lobe</a>
	1	1	Each	<i>LunchBox Session subscription</i>	<a href="#">LunchBox Sessions</a>
	10	15	Each	<i>PowerPortal account</i>	Briggs and Stratton
	20	30	Seats	SMS software with example data	Ag Leader

## Textbook

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	1	1	Each	<i>Diesel Technology</i>	Goodheart-Wilcox
	20	30	Each	<i>Heavy Equipment Power Trains and Systems</i>	Goodheart-Wilcox
	1	1	Each	<i>Hydraulic Systems for Mobile Equipment</i>	Goodheart-Wilcox



## Vernier

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	5	8	Each	Arduino® Interface Shield	Vernier
	10	15	Each	DCU power output kit <ul style="list-style-type: none"> <li>• 6 wires with alligator clip and pin ends</li> <li>• 2 Light-emitting diodes</li> <li>• 2 Resistors, 220 ohm</li> </ul>	Vernier
	10	15	Each	Digital control unit	Vernier
	5	8	Each	KidWind graduated cylinder, 250ml	Vernier
	5	8	Each	KidWind Output Power Board	Vernier
	10	15	Each	KidWind water pump and hose	Vernier
	10	15	Each	LabQuest	Vernier
	5	8	Each	Motion detector	Vernier
	10	15	Each	Pressure 400 sensor	Vernier
	10	15	Each	Soil moisture sensor	Vernier
	5	8	Each	SparkFun® RedBoard with cable	Vernier
	1	1	Each	Temperature sensor	Vernier

## VEX

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	7	10	Kits	Advanced Gear Kit <ul style="list-style-type: none"> <li>• 7 Bevel gears</li> <li>• 1 Differential</li> <li>• 4 Worm gears</li> <li>• 4 Rack and pinion</li> </ul>	VEX 276-2184
	3	4	Package	Bevel gearbox bracket	VEX 275-1187
	7	10	Kits	Booster Kit <ul style="list-style-type: none"> <li>• Flat bearing</li> <li>• Gear, 12-tooth</li> <li>• Gear, 36-tooth</li> <li>• Gear, 60-tooth</li> <li>• Gear, 84-tooth</li> <li>• Motor clutch</li> <li>• Nut, #8-32 keps</li> <li>• Screw, #6-32 x ½"</li> <li>• Screw, #8-32 x ¼"</li> <li>• Shaft collar</li> <li>• Shaft collar</li> <li>• Shaft, 11mm</li> <li>• Shaft, 12" square</li> <li>• Shaft, 12" square</li> <li>• Shaft, 4" square</li> <li>• Shaft, 4" square</li> <li>• Spacers, 8mm</li> <li>• Standoff 3"</li> <li>• Steel angle 2x2x25</li> <li>• Steel rail, 2x1x25</li> </ul>	VEX 276-2232
	3	4	Package	Gear, 60-tooth extra strength, 8 pack	VEX 276-7748
	7	10	Each	Motor, 2-wire 393	VEX 276-2177
	4	5	Package	Wheel, 4", pkg 4	VEX 276-1497
	3	4	Package	Worm gearbox bracket	VEX 275-1189

## Ward's

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	5	8	Each	Beaker, 100ml	Ward's
	3	3	Each	Beaker, 250ml	Ward's
	20	30	Each	Beaker, 600ml	Ward's
	10	15	Each	Compound microscope	Ward's
	5	8	Each	Erlenmeyer flask, 1L	Ward's
	5	8	Each	Graduated cylinder, plastic, 100ml	Ward's
	5	8	Each	Hot plate	Ward's
	10	15	Roll	Lab tape	Wards
	1	2	Boxes	Nitrile gloves, large – 100 count	Ward's
	1	2	Boxes	Nitrile gloves, medium – 100 count	Ward's
	1	2	Boxes	Nitrile gloves, x-large – 100 count	Ward's
	12	17	Each	Petri dish	Ward's
	5	8	Each	Ring stand	Ward's
	5	8	Each	Rubber stopper, two holes, size 6	Ward's
	20	30	Pair	Safety glasses	Ward's
	5	8	Each	Support ring, 10cm	Ward's
	40	60	Each	Test tubes, 25x150mm	Ward's
	5	8	Each	Thermometer	Ward's