

SGE Inventory by Vendor

Briggs and Stratton™

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	20	30	Each	PowerPortal accounts (See Teacher Notes)	Briggs and Stratton™

EETC

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	1	1	Each	Clear carburetor demonstration kit	EETC
	1	1	Each	Cutaway Engine (optional)	EETC

Goodheart-Willcox

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	10	15	Each	<i>Heavy Equipment Power Trains and Systems</i> text	Goodheart-Willcox
	20	30	Each	<i>Small Gas Engines</i> textbook	Goodheart-Willcox

Local – Consumables

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	20	30	Each	Coins, various sizes	Local – Consumables
	1	1	Each	Dish soap	Local – Consumables
	20	30	Pairs	Earplugs	Local – Consumables
	20	30	Pairs	Earplugs	Local – Consumables
	1	2	Bottle	Food coloring, red	Local – Consumables
	1	2	Bottle	Food coloring, red	Local – Consumables
	200	200	ml	Gasoline, engineered	Local – Consumables
	90	135	oz	Gasoline, engineered fuel, 4-cycle	Local – Consumables
	90	135	oz	Gasoline, engineered fuel, 4-cycle	Local – Consumables
	½	½	Gallon	Gasoline, from a pump	Local – Consumables
	20	30	Pairs	Nitrile gloves	Local – Consumables
	20	30	Pairs	Nitrile gloves	Local – Consumables
	1	1	Bag	Oil absorbent	Local – Consumables
	1	1	Bag	Oil absorbent	Local – Consumables
	1	1	Bag	Oil absorbent	Local – Consumables
	10	15	Bottle	Oil, SAE 30W	Local – Consumables
	10	15	Bottle	Oil, SAE 30W	Local – Consumables
	10	15	Each	Oil, SAE 30W, bottle (saved from <i>Activity 1.2.5</i>)	Local – Consumables
	30	45	Oz	Plumber's putty	Local – Consumables
	1	1	Each	Shop towels, disposable, roll	Local – Consumables
	1	1	Set	Shop towels, non-flammable	Local – Consumables

Local – Equipment

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	5	8	Each	Examples of outdoor power equipment (See <i>Lesson 3.1 Teacher Notes</i>)	Local - Equipment

Local – Facilities

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	5	8	Each	Engine running stations (tables to clamp engines down to when running)	Local – Facilities
	1	1	Each	Sink, shop	Local – Facilities

Local – Hardware

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	20	20	Each	Bolts, assorted type, size, threads, and grades	Local – Hardware
	1	1	Bag	Oil absorbent	Local – Hardware
	2	3	Each	Oil drain pan	Local – Hardware
	1	2	Roll	Shop towels, disposable	Local – Hardware
	10	15	Each	Syringe, 10ml	Local – Hardware
	10	15	Each	Syringe, 20ml	Local – Hardware
	20	30	Each	Syringe, 60ml	Local – Hardware

Local – Miscellaneous

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	1	1	Each	Sink, shop	Local – Miscellaneous
	1	1	Each	Small engine, cutaway (See Teacher Notes)	Local – Miscellaneous
	10	15	Each	Small engine, used or broken (See Teacher Notes)	Local – Miscellaneous

Local – Office

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	20	30	Each	(5) Tab dividers	Local – Office
	20	30	Each	(5) Tab label inserts	Local – Office
	20	30	Each	Binder, One-inch, three-ring	Local – Office
	20	30	Each	Clipboard	Local – Office
	10	15	Set	Colored pencils, assorted	Local – Office
	20	30	Each	Device with calculator	Local – Office
	10	15	Each	Glue stick, paste	Local – Office
	1	1	Roll	Masking tape	Local – Office
	20	30	Each	Paper, 8 ½"x11"	Local – Office
	1	1	Each	Permanent marker	Local – Office

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	1	1	Each	Scissors	Local – Office

Local – Supplies

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	10	15	Each	Device with camera (optional)	Local – Supplies
	20	30	Each	Device with internet access	Local – Supplies
	20	30	Each	Device with internet access and word processing programs	Local – Supplies
	10	15	Each	Device with timer	Local – Supplies
	20	30	Pairs	Device with word processing and internet access	Local – Supplies
	1	1	Bottle	Dish soap	Local – Supplies
	60	90	Pairs	Earplugs	Local – Supplies
	20	30	Pairs	Gloves, leather	Local – Supplies
	1	1	Each	Hair ties	Local – Supplies
	1	1	Each	Highlighter	Local – Supplies
	5	5	Each	Hot glue guns	Local – Supplies
	20	30	Each	Hot glue sticks	Local – Supplies
	10	15	Each	Index card	Local – Supplies
	10	15	Each	Magnet	Local – Supplies
	10	15	Bottle	Oil, SAE 30W	Local – Supplies
	10	15	Each	Oil, SAE 30W, bottle	Local – Supplies
	10	15	Each	Paper clip	Local – Supplies
	10	15	Each	Pencil	Local – Supplies
	10	15	Each	Permanent marker	Local – Supplies
	10	15	Set	Permanent marker, fine tip	Local – Supplies
	10	15	Box	Plastic bags, gallon, sealable (25 count)	Local – Supplies
	10	15	Each	Plastic container with lid, ½ cup	Local – Supplies
	10	15	Each	Posterboard	Local – Supplies
	2	3	Each	Shop towels, disposable	Local – Supplies
	10	15	Each	Storage tote	Local – Supplies
	1	1	Roll	Tape, duct	Local – Supplies
	1	2	Rolls	Tape, masking	Local – Supplies
	1	1	Box	Toothpicks	Local – Supplies

Local – Tools

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	10	15	Each	Baster	Local – Tools
	10	15	Each	Breaker bar, ½" drive	Local – Tools
	20	30	Each	C-clamps	Local – Tools
	5	8	Each	Compressed air supply (See Teacher Notes)	Local – Tools
	3	3	Each	Depth micrometer	Local – Tools
	10	15	Each	Dial caliper 6"/150mm	Local – Tools
	5	5	Each	Dial indicator with stand	Local – Tools
	10	15	Each	Digital multimeter (DMM)	Local – Tools
	1	2	Each	Drill	Local – Tools

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	1	2	Each	Drill bit set	Local – Tools
	10	15	Each	Extension bar, $\frac{3}{8}$ " drive	Local – Tools
	1	1	Each	Face shield	Local – Tools
	10	15	Each	Feeler gauge, SAE	Local – Tools
	1	1	Each	Fire-resistant shop coat	Local – Tools
	10	15	Each	Funnel	Local – Tools
	1	1	Each	Gas can, one-gallon	Local – Tools
	10	15	Each	Gear puller, 8"	Local – Tools
	1	1	Each	Hacksaw	Local – Tools
	1	1	Each	Hard hat	Local – Tools
	10	15	Each	IR thermometer	Local – Tools
	1	1	Each	Leather chaps or apron	Local – Tools
	1	1	Each	Leather gloves	Local – Tools
	1	1	Each	Liquid flammable disposal container	Local – Tools
	15	25	Each	Machine components (See <i>Lesson 2.3 Teacher Notes</i>)	Local – Tools
	3	3	Sets	Outside micrometer, set • Outside micrometer, 0–1" • Outside micrometer, 1–2" • Outside micrometer, 2–3"	Local – Tools
	10	15	Each	Pliers, slip joint	Local – Tools
	1	1	Each	Respiration mask	Local – Tools
	1	1	Each	Rubber gloves	Local – Tools
	10	15	Each	Socket wrench, $\frac{3}{8}$ " drive	Local – Tools
	10	15	Each	Socket, 10mm, $\frac{3}{8}$ " drive	Local – Tools
	10	15	Each	Socket, 10mm, $\frac{3}{8}$ " drive	Local – Tools
	10	15	Each	Socket, 12mm, $\frac{3}{8}$ " drive	Local – Tools
	10	15	Each	Socket, 12mm, deep well, $\frac{3}{8}$ " drive	Local – Tools
	10	15	Each	Socket, 13mm, $\frac{3}{8}$ " drive	Local – Tools
	10	15	Each	Socket, 17mm, $\frac{3}{8}$ " drive	Local – Tools
	10	15	Each	Socket, 21mm, $\frac{1}{2}$ " drive	Local – Tools
	10	15	Each	Socket, $\frac{5}{8}$ " spark plug, $\frac{3}{8}$ " drive	Local – Tools
	10	15	Each	Socket, $\frac{7}{16}$ ", $\frac{3}{8}$ " drive	Local – Tools
	10	15	Each	Socket, 8mm, $\frac{3}{8}$ " drive	Local – Tools
	5	8	Each	Spark plug gauge	Local – Tools
	3	3	Sets	Telescoping gauge, set	Local – Tools
	1	1	Each	Telescoping gauge, set	Local – Tools
	10	15	Each	Torque wrench, $\frac{3}{8}$ " drive, in-lb, beam	Local – Tools
	1	1	Each	Welding helmet	Local – Tools
	1	1	Each	Work boots or leather closed-toed shoes	Local – Tools
	10	15	Each	Wrench, 10mm	Local – Tools
	10	15	Each	Wrench, 14mm	Local – Tools
	3	3	Each	Wrench, $\frac{5}{8}$ "	Local – Tools

McMaster-Carr

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	10	15	Each	Barb hose fitting, 1/8" hose x 1/4" NPFT (Part # 5346K82)	McMaster-Carr
	10	15	Each	Pressure gauge with vacuum readings (Part # 4004K62, 0-15 psi)	McMaster-Carr
	10	15	Feet	Plastic tubing, 1/8" I.D. (Part # 5233K52)	McMaster-Carr

Power Distributors

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	10	20	Each	Alcohol tester	Power Distributors
	10	15	Each	<i>Briggs and Stratton™ OHV Repair Manual</i>	Power Distributors
	10	15	Each	Briggs and Stratton™ Small Engine Mode 120G32	Power Distributors
	5	8	Each	Cylinder leakdown tester with leakdown clamp and 2" bolt gauge	Power Distributors
	10	15	Each	Flywheel strap	Power Distributors
	10	15	Each	Fuel line pry tool	Power Distributors
	2	3	Each	Gasket, crankcase (as necessary)	Power Distributors
	2	3	Each	Gasket, head (as necessary)	Power Distributors
	2	3	Each	Governor arm (as necessary)	Power Distributors
	5	8	Each	Ignition tester	Power Distributors
	10	15	Each	Ring compressor	Power Distributors
	1	1	Each	Ring expander	Power Distributors
	10	15	Each	Ruler, Briggs and Stratton™	Power Distributors
	10	15	Each	Tachometer, digital	Power Distributors
	10	15	Each	Tang bender	Power Distributors
	10	15	Each	Torque wrench, 1/2" drive, ft-lb, click	Power Distributors

Vernier

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	10	15	Each	LabQuest or Device with Graphical Analysis™ app	Vernier
	10	15	Each	Vernier force sensor or Go Direct® force and acceleration sensor	Vernier
	10	15	Each	Vernier LabQuest or Device with Graphical Analysis™ software	Vernier
	10	15	Each	Vernier temperature sensor or Go Direct® temperature sensor	Vernier

Ward's

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	10	20	Each	Beaker, 250ml	Ward's
	10	15	Each	Graduated cylinder, 10ml	Ward's
	20	30	Each	Safety glasses	Ward's
	20	30	Each	Safety goggles	Ward's
	1	1	Each	UV light	Ward's