

Course Curriculum Materials

APP	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor	
1.1.1	1	1	Each	<i>Activity 1.1.1 Emergency Equipment Card</i>	CASE Teacher Notes	
	20	30	Set	Colored pencils, assorted	Local	
	1	1	Each	Emergency stop button	Local	
	1	1	Each	Eye wash/shower station	Local	
	1	1	Each	Fire alarm	Local	
	1	1	Each	Fire blanket	Local	
	1	1	Each	Fire extinguisher	Local	
	1	1	Each	First aid kit	Local	
	1	1	Each	Flammable waste can	Local	
	1	1	Each	Scissors	Local	
	1	1	Each	<i>SDS Binder</i>	Printed	
1.1.2	10	15	Each	Highlighter	Local	
	10	15	Set	Markers	Local	
	10	15	Each	Paper, copier	Local	
1.1.3	1	1	Each	Earplugs	Local	
	10	10	Each	Example workstations – See Teacher Notes	Local	
	1	1	Each	Face shield	Local	
	1	1	Each	Fire-resistant shop coat	Local	
	1	1	Pair	Gloves, disposable, lab	Ward's	
	1	1	Pair	Gloves, foodservice	Local	
	1	1	Pair	Gloves, leather	Local	
	1	1	Pair	Gloves, nitrile	Local	
	1	1	Pair	Gloves, rubber	Local	
	1	1	Pair	Hairnet	Local	
	1	1	Each	Hair ties	Local	
	1	1	Each	Hard hat	Local	
	1	1	Each	Laboratory coat	Ward's	
	1	1	Each	Leather chaps or apron	Local	
	1	1	Each	Respiration mask	Local	
	1	1	Each	Safety goggles	Ward's	
	1	1	Each	Welding helmet	Local	
	1	1	Each	Work boots or leather closed-toed shoes	Local	
		20	30	Each	<i>Agricultural and Technical Systems and Mechanics</i> textbook	American Technical Publishers
		20	30	Each	Device with Internet access	Local
	20	30	Pair	Safety glasses	Ward's	
1.1.4	1	1	Each	<i>Activity 1.1.4 Incident Cards</i>	CASE Teacher Notes	
	1	1	Each	Scissors	Local	
	20	30	Each	<i>Near Miss Report</i>	CASE Teacher Notes	
1.2.1	10	15	Pair	<i>Activity 1.2.1 ERG Cards</i>	CASE Teacher Notes	
	10	15	Pair	Digital device with Internet access	Local	
	10	15	Pair	<i>ERG 2020 digital application</i>	Digital application store	
	10	15	Pair	<i>ERG flowchart PDF</i>	CASE Teacher Notes	
	20	30	Each	<i>SDS form, ethanol</i>	CASE Teacher Notes	

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	20	30	Each	<i>SDS form, oil</i>	CASE Teacher Notes
1.2.2	20	30	Each	8½"x11" sheet of paper	Local
	10	10	Set	Colored pencils	Local
	20	30	Each	Digital device with Internet access	Local
	20	30	Pair	Scissors	Local
1.2.3	10	15	Pair	<i>Activity 1.2.3 Fire Extinguisher Cards</i>	CASE Teacher Notes
	20	30	Pair	Safety glasses	Wards
	5	7	Each	Tape measure, 100'	Local – Tools
1.2.4	10	15	Each	Board, 12' 2"x4", 3' length	Local – Tools
	5	7	Pair	Digital device (cell phone or Chromebook)	Local
	5	7	Each	Ear canal caps, semi-insert banded	Amazon
	5	7	Each	Ear plugs, custom molded	Amazon
	20	30	Pairs	Ear plugs, formable	Amazon
	5	7	Each	Ear plugs, pre-molded	Amazon
	5	7	Each	Earmuffs	Amazon
	5	7	Each	Hammer, claw	Local – Tools
	35	49	Each	Nail, 4d	Local – Tools
	20	30	Each	PPE appropriate for each space	Local
	20	30	Pair	Safety glasses	Wards
	5	7	Each	Sander, powered	Local – Tools
	5	7	Each	Sandpaper	Local – Tools
	1.2.5	5	7	Each	Calculator
5		7	Each	Highlighter, green	Local
5		7	Each	Highlighter, pink	Local
5		7	Each	Highlighter, yellow	Local
20		30	Each	<i>MN CTE Safety Manual pg. 19-22</i>	CASE Teacher Notes
20		30	Each	PPE appropriate for each space	Local
5		7	Group	Tape measure, 100'	Local
2.1.1	20	30	Each	Device with internet access	Local
	20	30	Each	<i>Seven Common Accident Causes</i>	Printed
2.1.2	20	30	Each	Device with internet access and word processing programs	Local
2.1.3	10	15	Each	Clipboard	Local
	10	15	Each	Device with camera	Local
	10	15	Each	Device with word processing and presentation programs	Local
2.2.1	20	30	Each	Clipboard	Local
	10	15	Each	Device with digital camera	Local
	10	15	Each	Device with Internet access	Local
	5	5	Each	Drill, hand, power	Local
	20	30	Each	Clipboard	Local
	20	30	Each	Device with Internet and word processing capabilities	Local
	20	30	Each	<i>Minnesota Schools General Laboratory/Shop Safety Resource: Student Materials PDF</i>	MN DOE CTE Safety
	20	30	Pair	Safety glasses	Local
	20	30	Each	<i>Activity 2.2.3 Lockout Tags</i>	CASE Teacher Notes
	20	30	Each	Clipboard	Local
10	15	Each	Drill, hand, electric-powered	Local – Tools	

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	10	15	Each	Electrical plug lockout device Fits most 110 and 220-volt plugs	Amazon
	10	15	Pair	Lockout hasp	Amazon
	1	1	Each	Lockout tagout 42-piece kit – Optional 6 lockout hasps 4 keyed different padlocks 1 ball-valve lockout 2 electrical plug lockouts 1 steel cable lockout 10 individual circuit breaker lockouts 16 tagout tags and zip ties	Amazon
	10	15	Pair	Padlock, keyed	Amazon
	10	15	Each	Permanent marker, black	Local
	20	30	Pair	Safety glasses	Wards
	20	30	Pair	Scissors	Local
	4	6	Each	Side cutters	Local – Tools
	80	120	Each	Zip tie, black, 6”	Amazon
3.1.1	1	1	Each	Alcohol burner	Lab-Aids
	1	1	Each	Beaker, 100ml	Ward’s
	1	1	Each	Burette clamp	Ward’s
	1	1	Each	Dropper, plastic	Lab-Aids
	1	1	Each	Electronic balance	Ward’s
	1	1	Pair	Gloves, disposable	Ward’s
	1	1	Each	Graduated cylinder, 100ml	Ward’s
	1	1	Pair	Hot hand protector	Ward’s
	1	1	Each	Lab apron or coat	Ward’s
	1	1	Each	LabQuest	Vernier
	1	1	Each	Microscope, compound	Ward’s
	1	1	Each	Petri dish	Lab-Aids
	1	1	Each	Pipet, 3ml	Lab-Aids
	1	1	Each	Ring stand	Ward’s
	1	1	Pair	Safety goggles	Ward’s
	1	1	Each	Support ring	Ward’s
	1	1	Each	Test tube, plastic	Lab-Aids
	1	1	Each	Thermometer	Ward’s
	1	1	Each	Temperature sensor or Go Direct® temperature sensor	Vernier
	1	1	Each	Weighing dish, 8.5x8.5x2.4 cm	Ward’s
3.1.2	20	30	Each	Beaker, 100ml	Ward’s
	4	6	Each	Beaker, 600ml	Ward’s
	4	6	Each	Electronic balance	Ward’s
	41	61	Pair	Gloves, disposable	Ward’s
	20	30	Each	Graduated cylinder, 100ml	Ward’s
	4	6	Each	Hot hand protector	Ward’s
	4	6	Each	Hot plate	Ward’s
	4	5	Box	Jell-O®, large	Local
	20	30	Each	Lab apron or coat	Ward’s
	3	5	Roll	Masking tape	Local
	1	2	Each	Microwave	Local
	25	40	Each	Paper, cardstock	Local

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	20	30	Each	Ruler, metric	Local
	20	30	Pair	Safety goggles	Ward's
	20	30	Pair	Scissors	Local
	20	30	Each	Spoon, plastic	Local
	4	6	Each	Stapler	Local
	20	30	Each	Stirring rod, glass	Ward's
	4	6	Each	Thermometer	Ward's
	-	-	-	Water source	Local
	20	30	Each	Weighing dish, 8.5x8.5x2.4 cm	Ward's
3.1.3	5	7	Each	Beaker 1000mL	Ward's
	1	1	Each	Bleach, 8.25% sodium hypochlorite	Local
	10	14	Each	Chlorine test strips, 100ct, 2000 ppm	Amazon or local
	-	-	-	Cool water source	Local
	5	7	Each	Device with Internet access	Local
	5	7	Each	Glass stirring rod	Ward's
	41	61	Pair	Gloves, disposable	Ward's
	5	7	Each	Graduated cylinder, 100mL	Ward's
	20	30	Each	Lab apron or coat	Ward's
	5	7	Each	Petri dish or Petrifilm®, dirty	Local
	20	30	Pair	Safety goggles	Ward's
	5	7	Each	Timing device, electronic	Local
3.2.2	5	8	Each	Hand soap	Local
	5	8	Each	Sink	Local
	5	8	Each	UV light	Ward's
	2	3	Each	CGMP handwashing signs	CASE Teacher Notes
	1	1	Bottle	Glo-Germ™ gel (white)	Lab-Aids or Ward's
	1	2	Roll	Paper towel	Local
	1	1	Each	Printer	Local
	2	2	Each	Glo Germ™ Comparison Chart	Printed
	1	1	Roll	Painter's tape	Local
3.2.3	2	3	Bunches	Cilantro	Local
	5	8	Each	Cutting board	Local
	5	8	Each	Knife, chef	Local
	5	8	Each	Knife, paring	Local
	5	8	Each	Knife, serrated	Local
	5	8	Each	Lime	Local
	5	8	Each	Mercer rules tool	Local
	5	8	Each	Spatula, silicone	Local
	3	4	Each	Onion, red	Local
	5	8	Each	Pepper, jalapeno	Local
	15	24	Each	Tomato, roma	Local
	5	8	Each	Weighing dish	Ward's
	3	4	grams	Cumin	Lab-Aids
	3	3	Each	Electronic balance	Ward's
	3	4	grams	Pepper	Local
	8	12	grams	Salt	Local
	20	30	Pairs	Disposable gloves, assorted sizes	Local or Ward's
	20	30	Each	Hairnet	Local
	20	30	Each	Lab coat	Ward's
4.1.1	20	30	Each	Device with Internet access	Local
	5	7	Each	Permanent marker, black	Local

APP	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	5	7	Each	Scissors	Local
	1	1	Roll	Tape, transparent	Local
	20	30	Each	Word processing software	Local
4.1.2	20	30	Each	Device with Internet access	Local
	5	7	Each	Permanent marker, black	Local
	5	7	Each	Scissors	Local
	1	1	Roll	Tape, transparent	Local
	20	30	Each	Word processing software	Local