

Chemistry Material List for All Labs

From HomeTrainingTools.com	Part Number	Order Link
Advanced Chemistry Science Kit	AM-KTADCHE	http://www.hometrainingtools.com/advanced-chemistry-science-kit
calcium carbonate	CH-CACO3	http://www.hometrainingtools.com/calcium-carbonate-chips-30-g
calcium hydroxide KEEP OUT OF REACH!	CH-CA(OH)2	http://www.hometrainingtools.com/calcium-hydroxide-30-g-lime
carbon rod	EL-ELECTC	http://www.hometrainingtools.com/carbon-electrode-rod-1-4x4
Chemistry Equipment Kit	CE-KIT01	http://www.hometrainingtools.com/chemistry-equipment-kit
Chemistry Lab Hardware Kit	CE-LABKIT	http://www.hometrainingtools.com/chemistry-hardware-kit
cobalt chloride KEEP OUT OF REACH!	CH-COCL2	http://www.hometrainingtools.com/cobalt-ii-chloride-15-g
Cool Blue Chemistry Kit	KT-COOLBLU	http://www.hometrainingtools.com/cool-blue-light-experiment-kit
diffraction grating, 1000 lines/mm	OP-DFG1000	http://www.hometrainingtools.com/diffraction-grating-1000-lines-mm
iodine (tincture)	CH-IODINE	http://www.hometrainingtools.com/iodine-solution-lugols-30ml
iron filings	CH-IRON	http://www.hometrainingtools.com/iron-metal-filings-30-g
litmus paper (blue)	CH-LITBLUE	http://www.hometrainingtools.com/litmus-paper-blue-100-strips
litmus paper (red)	CH-LITRED	http://www.hometrainingtools.com/litmus-paper-red-100-strips
magnesium strip	UN-MG	http://www.hometrainingtools.com/magnesium-ribbon-60-cm
disposable droppers	CE-PIPET	http://www.hometrainingtools.com/pipet-disposable-1-ml-10-pk
potassium permanganate KEEP OUT OF REACH!	UN1490	http://www.hometrainingtools.com/potassium-permanganate-30-g
sodium hydrogen sulfate (sodium bisulfate) KEEP OUT OF REACH!	UN-NAHSO4	http://www.hometrainingtools.com/sodium-bisulfate-30-g
sodium hydroxide KEEP OUT OF REACH!	UN1823	http://www.hometrainingtools.com/sodium-hydroxide-30g
Spectral Analysis Kit	OP-KIT01	http://www.hometrainingtools.com/spectroscope-analysis-kit/p/OP-KIT01/
sulfur	UN1350	http://www.hometrainingtools.com/sulfur-30-g
glass tube, 2 with a 90 degree right-angle bend*	CE-TUBEG6	http://www.hometrainingtools.com/tube-5-mm-glass-6-long
UV black light (shortwave) KEEP OUT OF REACH!	RM-SWLAMP	http://www.hometrainingtools.com/shortwave-ultraviolet-lamp
UV black light (longwave)	OP-BLKLITE	http://www.hometrainingtools.com/uv-black-light
wire	EL-WIRE24H	http://www.hometrainingtools.com/wire-insulated-copper-24-15ft
zinc powder (dust) KEEP OUT OF REACH!	CH-ZNPOWD	http://www.hometrainingtools.com/zinc-powder-15-g
From Jameco.com	Part Number	Order Link
alligator clips, 3	10444	http://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_10444_-1
9v battery clip	11280	http://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_11280_-1
digital multimeter	1928476	http://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_1928476_-1
LED	2152163	http://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_2152163_-1
AA battery case	216081	http://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_216081_-1
From ScienceCompany.com	Part Number	Order Link
sodium silicate	NC-0882	http://www.sciencecompany.com/Sodium-Silicate-Solution-16oz-P6375.aspx
From Amazon.com	Part Number	Order Link
Fuji film canister		http://www.amazon.com/Microlab-Scientific-Film-Canisters-Pack/dp/B00IMUBZFY/ref=sr_1_1?ie=UTF8&qid=1

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Chemistry Lab Equipment	Notes
9v battery	
AA batteries, 2	
activated carbon (fish store)	
alka seltzer (generic is fine)	
alum (spice rack)	
aluminum foil	
ammonia (clear)	
ammonium nitrate	Find at your local pharmacy: look for a single-use disposable cold pack
baking soda	
balloons, 4	
bicycle pump	
bleach (ADULTS ONLY)	
borax (sodium tetraborate)	
bowl	
brown paper bag	
calculator	
car tire valve	Visit a place that changes tires. For your experiment, drill a 1/2 inch hole through a 2L soda bottle cap and pull the valve gently through with pliers.
cardboard box	
cardboard paper towel tube	
CD (old)	
chalk	
charcoal (single piece)	
citric acid (spice section, used for preserving and pickling)	
corn syrup	
cornstarch	
cotton balls	
cotton swab	
dish soap	
disposable cups (package)	
disposable pie plate	
distilled water	
distilled white vinegar, 1 bottle	
dollar bill	
dry ice (ADULTS ONLY)	
empty water bottle	
ethyl alcohol	Find at your local pharmacy

Chemistry Lab Equipment	Notes
felt, black (4" square)	
film canister with tight-fitting lid	http://www.amazon.com/Microlab-Scientific-Film-Canisters-Pack/dp/B00IMUBZFY/ref=sr_1_1?ie=UTF8&qid=1455146396&sr=8-1&keywords=fuji+film+canister
fire extinguisher	
flameproof surface (large ceramic tile or cookie sheet)	
flashlight lamp	
foam cup	
food coloring dye	
freezer-grade zipper-style bags (you'll need quart and gallon sizes)	
glass jar (empty mayo or jam jar)	
gloves	
glue (clear or white)	
goggles	
hair dryer	
hard-boiled egg	
head of red cabbage	
heavy whipping cream	
honey	
hot glue or clay	
hydrogen peroxide	Find at your local pharmacy
index card	
isopropyl rubbing alcohol	Find at your local pharmacy
laundry bluing	Find at the grocery store
lemon	
lighter with adult help	
magnet	
markers	
masking tape	
matches with adult help	
measuring spoons	
measuring syringe	
molasses	
muffin tin or disposable cups	
nail (galvanized, shiny)	
orange or other citrus	
paper clip	
paper towels	
pencil (and spare graphite)	

Chemistry Lab Equipment	Notes
penny	
pepper	
pie pan	
pipe cleaners (or string or skewer)	
plastic bottle, empty	
plastic syringe (no needle, 5mL)	Find at your local pharmacy or animal supply store.
pond water sample	
popsicle sticks	
propane torch with adult help	
PVC pipe, 1/2" diameter by 6" long	
raw egg	
raw peanuts	
razor blades, 2 (ADULTS ONLY)	
rock salt (use table salt if you can't find it)	
rubber bands	
ruler (and a photocopy of it)	
salt	
sand (clean playsand)	
sandpaper	
saucepan (old one used just for chemistry)	
scissors	
silverware (real silver)	
sharp knife	
shiny metal key	
soda (clear)	
soda bottle, empty plastic 2L	
soda can (cold!)	
sodium acetate	Find this from inside a reusable hand warmer
sodium bicarbonate (baking soda)	
sponge	

Chemistry Lab Equipment	Notes
steel wool	
straw	
string	
sugar	
tablecloths (one for the table, another for the floor)	
tinsel	
tweezers or pliers	
vanilla flavoring	
vegetable oil	
wood screw (brass)	
whole milk	
wooden splint	
yeast (the kind you'd use for baking bread)	
yellow highlighter	
	<p>*You can easily make a bend in a 5mm glass tube by heating the tube in a candle or alcohol burner flame until the glass softens. Then carefully bend the tube to the desired shape and hold it in that position for a few seconds until the glass hardens again. Be sure to heat the glass tube over a section about 1-1/2' long to avoid crimping the tube when you bend it.</p>