



What Inquiry Should Be

## Active Chemistry Artist as Chemist

*Quantity is based on 1 group (recommended size: 4 students)*

Part No.	Durables/Group	Activity	Quantity	Sub-total Price
WR-0001	Large 24 well microplates	2, 3	2	Multi Unit
CL-6002	Alligator Clip Leads (singles)	3	2	Multi Unit
VI-0001	V/I Meter	3	1	Multi Unit
BK-0250	Beaker, 250 mL, Glass	3, 4, 7	1	Multi Unit
BK-0100	Beaker, 100 mL, Glass	2, 3, 7	3	Multi Unit
SH-7212	Large Ringstand	5	1	Multi Unit
RI-1025	Support Ring, Cast Iron, 2 1/2"	5	1	Multi Unit
PI-0015	Pipeclay triangle, 2"	5	1	
CR-0003	Low Form 50 ml Crucible	5	1	
TO-1260	Tongs, Crucible, 18"	4, 5, 7, 8	1	Multi Unit
SC-1010	Scoopula	5, 6	1	Multi Unit
LS-5004	Hand Lens 3 x 6	5	1	Multi Unit
BP-0060	Bottles, 60mL, Polyethylene Dropping, with dropper plug	6	8	
OT-0001	Overhead Transparencies	6	1	
BK-0150	Beaker, 150 mL, Glass	7	6	Multi Unit
WI-0001	Wire Gauze square With Ceramic Center, 4" x 4"	7	2	Multi Unit
HS-5630	Hot Plate, Student, Electric	7	1	Multi Unit
TO-1600	Tongs, Beaker, rubber coated	7	1	Multi Unit
RH-6132	Glass stirring rod 8"-12"	7	2	Multi Unit
Part No.	Durables/Class	Activity	Quantity	Sub total price
CG-0010	Graduated Cylinder, 10 ml, Plastic	2	1	
CS-0024	Graduated Cylinder, 100 mL, Plastic	2	2	
EL-0200	Electronic Scale - 0.01g Readability, 0-200 grams	2, 5, 7	2	Multi Unit
BK-1000	Beaker, 1 L, Glass	7	2	
Part No.	Consumables/Group	Activity	Quantity	Sub total price
BP-0002	Beral Pipets, Disposable, 3mL bulb draw, pkg. 10	2, 7	1	
CT-0032	Weighing Boat, pkg. 25	2, 5, 7	1	
ZB-0810	Ziplock Bag - Plastic 8"x 10", 4 ml	2	1	
FS-0050	Flexible Straw	2	1	
BS-1599	Battery, 9 Volt, Heavy Duty	3	3	
SS-2393	Steel Wool Pad, Fine	3, 4	1	
BO-0002	Bobby Pin	4	5	
PB-0002	Camel Hair Paint Brush - No. 2	6	8	
CP-0030	Cups, Polypropylene, 30mL	6, 8	30	
PH-0115	PH Strips 1-14 Range with color chart	7	1	
NW-0024	Wire, #24, Nichrome, 16 Ft	8	1	



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<b>CL-0003</b>	Artist Clay, Lb	5	5	
<b>EP-0016</b>	Epsom Salt	5	1	
<b>LI-0002</b>	Linseed Oil	6	1	
<b>TP-0100</b>	Toothpicks, pkg. 100	6	1	Multi Unit
Part No.	Additional Items Needed Not Supplied	Activity	Quantity	
<b>CA-0160</b>	Rubberized Cloth Aprons	All	28	
<b>GS-5016</b>	Safety Goggles	All	28	
	Distilled Water, gallon	2, 3, 7	2 GI	
	Pliers to cut metal strips	2, 3, 8	1	
	Pennies, post 1982	4	240-300	
	Bunsen Burners to be used in place of hotplate	4, 5, 6, 8	6	
	Kiln or Drying Oven-Optional	5	1	
	Dessicator-Optional	5	2	
	Dessicator Plate-Optional	5	2	
	Large spon to mix artist clay	5	1	
	Large bowl to mix artist clay in	5	1	
	Copy Paper to paint on	6	50	
	Egg White to use as a binder-Optional	6	6	
	Egg Yolk to use as a binder-Optional	6	6	
	Tea Bags	7	2	
	Wool, natural, unbleached, yarn, skein	7	1	
	Red Zinger Tea	7	1	
	Chamomile Tea Bags	7	1	
	Onion skins from 2 Lbs of onions	7	2	
	Beets	7	1 Lb	
	Red Cabbage	7	1 Lb	
	Carrot Tops	7	1 Lb	
	Other materials to use for extracting dyes	7	1	
	Paper Towels, roll	7	6	
	Wire Cutters or Scissors to cut Nichrome Wire	8	1	