



Director  
Center for Mathematics and Science Education  
NASA Educator Resource Center  
Northwest Arkansas Partnership, Arkansas Discovery Network

WAAX 202, #1 University  
Fayetteville, AR 72701  
Office: 479-575-3875  
Fax: 479-575-5680

November 16, 2008

To: State Educational Institutions

Subject: Cooperative Purchase of Educational Materials

The University of Arkansas, Fayetteville issued an Invitation for Bid for various educational aids to be used with Arkansas K-16 statewide mathematics and science professional development and classroom activities. These educational aids will be used in 34 higher educational institutions and over 250 school districts within our state.

The contract award is posted on the UA Purchasing website through "Arkansas K-16 Mathematics and Science Equipment Contract" < [www.uark.edu/admin/busaffrs/purchasing/](http://www.uark.edu/admin/busaffrs/purchasing/) > It is also posted on the UA Center for Mathematics and Science Education's website through < [www.uark.edu/~k12info](http://www.uark.edu/~k12info) > and the *Math and Science Equipment Bid List* icon

This type of contract does not bind any institution to purchase these products, but does allow the state agencies to legally procure the items without issuing a separate bid. The contract award lists pertinent information to assist you in purchasing listed items. **All orders MUST reference the appropriate Bid Number** (ex. UAF Bid Number R071907) and the Contractor's Bid Number, if available.

The purchasing departments of each school, school district, or institution of higher education should contact and coordinate purchases directly. For general questions regarding the bid list, contact Lynne Hehr, University of Arkansas *Center for Math and Science Education* at 479-575-3875 or [lhehr@uark.edu](mailto:lhehr@uark.edu) If you have questions regarding the company's bid or failure to comply with the prices listed here, please contact the UA Purchasing Manager, Andy Fletcher, through the Purchasing Office website.

Thank you.

## ARKANSAS K - 16 MATH & SCIENCE CRUSADE

BID #: R071907 Expiration Date: 08/31/2009

### Vendor Information

**NASCO** - Minimum Order: \$50.00

901 Janesville Ave.  
P.O. Box 901  
Fort Atkinson, WI 53538-0901  
Ph: (800) 558-9595  
Fx: (920) 563-8296  
Contact: Dave Johnson  
[www.eNASCO.com](http://www.eNASCO.com)

**Cynmar** - Minimum Order: \$25.00

P.O. Box 530  
21709 Route 4  
Carlinville, IL 62626  
Ph: (800) 223-3517  
Fx: (800) 754-5154  
Contact: Linda Huyear  
[www.cynmar.com](http://www.cynmar.com)

**Sciencelabs.com** - Minimum Order: \$50.00

P.O. Box 1657  
Kyle, TX 78640  
Ph: (512) 268-2765  
Fx: (512) 268-2766  
Contact: Krista Halfmann  
[www.sciencelabs.com](http://www.sciencelabs.com)

**Science Kit, LLC** - No Minimum Order

777 East Park Drive  
P.O. Box 5003  
Tonawanda, NY 14151  
Ph: (800) 828-7777  
Fx: (800) 828-3299  
Contact: Trisha Henderson  
[www.sciencekit.com](http://www.sciencekit.com)

**EAI Education** - Minimum Order: \$30.00

P.O. Box 7046  
Oakland, NJ 07436  
Ph: (800) 770-8010  
Fx: (201) 891-5689  
Contact: Bernard Guglberger

**CPW - Classroom Products Warehouse** - Minimum Order: \$25.00

255 N. Fairway Drive  
Vernon Hills, IL 60061  
Ph: (888) 271-8305 Ex. 3067  
Fx: (888) 280-6110  
Contact: Barbara Glasser  
[www.cpwco.com](http://www.cpwco.com)

**ETA/Cuisenaire** - Minimum Order: \$25.00

500 Greenview Court  
Vernon Hills, IL  
Ph: (800) 445-5985  
Fx: (888) 333-9588  
Contact: Cara Ruiz  
[www.etaquisenaire.com](http://www.etaquisenaire.com)

**Frey Scientific** - No Minimum Order (Please reference Quote # 2008201814SS When Ordering)

P.O. Box 3000  
80 Northwest Blvd.  
Nashua, NH 03061  
Ph: (800) 225-3739  
Fx: (877) 256-3739  
Contact: Trish Fields  
[www.Freyscientific.com](http://www.Freyscientific.com)

**Capital Microscope Services** - Minimum Order: \$50.00

P.O. Box 462  
Marietta, GA 30061  
Ph: (800) 377-4289  
Fx: (770) 422-1833  
Contact: Don Minns  
[www.microscopesandmore.com](http://www.microscopesandmore.com)

**NADA Scientific, Ltd.** - Minimum Order: \$100.00 (All orders below \$100.00 will result in a S/H fee of \$15.00 added to the total order)

39 Butternut Street  
P.O. Box 1336  
Champlain, NY 12919  
Ph: (800) 799-6232  
Fx: (518) 297-3524  
Contact: Nouri Dassi  
[www.nadascientific.com](http://www.nadascientific.com)

**PLEASE NOTE: When placing your order for any of the following items, be sure to include "U of A Bid # R071907" on your purchase order.**

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
<b>1</b>	<b>ACCELERATION TIMER</b> The rotary action of this timer produces very low drag, greatly reducing experimental error. The 1.5v motor produces 30-50 marks per second. 13mm paper tape moves over a large metal plate that provides the striking surface. Complete with carbon discs and one roll of tape. Requires 2 "D" batteries.	\$23.44/ea	SB19009X	NASCO
<b>2</b>	<b>ACRYLIC FILTER SET</b> Set of 5, Acrylic filters each measure 5cm square and 3mm thick. Conveniently supplied in a plastic box. Includes: one each of blue, green, yellow, orange, and red filters.	\$2.95/ea (Pk/5)	7-1404-12	Sciencelabs.com
<b>3</b>	<b>ALGEBLOCKS for Middle School</b> Deluxe classroom kit for 24 students with 816 blocks, 72 mats (24 of each type), 24 factor tracks, overhead Algeblocks, 2 Versa Tote storage centers and teacher's resource binder.	\$389.95/ea	BD40583	ETA/Cuisenaire
<b>4</b>	<b>ALGEBLOCKS for High School</b> Comprehensive kit for 24 students. 5 sets of double-sided activity cards, teacher's resource kit, set of over-head Algeblocks, set of demo Algeblocks, 2 training videos, 816 blocks, 72 mats (24 of each type), 24 factor tracks and 2 Versa Tote storage centers.	\$675.00/ea	BD40884	ETA/Cuisenaire
<b>5</b>	<b>ALGEBRA TILES, Student Set</b> 32 two-color plastic pieces. Concrete models of integers & variables. Allows students to build geometric models of polynomials. Grades 8 - 12.	\$1.35/ea	BC-020288	CPW
<b>6</b>	<b>ALGEBRA TILES, Overhead</b> 70 clear plastic tiles in 4 colors & 3 shapes, with teacher's guide. Grades 6 and up.	\$5.16/ea (Set/96)	17156-04	Science Kit, LLC
<b>7</b>	<b>ALLIGATOR CLIPS</b> 24 gauge connector cords with 1" sheathed alligator clips on each end. For all types of low voltage uses. Black.	\$0.21/ea	45024	Sciencelabs.com
<b>8</b>	<b>ALLIGATOR CLIPS</b> 24 gauge connector cords with 1" sheathed alligator clips on each end. For all types of low voltage uses. Red.	\$0.21/ea	45023	Sciencelabs.com
<b>9</b>	<b>ALLIGATOR CLIPS</b> 24 gauge connector cords with 1" sheathed alligator clips on each end. For all types of low voltage uses. Yellow.	\$0.21/ea	45021	Sciencelabs.com
<b>10</b>	<b>ALLIGATOR CLIPS</b> 24 gauge connector cords with 1" sheathed alligator clips on each end. For all types of low voltage uses. Green.	\$0.50/ea	N235-9122-03G	NADA Scientific
<b>11</b>	<b>ALPHASHAPES, Overhead</b> 52 piece set of interrelated polygons (Convex/concave, regular/irregular, curved/non-curved, tessellating/non-tessellating), 26 pairs in transparent green & orange, each piece lettered A to Z, angles numbered, with teacher's guide. Grades 3 - 12.	\$10.00/ea	BD034197	ETA/Cuisenaire

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
12	<b>ALTITUDE SET</b> Set of 7 geometric solids with an attached cord to illustrate diameter, altitude and the slant, height of 3-dimensional solids. Clear plastic with yellow base. Set includes square prism(150 mm), sphere (120 mm), triangular pyramid (125 mm), square pyramid (115 mm), hexagonal pyramid (150 mm), cylinder (150 mm), and cone (155 mm). Grades 7 and up.	\$192.00/ea	BC-5501080	CPW
13	<b>ANEMOMETER</b> 13" high, heavy plastic, mph scaling, handheld or permanently mounted. Students read the Beaufort scale as arms move outward. Included key translates to mph, kph & meters/second.	\$25.00/ea	TB13291	ETA/Cuisenaire
14	<b>ANEMOMETER, Simple</b> Measures speed and direction of wind. Speed ranges 0-17 m/s $\pm$ 10%. Directions divided into 16 azimuths. Built-in compass. Grade 6 - college.	\$10.70/ea	TB41473	ETA/Cuisenaire
15	<b>ANEMOMETER</b> Demonstrates the operating principle of cup anemometers. Extra sensitive, high-quality responds to wind velocities of 2 mph. Made from corrosive resistant materials for prolonged outdoor use. Teachers guide includes wind convection, coriolis force, and friction.	\$10.42/ea	SB16581X	NASCO
16	<b>APRON, All Purpose, Disposable</b> 1.75 mil polyethylene. Liquid proof and acid resistant. 28" x 45". Packed 100 aprons per dispenser box.	\$7.00 (100/bx)	N01-PD2846	NADA Scientific
17	<b>APRON, ANATOMY</b> Washable vinyl apron with removable vinyl pictures of intestines, heart, stomach, liver & lungs, attach by Velcro, with teacher's guide & reproducible lessons. Grades Pre K - 3.	\$15.37/ea	TB92389	ETA/Cuisenaire
18	<b>APRON, LABORATORY</b> Black, chemical-resistant rubberized aprons. Flexible & lightweight 24" x 30 " L Child Size	\$3.43/ea	SB37271X	NASCO
19	<b>APRON, LABORATORY</b> Black, chemical-resistant rubberized aprons. Flexible & lightweight 27" X 36 " l	\$2.80/ea	TB23181	ETA/Cuisenaire
20	<b>AQUARIUM/TERRARIUM 1½ gal</b> 1½ gal container made of a flexible plastic that is break- and crack-resistant. Conveniently stacks for storage. Size, 5¼" W x 7" H x 11¼" L.	\$4.95/ea	SB12198M	NASCO
21	<b>AQUARIUM/TERRARIUM, lid 1½ gal</b> Flexible, snugly fitting plastic cover prevents escape of specimens and easily converts aquarium to a terrarium. Dial ventilator helps control air flow.	\$5.00/ea	SB13248M	NASCO
22	<b>AQUATIC NET</b> Nets have lightweight aluminum handles. Bags are made of sturdy unbleached muslin, with skirts that extend below the mesh to prevent snagging. 12" triangular net bag fastens to a two-piece, 5 ft. handle.	\$12.93/ea	160-26166	Cynmar
23	<b>AREA SET, Lateral</b> Set of 6. Clear plastic models and 6 fold-down plastic nets. Includes cube (100 mm), triangular pyramid (125 mm), hexagonal pyramid (150 mm), rectangular prism (200 mm), square pyramid (110 mm) and Activity Guide. Grades 6 and up.	\$184.50/ea	BC-5501100	CPW
24	<b>ATOMIC ORBITAL SET</b> This set contains sufficient parts for 14 easy-to-make, self-assembled atomic orbitals. Pink and	\$36.17/ea	15-528385-21 Page 442	Frey Scientific

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	purple pear-shaped lobes represent the two wave phases - positive and negative of the p and d atomic orbitals. The atomic nuclei are represented by opaque white spheres. Each model comes with a transparent base for display. Model heights (including base) are: 2" s orbital, 3-1/2" p orbital, and 3" d orbital. Set comes with parts to build the following models: one 1s unhybridized; one 2s unhybridized; three 2p unhybridized; five 3d unhybridized; one 2s plus three 2p unhybridized; and three sp, sp <sup>2</sup> , and sp <sup>3</sup> hybridized. Grade 9 and up.			
25	<b>ATTRIBUTE BLOCK HOOPS</b> Set of 6. Clear plastic models and 6 fold-down plastic nets. Includes cube (100 mm), triangular pyramid (125 mm), hexagonal pyramid (150 mm), rectangular prism (200 mm), square pyramid (110 mm) and Activity Guide. Grades 6 and up.	\$3.50/ea	BC-5500495	CPW
26	<b>ATTRIBUTE LOGIC BLOCKS, Group Set</b> Colorful plastic blocks in 5 shapes (circle, square, rectangle, equilateral triangle, hexagon), 3 colors, 2 sizes, 2 thicknesses. 60 blocks in plastic sorting tray, 2½" large pieces, 1½" small pieces. With instruction booklet. Grade Pre K - 6	\$5.50/ea	530242	EAI Education
27	<b>ATTRIBUTE LOGIC BLOCKS, Desk Set</b> Colorful plastic blocks in 5 shapes (circle, square, rectangle, equilateral triangle, hexagon), 3 color, 2 sizes, 2 thicknesses. 60 blocks in plastic sorting tray, 1½" large pieces, ¾" small pieces, instruction booklet. Grades Pre K - 6	\$3.50/ea	BD5708X	ETA/Cuisenaire
28	<b>ATTRIBUTE LOGIC BLOCKS, Overhead</b> Set of 36 pieces, 2 sizes, 3 colors, 6 shapes (hexagons, squares, rectangles, circles, isosceles right triangles, equilateral triangles).	\$1.99/ea (Set/30)	525043	EAI Education
29	<b>BALANCE, Algebra</b> Sturdy 17" plastic balance with 4 plastic pans, set of plastic weights, 4 plastic canisters and instructional booklet.	\$13.00/ea	BC-020285	CPW
30	<b>BALANCE, Cent-o-Gram</b> The three point base, special floating bearing principle, and beam design eliminates the need for level adjustment. Zeroing by means of a counterbalancing knob at the end of the beam. Aluminum pressure castings for the base and beam assembly, agate bearings, steel knife edges and stainless steel pans.	\$75.00/ea	B-500-0 Walter	Capital Microscope
31	<b>BALANCE, Primer</b> Lightweight beginner balance ideal for many simple classroom activities with both liquids and solids, zero adjustment knob, dual pointers for viewing results from either side, 2000 g capacity, accurate to 1 g. 500 mL buckets. polystyrene platform dimensions: 4" W x 4" H, 5 year warranty. Includes activity guide.	\$7.35/ea	531147	EAI Education
32	<b>BALANCE, Electronic</b> <b>Ohaus Scout Pro.</b> Portable, 400 g capacity, 0.1 g precision & readability, LCD display, overload and spill protection, with AC adapter.	\$96.00/ea	SPE 401-Ohaus	Capital Microscope
33	<b>BALANCE, Electronic</b> Portable, 200 g capacity, 0.01 g precision & readability, LCD display, overload and spill protection, with AC adapter.	\$79.90/ea	531207	EAI Education
34	<b>BALANCE, School</b> 2000 g capacity and readings accurate to 0.5 g, dual pointers for viewing results from either side, includes 8 piece mass set: 1-50g, 1-20g, 2-10g, 1-5g, 2-2g, 1-1g masses, interchangeable and washable weighing pans easily removed for pouring, cleaning,	\$15.50/ea	BC-5572015	CPW

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	& storing. 5 year warranty. Includes instruction manual.			
35	<b>BALANCE, Equabeam</b> Self correcting, double-sided crossbeam with numbers imprinted on one face and blank face with tracks to hold value strips. Two non-spill storage compartments hold twenty 10-gram hanging weights when not in use. Four pre-printed value strips to teach time, measurement, money and arithmetic concepts. Blank, write-on/wife-off value-strips, calibration clips. 10½" H x 31" L x 4" D	\$7.00/ea	532306	EAI Education
36	<b>BALANCE, Triple Beam</b> With weights, 0.1 g to 610 capacity, unrestricted platform to permit weighing objects of almost any size or shape. 5-year warranty. Grades 5 - 12.	\$54.00/ea	TG-01	Sciencelabs.com
37	<b>BALL AND RING</b> Brass ball, ¾" diameter, fits into brass ring. Ball passes freely through ring when both are at same temperature. After application of heat, as little as 100° C change in temperature, the ball cannot pass through the ring until it cools or until the ring is heated. Wooden handles.	\$4.79/ea	U 3226-00	Sciencelabs.com
38	<b>BAROMETER</b> Mounted in sturdy plastic case, calibrated in the international standard millibars & inches. 2¾" diameter. With setting instructions.	\$11.73/ea	SB33155M	NASCO
39	<b>BASE TEN BLOCKS, Interlox. Class Set</b> For 20-25 students. 400 units, 200 rods, 40 flats, 4 cubes, 25 place value mats, Interlock Base Ten Blocks Activity book and a Learning About...Interlox Base Ten Blocks Activity Guide. Packaged in a four-unit Versa tote storage center.	\$60.99/ea	LER 6358 (600 units)	Sciencelabs.com
40	<b>BASE TEN BLOCKS, Class Set</b> For 20-25 students. Includes 400 units, 200 rods, 40 flats, 4 cubes, 25 Place Value Mats. With Base Ten Blocks Activities book and Learning About . . . Base Ten Blocks Activity Guide. Packaged in 4-unit Versa Tote storage center, orange plastic. G	\$60.99/ea	LER 0932 (600 units)	Sciencelabs.com
41	<b>BASE TEN BLOCKS, Place Value Set</b> For 10-15 students. Includes 200 units, 100 rods, 20 flats, 2 cubes, 25 Place Value Mats, Learning With Base Ten Blocks Teacher guide, Base Ten Blocks Activities book & Learning About . . . Base Ten Blocks activity guide. Packaged in 2 Vera Tote storage containers, orange plastic. Grades 1 - 6.	\$38.42/ea	LER 0931	Sciencelabs.com
42	<b>BASE TEN BLOCKS, Overhead</b> 31 pieces. Single set with 20 units, 10 tens (rods) and 1 hundreds (flat). Orange. Grades 1 - 8.	\$2.17/ea	BD5548	ETA/Cuisenaire
43	<b>BASE TEN BLOCKS, Overhead</b> 52 pieces, 30 units, 20 rods, 2 flats. Orange plastic.	\$2.33/ea (Set/52)	525040	EAI Education
44	<b>BATTERIES, AA</b> Each. General purpose carbon zinc, 1.5 v.	\$0.30/ea	UD 5312	Sciencelabs.com
45	<b>BATTERIES, AAA</b> Each. General purpose carbon zinc, 1.5 v.	\$0.30/ea	UD 5313	Sciencelabs.com
46	<b>BATTERIES, D</b> Each. General purpose carbon zinc, 1.5 v.	\$0.87/ea	TB20743-1	ETA/Cuisenaire
47	<b>BATTERY ELIMINATOR-Dual Voltage</b> .5v and 3v dc, 3a from two mm banana jacks. Comes with 3 wire grounded cord for operations on 120v.	\$49.94/ea	SB22466M	NASCO

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
48	<b>BATTERY HOLDER, Single</b> D-cell holder, holds single battery. Color-coded (positive or negative) leads.	\$.69/ea	15-27787-21 Page 710	Frey Scientific
49	<b>BATTERY HOLDER, Double</b> D-cell holder, holds two batteries. Color-coded (positive or negative) leads.	\$0.78/ea	BH 111A-GR	Sciencelabs.com
50	<b>BEAKER, Borosilicate Glass, 30 mL</b> Graduation is of white enamel. Extra large marking spot.	\$1.80/ea	1735-02	Science Kit, LLC
51	<b>BEAKER, Borosilicate Glass, 50 mL</b> Graduation is of white enamel. Extra large marking spot.	\$1.29/ea	EQ4102	Sciencelabs.com
52	<b>BEAKER, Borosilicate Glass, 150 mL</b> Graduation is of white enamel. Extra large marking spot.	\$1.44/ea	EQ4106	Sciencelabs.com
53	<b>BEAKER, Borosilicate Glass, 250 mL</b> Graduation is of white enamel. Extra large marking spot.	\$1.64/ea	EQ4108	Sciencelabs.com
54	<b>BEAKER, Borosilicate Glass, 400 mL</b> Graduation is of white enamel. Extra large marking spot.	\$2.07/ea	EQ4110	Sciencelabs.com
55	<b>BEAKER, Borosilicate Glass, 600 mL</b> Graduation is of white enamel. Extra large marking spot.	\$2.81/ea	EQ4114	Sciencelabs.com
56	<b>BEAKER, Borosilicate Glass, 1000 mL</b> Graduation is of white enamel. Extra large marking spot.	\$4.78/ea	EQ4118	Sciencelabs.com
57	<b>BEAKER, Borosilicate Glass, 2000 mL</b> Graduation is of white enamel. Extra large marking spot.	\$10.15/ea	1735-12	Science Kit, LLC
58	<b>BEAKERS, Graduated, Polypropylene</b> 5-piece set of 50, 100, 250, 600, & 1000 mL. Strong polypropylene plastic, hot-stamped with black numbers, over-sized to prevent spilling.	\$6.67/ea (Set 5x1)	15-531688-21 Page 742	Frey Scientific
59	<b>BEAKERS, Graduated, Polypropylene with Handle</b> 5-piece set of : 250 ml, 500 ml, 1000 ml, 2000 ml, and 5000 ml, molded in polypropylene, clear, autoclavable, and good chemical resistance. Each includes a handle for easy and convenient lifting and raised graduations for easy reading.	\$11.55/ea	SA05352X	NASCO
60	<b>BEAKERS, Pyrex Set</b> Corning® beakers--250 through 4000 ml beakers have a double-graduated metric scale to indicate approximate content. All sizes have an extra large marking spot. Includes one each of 50 ml, 100 ml, 250 ml, 600 ml, and 1000 ml beakers.	\$16.13/ea	SB42615X	NASCO
61	<b>BICYCLE GYROSCOPE</b> 66 cm diameter bicycle wheel freely turns on ball bearings and has a handle at each end of the axle.	\$50.29/ea	500-14413	Cynmar
62	<b>BOTTLE ROCKET LAUNCHER</b> Students pressurize a plastic bottle w/bicycle pump (not included). Launcher to be solid aluminum with simple triggering mechanism and mounting stakes. With instructions and paper altimeter for determining rocket attitude.	\$19.40/ea		ETA/Cuisenaire
63	<b>BLOOD PRESSURE KIT, Student</b> The perfect blood pressure kit for students. The set includes professional quality, reliable components including a color-coded stethoscope (ideally suited for easy detection of systolic and diastolic points), bulb, cuff, and sphygmomanometer with a scientifically balanced manometer with 300 mm dial. Pressure cuff has Velcro® closure system. Includes	\$9.54/ea	A3646-52	Sciencelabs.com

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	blood pressure record forms, step-by-step instructions, and vinyl carrying case.			
64	<b>BURNER, BUNSEN</b> Heavy base to prevent tipping and adjustable gas and air inlets; brass, threaded needle valve plus rubber O-ring provides gas regulation while preventing gas leakage. Requires burner tubing with i.d. of 5/16"	\$6.06/ea	SB09397X	NASCO
65	<b>BURNER, TIRRILL</b> Natural gas (medium btu), flames from 2 cm to 30 cm. Allows adjustment of both air and gas supplies; adjustable air ports regulate air and brass needle valve regulates gas supply; requires burner tubing 3/8" i.d.	\$6.99/ea	Q97-5301	Sciencelabs.com
66	<b>BUTTERFLY NET, Nylon</b> Hardwood handle, 30" long. 12" diameter frame, extra-strong nylon net. With instructions and chart showing geographical location of North American insects. 42" long. Fabric U.S.A.	\$16.60/ea	15-531530-21 Page 333	Frey Scientific
67	<b>BUTTERFLY PAVILION HABITAT</b> Airy 2 ft. mesh enclosure used for hatching, catching, keeping & observing insects. Collapsible, freestanding or hangable, zippered entry. Washable.	\$8.54/ea	A9115-24	Sciencelabs.com
68	<b>CAR, IMPACT</b> The impact car is used to visually demonstrate the increase in momentum of an object as the mass increases. It is equipped with a spring scale and slide that is displaced on impact against a wall or similar obstacle. The slide remains in its displaced position until reset, allowing students to take direct readings to measure the force.	\$7.12/ea	15-578611-21 Page 574	Frey Scientific
69	<b>CAR, BALLISTICS</b> Demonstrates that the forward velocity of a ball shot vertically from a moving car is the same as the forward velocity of the car. The hardened cone bearings on this car permit it to roll on a one-degree incline. It comes with a 2.5 cm diameter steel ball that can be shot from the spring-loaded barrel by means of a release pin and cord. The spring has 2 settings.	\$24.82/ea	7-1600-9	Sciencelabs.com
70	<b>CARDS, Overhead</b> Transparent, standard deck of 52 playing cards.	\$6.38/ea	033-9439-31 Page 151/Elem.	Frey Scientific
71	<b>CENTIMETER CUBES</b> Set of 1000. Plastic 1 cm cubes in 10 colors in resealable tube with Activity Guide. Grades 1+	\$9.57/ea		ETA/Cuisenaire
72	<b>CENTIMETER CUBES, Interlocking</b> Set of 1000. Brightly colored interlocking cubes each measure 1 cm and weigh 1 g. Sets include cubes in 10 different colors in storage bucket. Grades 1 - 8.	\$10.89/ea	531062 (Set/1000)	EAI Education
73	<b>CHEMPLATES</b> Molded high-impact, completely transparent plastic trays with 12 large numbered cavities, an additional jumbo-sized cavity, plus a snap-off cap and measuring spatula. The snap-off cap fits onto any test tube cavity creating a safe gas-generating chamber. About the size of an index card, reusable. Each cavity of the Chemplate® holds up to 3 ml. Package of 10.	\$10.24/ea	Kit # 800	Sciencelabs.com
74	<b>CHEMISTRY OF CARBOHYDRATES, Lab Aids</b> Plastic models of carbon tetrahedrons, hydrogen, and, oxygen atoms, and flexible bonding rods are used to assemble 3-D models of saccharides, disaccharides, and polysaccharides showing dehydration synthesis and hydrolysis. Set contains 12 student packets of materials. (9 - 12)	\$64.76/ea	Kit # 510	Sciencelabs.com
75	<b>CHEMISTRY OF FATS, Lab Aids</b> Plastic models of carbon tetrahedrons, hydrogen, and, oxygen atoms, and flexible bonding rods are used to assemble 3-D models of fatty acids and glycerol to form a fat molecule.	\$64.76/ea	Kit # 511	Sciencelabs.com

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	Dehydration synthesis and hydrolysis are also shown. Set contains 12 student packets of materials. (9 - 12)			
<b>76</b>	<b>CHEMISTRY MOLECULAR MODELS--Organic ( Hydrocarbons), Lab-Aids</b>	\$29.96/ea	15-529267-21 Page 648	Frey Scientific
	Plastic models of carbon tetrahedrons, hydrogen, and flexible bonding rods are used to assemble 3-D models of alkanes and isomers, alkenes, and alkynes. Set contains 12 student packets of materials. (9 - 12)			
<b>77</b>	<b>CHEMISTRY OF PROTEINS, Lab Aids</b>	\$64.76/ea	Kit # 512	Sciencelabs.com
	Plastic models of carbon tetrahedrons, hydrogen, nitrogen, oxygen atoms and flexible bonding rods are used to assemble 3-D models of amino acids plus showing dehydration synthesis and hydrolysis. Set contains 12 student packets of materials and worksheet.			
<b>78</b>	<b>CIRCUIT BOARD SET</b>	\$13.69/ea	BS27587M	NASCO
	2 "D" batteries, 2 battery holders, 5 hookup wires with alligator clips, pegboard circuit board, 2 bulbs with bulb holders, 1 code key/switch, Electron Man cartoon, instructions and teacher's guide. For 4-8 students. Grades 3 - 8.			
<b>79</b>	<b>CIRCUIT BOARD</b>	\$8.17/ea	46135-00	Science Kit, LLC
	BASIX-S Student Electricity Kit. Teaches about series, parallel & short circuits, switches, voltage, current & resistance. Includes 1-DC ammeter, 10-Alligator clip lead 16", Peg board 12x15x1/8, 2-Investigating Elect study workbook, Teachers guide.			
<b>80</b>	<b>CIRCUITS KIT, SIMPLE</b>	\$15.94/ea	SB27587X	NASCO
	Includes: 2 "D" batteries, 2 battery holders, 5 hookup wires with alligator clips, pegboard circuit board, 2 bulbs with bulb holders 1 code key/switch, Electron Man cartoon, instructions and teachers guide. For 4 - 8 students. Grades 3 - 8.			
<b>81</b>	<b>CLAMP, Single Buret</b>	\$3.31/ea	7-G37A	Sciencelabs.com
	Clamp portion made of zinc-plated iron; will accept tube-type objects from 3/8" to 1 3/8" in diameter (burets and test tubes).			
<b>82</b>	<b>CLAMP, Test Tube</b>	\$0.61/ea	2030-01	Sciencelabs.com
	Self closing jaws, takes test tubes 6-32 mm in diameter; clamp with finger grips.			
<b>83</b>	<b>CLOCK, Judy Class Pack</b>	30.00/ea	531130	EAI Education
	24 mini-clocks and teacher's guide, Masonite 14" clock face has large numerals, movable plastic hands, visible functioning gears and elapsed time indicated at 5-minute intervals, detachable base for storage. Mini-clocks are 4" diameter.			
<b>84</b>	<b>CLOCKS STAMPS</b>	\$6.00/ea	BC-5512104	CPW
	Set of 3 rubber stamps with circular faces depict different time increments: hour divisions with numerals; hour divisions only; and minute and hour divisions. Image has 2" diameter.			
<b>85</b>	<b>COIL SPRING</b>	\$7.52/ea	SB13634X	NASCO
	Spiral spring for demonstrating wave phenomena, 2 meter collapsed length x 20 mm diameter, stretches to 12 meters.			
<b>86</b>	<b>COINS</b>	\$5.96/ea	100-1271-31 Page 139/Elem.	Frey Scientific
	Bag of 96. High quality plastic coins with serrated edges. 30 pennies, 20 nickels, 20 dimes, 20 quarters, 4 half-dollars, 2 Sacagawea dollars.			
<b>87</b>	<b>COIN SET, Overhead</b>	\$2.50/ea	BC-5517051	CPW
	Life-sized coins show both heads and tails. Set of 45. 15 pennies, 10 nickels, 10 dimes, 8 quarters, 2 half-dollars.			

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
88	<b>COLOR CUBES</b> Set of 100. 2-cm polished hardwood cubes in 6 colors. All grades.	\$5.00/ea (Set/102)	530639	EAI Education
89	<b>COLOR DISK SET, NASCO</b> NASCO Exclusive; materials provided allow students to identify, order, and measure the percent distribution of the elementary colors in sunlight and incandescent light. A variable color wheel enables students to combine elementary and primary colors of light to produce the complementary colors, and also "white light." Includes teacher's guide, blackline master, and answer key.	\$66.30/ea	15-529282-21 Page 624	Frey Scientific
90	<b>COLOR FILTERS, Acrylic</b> High-quality acrylic filters in red, green, and blue. Ideal for use with the overhead projector to demonstrate that the color of a material depends upon the color of the light it is capable of reflecting, and the color of the light incident upon its surface.	\$2.17/ea	SB14384X	NASCO
91	<b>COLOR PADDLES</b> Individual transparent hard plastic paddles, 5 each red, blue & yellow; for teaching color and light. Grades K - 6.	\$1.71/ea (Set/6)	A9994-06	Sciencelabs.com
92	<b>COLOR TILES</b> Set of 400. Plastic 1" square tiles in 4 colors (red, blue, yellow & green). In Versa-Tote storage container.	\$7.43/ea		EAI Education
93	<b>COLOR TILES, Overhead</b> Set of 48. 1" squares, red, green, blue & yellow.	\$1.19/ea		EAI Education
94	<b>COMPASS, Circle Master</b> Aluminum, 3-disk design holds pencil and stylus in place for smooth adjustments, one locking center nut, scaled in inches and centimeters from 0 - 10", can be hooked in tandem for larger circles, stylus point retracts for carrying.	\$1.55/ea	BD4119 - Page 192	ETA/Cuisenaire
95	<b>COMPASS, Sunnto Partner II</b> Graduated 0 to 360° (Azimuth) in 2° units. Features a liquid-filled capsule, a declination correction scale, and scales in cm, inches, 1:24,000, and 1:62,500. Rounded baseplate fits comfortably in your hand and has red print, a black bezel with white print, and a tapered map edge. 2-1/4" x 3-1/2". Lanyard included.	\$3.48/ea	15-568373-21 Page 331	Frey Scientific
96	<b>COMPASS, Magnetic</b> Directional, 45 mm diameter, aluminum case, glass top, ring, hinged cover and a lock to hold pointer stationary.	\$1.98/ea	SB26080X	NASCO
97	<b>COMPASS, Magnetic, Small</b> 20mm dia/ pkg of 12, very inexpensive magnetic compasses specially suited for tracing the magnetic fields of bar magnets. Each compass has a polished aluminum case and a beveled glass top.	\$4.68/ea	A3121-02 (Size: 25mm)	Sciencelabs.com
98	<b>COMPASS, 40 mm</b> This magnetic compass has a clear visibility. Easy-to-carry close is made of durable plastic. Pack of 20.	\$2.17/ea	15-531526-21 Page 331	Frey Scientific
99	<b>COMPASS, Safe-T</b> Draws 1/4" to 10" diameter circles in 1/16" diameter increments, straightedge sides calibrated in inches and metric, performs all functions accurately using any pen or pencil.	\$0.63/ea	9704224T	NASCO
100	<b>COMPASS, TRIMAN, Overhead</b>	\$0.65/ea	525014	EAI Education

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	Clear plastic, produces circles with radii 1.3 to 11 cm. Fits pencils, pens, and felt-tip markers.			
101	<b>COMPOUND BAR (BIMETALLIC STRIP)</b> A laminated bar of two metals fastened in a wooden handle are placed over a flame. The different thermal expansion rates cause the laminated bar to bend. Bar length is 20cm; overall length is 30cm.	\$2.03/ea	S00188X	NASCO
102	<b>CONES, Transparent</b> Set of 4. Large display cones of clear plastic, each piece 35 cm tall with tinted section, model inside can be filled with water or flowing solids. Includes 2 piece hyperbola, an ellipse, a parabola and a Teacher's Guide. Grades 6 - 10.	<b>NO BIDS</b>		
103	<b>CONNECTING PEOPLE, Overhead</b> Set of 48. Sturdy plastic male and female figures, can link hands, 3 sizes, 4 colors (red, blue, green & yellow).	\$6.00/ea	BD427	ETA/Cuisenaire
104	<b>CORKS, ASSORTED</b> Size 0 to 11, pkg of 100	\$7.67/ea	61245-00	Science Kit, LLC
105	<b>CORKS, ASSORTED</b> Size 3-15, pkg of 100	\$13.48/ea	61250-00	Science Kit, LLC
106	<b>CORK BORER</b> Set of 8; begins with 5 mm size and increase in steps of approximate 1.3 mm up to 13 mm. Handles are numbered for each identification; punch included in each set.	\$10.19/ea (Set/9)	A2093-03	Sciencelabs.com
107	<b>COUNTERS</b> Set of 200. 1" diameter plastic counters, one side red, one side yellow.	\$5.63/ea (Set/200)	034-2079-31 Page 150/Elem.	Frey Scientific
108	<b>COUNTERS, Baby Bear</b> Set of 300. 50 each of 6 colors in transparent storage canister.	\$7.95/ea	17001-02 Q	Science Kit, LLC
109	<b>COUNTERS, Bug</b> Set of 72. Crawly creatures in 6 colors including grasshoppers, bumblebees, beetles, spiders, dragonflies and caterpillars in plastic tub. Grade Pre K and up.	\$9.07/ea (Set/72)	BD5409	ETA/Cuisenaire
110	<b>COUNTERS, Farm Animals</b> Set of 72. 6 different soft rubber animals in 6 colors and 2 sizes: 1" to 1¾".	\$9.07/ea (Set/72)	BD6562	ETA/Cuisenaire
111	<b>COUNTERS, Mini-Dinos</b> Set of 108. Soft rubber dinosaurs in 6 colors, 2" long. Tyrannosaurus, Triceratops, Brachiosaurus, Stegosaurus, Mammoth, and Dimetrodon, clear plastic jar, activity booklet. Grade Pre K and up.	\$6.93/ea (Set/128)	531075	EAI Education
112	<b>COUNTERS, Mini-Motor</b> Set of 144, 1½" to 2" long rubber counters, six shapes and colors. Car, train, jet, tugboat, bus, fire engine. With storage tub. Ages 3 and up.	\$15.07/ea	BD6563	ETA/Cuisenaire
113	<b>COUNTERS, Overhead</b> Set of 50. 25 read and 25 yellow sturdy plastic disks.	\$0.75/ea		EAI Education
114	<b>COUNTERS, Overhead</b> Set of 250. Circular disks in 6 colors, ¾".	\$1.17/ea	BD715 - Page 102 Math	ETA/Cuisenaire
115	<b>CUISENAIRE RODS</b> Introductory set. 74 plastic rods in tray, activity guide. Pre K-6.	\$4.98/ea	BC-010291	CPW
116	<b>CUISENAIRE RODS, Overhead</b> Set of 60. Transparent plastic color pieces.	\$3.00/ea	BC-5530444	CPW

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
117	<b>CYLINDER, Graduated, 10 mL (PMP)</b> 10 mL, polymethylpentene (glass-like clarity) shatterproof, chemically resistant, octagonal base.	\$1.26/ea	SB16307X	NASCO
118	<b>CYLINDER, Graduated, 10 mL (PP)</b> 10 mL polypropylene (translucent) molded 1-piece construction. Resistant to most student lab chemicals.	\$0.64/ea	A2203-01	Sciencelabs.com
119	<b>CYLINDER, Graduated, 25 mL (PP)</b> 25 mL polypropylene (translucent) molded 1-piece construction.	\$0.91/ea	7-200-025	Sciencelabs.com
120	<b>CYLINDER, Graduated, 50 mL (PP)</b> 50 mL polypropylene (squat form) easy to read markings, easy pour spout.	\$1.35/ea	7-200-050	Sciencelabs.com
121	<b>CYLINDER, Graduated, 100 mL (PP)</b> 100 mL polypropylene (squat form) easy to read markings, easy pour spout.	\$1.55/ea	A2203-04	Sciencelabs.com
122	<b>CYLINDER WITH BASE, 100 mL</b> Borosilicate cylinder; uniform wall thickness, white enamel single graduated metric scale; pour-out; detachable plastic base and safety collar; can be heated and used with acids, salt solutions and organic solvents.	\$4.92/ea	115-20397	Cynmar
123	<b>CYLINDER, Graduated, 250 mL (PP)</b> 250 mL polypropylene molded 1-piece construction. Resistant to most student lab chemicals.	\$1.70/ea	TB6211-1 - Page 162 Science	ETA/Cuisenaire
124	<b>CYLINDER, Graduated, 500 mL (PP)</b> 500 mL polypropylene molded 1-piece construction. Resistant to most student lab chemicals.	2.70/ea	TB6212-1 - Page 162 Science	ETA/Cuisenaire
125	<b>CYLINDER, Graduated, 1000 mL (PP)</b> 1000 mL polypropylene (squat form) easy to read markings, easy pour spout.	\$5.06/ea	S08308X	NASCO
126	<b>CYLINDER, Graduated, 2000 mL (PP)</b> 2000 mL polypropylene, easy to read markings, easy pour spout.	\$9.12/ea	SB23629M	NASCO
127	<b>CYLINDER, Graduated, 10 mL Glass</b> Student-grade. An economical glass cylinder, calibrated "to contain." Plastic parts easily removed.	\$2.10/ea	SB17991X	NASCO
128	<b>CYLINDER, Graduated, 25 mL Glass</b> Student-grade. An economical glass cylinder with plastic hexagonal base and bumper to allow easy storage, less breakage, calibrated "to contain." Plastic parts easily removed.	\$2.38/ea	SB17992X	NASCO
129	<b>CYLINDER, Graduated, 50 mL Glass</b> Student-grade. An economical glass cylinder with plastic hexagonal base and bumper to allow easy storage, less breakage, calibrated "to contain." Plastic parts easily removed.	\$2.73/ea	SB17993X	NASCO
130	<b>CYLINDER, Graduated, 100 mL Glass</b> Student-grade. An economical glass cylinder with plastic hexagonal base and bumper to allow easy storage, less breakage, calibrated "to contain." Plastic parts easily removed.	\$3.54/ea	SB17994X	NASCO
131	<b>D-STIX KITS Advanced Level</b> 380 piece color-coded plastic rods and multi-pronged plastic connectors with instruction sheet. Students can create polyhedrons, structures in solid geometric designs or 3-dimensional geometric designs.	\$23.33/ea	531283 - Page 119/Zome	EAI Education
132	<b>DATA LOGGING KIT, Starter Pack</b> Includes EcoLog XL, Ecolab 3.1 multimedia software site license, USB and serial communication cables, AC/DC adapters, User's Guides, experiment book and carrying case. With	Discontinued		

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	5 internal sensors (temperature, pressure, light, sound and humidity),			
<b>133</b>	<b>DATA LOGGING KIT, Starter Pack Plus</b> Includes EcoLog XL, Ecolab 3.1 multimedia software site license, USB and serial communication cables, AC/DC adapters, User's Guides, experiment book and carrying case. With 5 internal sensors (temperature, pressure, light, sound and humidity), plus PC camera and 2 external temperature sensors (-10 to 110C).	<b>NO BIDS</b>		
<b>134</b>	<b>DECIMAL TOWER CUBES, Overhead</b> Set of 51 includes proportional, transparent pieces with decimals, template & activity guide.	\$4.65/ea	BC-5274	CPW
<b>135</b>	<b>DENSITY BLOCKS - Constant Volume</b> Mass vs. volume in oak, pine, polypropylene, pvc, acrylic, aluminum, copper, steel, and brass. Includes storage box and teacher's guide with 3 activities.	\$14.50/ea	TB49428 - Page 117 Science	ETA/Cuisenaire
<b>136</b>	<b>DEWAR FLASK, Pope Alum &amp; Glass</b> Wide mouth Dewar flask with full aluminum housing. Ideal for transporting and storing liquid nitrogen. Chamber measures 66 mm x 292 mm; over all height 337 mm.	\$117.00/ea	64141-00	Science Kit, LLC
<b>137</b>	<b>DEWAR FLASK, Polyethylene</b> Shatterproof; ideal for use with liquid nitrogen, dry ice, ice water or hot baths. Ribbed walls; vented polystyrene cover insulated with urethane foam; will withstand temperatures from -196 to +100 C, 2 Liter size.	\$120.40/ea	60548-02	Science Kit, LLC
<b>138</b>	<b>DIALYSIS TUBING--SUBSTITUTE (Serpent Skin)</b> Far more convenient substitute for dialysis tubing-no soaking needed; microscopic pores in tubing produce semi permeable membrane; may be used wet or dry; equilibrium of particles moving through can be measured by changes in concentration, osmotic pressure, color, volume or mass. Sheet of ideas and experiments included. 12-meter length.	\$11.98/ea	SB09780M - Page 328 Science	NASCO
<b>139</b>	<b>DICE, Dot. Quiet</b> Soft foam, 144 in bucket, yellow with black markings, 5/8" square.	\$16.95/ea (Set/144)	530404	EAI Education
<b>140</b>	<b>DICE, Fraction</b> Set of 6, each die displays 1, 1/2, 1/3, 2/3, 1/4, 3/4, 1/6, 1/8, 3/8, 5/8, 7/8, 1/12, 5/12, 7/12, and 121/12, two each in red, white, and green.	\$0.73/ea (Set/6)	530173	EAI Education
<b>141</b>	<b>DICE, Number, Quiet</b> Soft foam, 144 in bucket, yellow with black markings, 5/8" square.	\$16.95/ea (Set/144)	530403	EAI Education
<b>142</b>	<b>DICE, Overhead Pattern Block</b> Set of 2. Six faces on 12-sided die project standard pattern block shapes for activities on the overhead. Grades K - 12.	\$3.50/ea (Set/2)	BD010414	ETA/Cuisenaire
<b>143</b>	<b>DIFFRACTION GRATING</b> Gratings mounted in 2" x 2" slide frame. 13,500 lines per inch. Pkg of 25 slides.	\$8.33/ea	SB26512X	NASCO
<b>144</b>	<b>DIFFRACTION GRATING, sheet</b> Vivid spectrum with distinct color separations. One 8" x 10 " sheet can be cut to provide 28-1 3/8 " square pieces.	<b>NO BIDS</b>		
<b>145</b>	<b>DISSECTING KIT</b> Includes vinyl case, No. 4 stainless steel surgical handle with replaceable blade (no screw), 5 1/2 stainless steel share/blunt scissors, 5" stainless steel thumb forceps, chrome mall-probe, and seeker, straight dissecting needle, pipette and 6" ruler.	\$4.67/ea	SB12624X	NASCO
<b>146</b>	<b>DISSECTING KIT</b>	\$6.57/ea	15-576765-21 Page 104	Frey Scientific

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	Designed for biology, advanced biology, and comparative anatomy students. Kit contains the following: Double fold vinyl case with lining, 1-1/2" stainless steel scalpel, 1-1/2" stainless steel narrow blade scalpel, 5-1/2" stainless steel sharp/blunt scissors, 4-1/2" stainless steel iris scissors, 4-1/2" chrome,, straight, fine-point forceps, 4-1/2" chrome, curved, fine-point forceps, 5" chrome, straight, blunt-point forceps, Straight dissecting needle, Bent dissecting needle, 6" chrome probe and seeker, 6" ruler.			
147	<b>DISSECTING PAN, Vinyl Pad</b> Aluminum pan with vinyl pad, long-lasting, washable, odorless; reseals itself, easily removed from pan for cleaning. 13 1/8" x 9 1/8" x 2 1/4" D.	\$12.25/ea	SB15236X	NASCO
148	<b>DISSECTING PAN COVER</b> Clear cover prevents excessive moisture loss. Fits 9 x 12 3/4" pans.	\$2.95/ea	SB08754X	NASCO
149	<b>DOLLARS, Overhead</b> Life-sized bills. Set of 24 includes fronts and backs of one, fives, tens, and twenties.	\$1.89/ea (Set/24)	525039	EAI Education
150	<b>DOMINOES, Double Nines</b> Set of 55 double-nine dominoes, 7/8" x 1 3/4".	\$1.60/ea		ETA/Cuisenaire
151	<b>DOMINOES, Double Nines Overhead</b> Set of 55 with activity sheet. Grades 3 and up.	\$2.93/ea	525022	EAI Education
152	<b>DOMINOES, Double Sixes</b> Six sets of 28 double-six dominoes in different colors. Total of 168.	\$1.43/ea (Set/28)	530514	EAI Education
153	<b>DOMINOES, Double Sixes Overhead</b> Set of 28.	\$1.89/ea	525002	EAI Education
154	<b>DROPPERS</b> Set of 12. Plastic safety droppers, each with 2 mL capacity * rubber bulb. 3-1/2" long.	\$1.37/ea (Set/12)	TB11085-12 - Page 166 Science	ETA/Cuisenaire
155	<b>DROPPING BOTTLES, Controlled</b> 30 mL size. Will dispense 12 -16 drops per minute depending on viscosity. Can be used to store reagents, dry chemicals, stains, and dyes by removing inner dropping nozzle. Outer cap seals tightly.	\$0.24/ea	Q97-5030 (12 pcs./Box)	Sciencelabs.com
156	<b>DROPPING BOTTLES, Controlled</b> 125 mL size. Will dispense 12 -16 drops per minute depending on viscosity. Can be used to store reagents, dry chemicals, stains, and dyes by removing inner dropping nozzle. Outer cap seals tightly.	\$0.39/ea	Q97-5125 (12 pcs./Box)	Sciencelabs.com
157	<b>DROPPING BOTTLES, Dispensing</b> 59 mL size. Low-density polyethylene; spouts with sealer caps that snap on securely. Spout can be enlarged with scissors.	\$0.29/ea	Q97-5060 (12 pcs./Box)	Sciencelabs.com
158	<b>DROPPING BOTTLES, Hinged Cap</b> Polyethylene dropper bottles with dispenser caps. Designed for dispensing indicator solutions, dyes, etc. Hinged caps.	\$0.68/ea	SB23625X	NASCO
159	<b>DROPPING BOTTLES, Barnes, Glass</b> Square, clear glass; ideal for applications requiring the use of small capacity dropper bottle; ideal for use in semi-microchemistry trays.	\$0.72/ea	SB01827X	NASCO
160	<b>DRYING OVEN</b> Aluminized iron interior and baked-on enamel steel exterior; impregnated fiberglass layer provides sufficient insulation to obtain max. temperature in 30 minutes. Features tight-sealing,	\$395.00/ea	15-592641-21 Page 765	Frey Scientific

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	explosion-proof door latch, bimetallic thermostat, and on/off switch and indicator light; 3 nickel-plated shelves, thermometer and holder; 2 m cord with grounded plug.			
<b>161</b>	<b>ELECTRICITY KIT</b> Ten complete investigations on the basics of electricity. Each set includes enough materials for one lab station (2 - 4students), Teacher's Guide, two Student Workbooks, and one ammeter are also provided. The ten investigations include: Building simple electric currents, circuit diagrams, conductors and insulators, how to sue an ammeter, measuring the current in series and parallel circuits, effects of resistance, how a fuse works, variable resistance in a circuit.	\$96.90/ea (Kit/1)	583-051-31 Page 73 Elem. (40 Students)	Frey Scientific
<b>162</b>	<b>EQUAL MASS Cylinder Density Set</b> Demonstrates the inverse relationship between density and length for cylinders of the same mass and diameter. The set consists of five cylinders (copper, aluminum, nylon, polyvinyl chloride, and polyethylene) all 12 mm (1/2") in diameter and range from 15 mm to 100 mm in length. Mass of each cylinder is 15 grams.	\$5.70/ea	TB41785 - Page 117 Science	ETA/Cuisenaire
<b>163</b>	<b>EQUAL MASS Specific Gravity Metal Cylinder Set</b> A metal cylinder set consisting of five different materials: aluminum, copper, lead, tin, and zinc. Each are machined to an equal mass on a computer-controlled turning center and their metal is identified with a stamped symbol on one end. Since each specimen weighs the same and all are 1/2" diameter, this set is ideal for demonstrating reciprocal density and for computing the specific gravity of each element.	\$9.70/ea	SB26243X	NASCO
<b>164</b>	<b>EQUAL VOLUME, Diverse Material Specimen Set</b> This equal volume set is comprised of four 1/2" diameter cylinders of widely diverse materials: aluminum, glass, plastic (PVC), and wood. The set is used for specific gravity, as well as measurement education. Each specimen is 5 cm long and the set comes in a reclosable poly bag.	\$6.85/ea	SB26242X	NASCO
<b>165</b>	<b>EVAPORATING DISH, Student Grade</b> Glazed porcelain dishes with round bottom and pouring spout; 50 mL capacity; 7- x 28 mm	\$0.49/ea	SB17997M	NASCO
<b>166</b>	<b>EYEWASH STATION</b> Wall-mounted unit provides easy access to flush eyes immediately. Personal eyewash station with two 32-oz. bottles of time-dated, buffered saline solution complies with ANSI Z358.	\$16.60/ea	45720-00	Science Kit, LLC
<b>167</b>	<b>EYEWASH, OPTI-KLENS FAUCET-MOUNTED</b> Eyewash outlets are 3" apart and angled forward. Designed to deliver .4 gallons of water per minute. Emergency eyewash units install easily on any faucet. Delivers a flood of water to the eyes and face. Activated by turning on the faucet and pulling the knob. Water pressure holds the eyewash on, leaving the user's hands free. Threaded inlet and adapter permits attachment to any standard faucet.	\$41.64/ea	SB14009X	NASCO
<b>168</b>	<b>FAST FOOD TRAYS</b> Fast food trays--10 7/16" x 13 9/16"; perfect for setting up equipment for lab groups; durable with ridged bottom for added strength; black.	<b>NO BIDS</b>		
<b>169</b>	<b>FAST FOOD TRAYS</b> Fast food trays--10 7/16" x 13 9/16"; perfect for setting up equipment for lab groups; durable with ridged bottom for added strength; red.	<b>NO BIDS</b>		
<b>170</b>	<b>FIRE BLANKET, EMERGENCY</b> Lightweight , woven fiberglass emergency fire blanket to extinguish sparks and flash fires. Washable, stain-resistant. 5' x 6' blanket comes in wall-hanging pouch.	\$52.50/ea	1756-90	Science Kit, LLC
<b>171</b>	<b>FIRST AID KIT</b>	\$25.70/ea	TB20599	ETA/Cuisenaire

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	Metal storage kit contains 10 absorbent pads, 60 bandages strips, 3/4", 2 conform bandages, 4 eye patches, 2 ammonia inhalants, 2 antiseptic/burn ointments, 4 antiseptic wipes, 1 box absorbent cotton, 1 roll adhesive tape, 1 pair scissors, 1 cold pack.			
172	<b>FLASHLIGHT</b> Plastic case uses 2 "D" batteries, assorted colors. Batteries not included.	\$0.82/ea	TB12003	ETA/Cuisenaire
173	<b>FLASK, ERLLENMEYER, 125 mL</b> Heavy duty rims and thick walls reduce chipping and breaking.. Durable enameled markings and a pencil marking spot. Stopper size 5.	\$1.55/ea	EQ4406	Sciencelabs.com
174	<b>FLASK, ERLLENMEYER, 250 mL</b> Heavy duty rims and thick walls reduce chipping and breaking.. Durable enameled markings and a pencil marking spot. Stopper size 6.	\$1.97/ea	EQ4408	Sciencelabs.com
175	<b>FLASK, ERLLENMEYER, 500 mL</b> Heavy duty rims and thick walls reduce chipping and breaking.. Durable enameled markings and a pencil marking spot. Stopper size 7.	\$2.77/ea	EQ4410	Sciencelabs.com
176	<b>FLASK, ERLLENMEYER, 1000 mL</b> Heavy duty rims and thick walls reduce chipping and breaking.. Durable enameled markings and a pencil marking spot. Stopper size 9.	\$4.99/ea	EQ4412	Sciencelabs.com
177	<b>FLASK, Filtering with Side Arm</b> Thick flat flange for supporting Buchner funnels. White enameled scale indicates approximate volume at various levels.	\$11.86/ea	15-593562-21 Page 754	Frey Scientific
178	<b>FLASK, BOILING</b> High quality borosilicate; Round body and long neck ideal for boiling liquids without excessively rapid evaporation.	\$4.17/ea	1736-31	Science Kit, LLC
179	<b>FLOWER, CROSS-SECTION</b> Foam cross-section model. One side labeled with the parts, the other side unlabeled for a quiz. Parts labeled include stamen, petal, pistil, sepal, stem, leaf, and roots. Measures 6" tall. Grade 2 and up.	\$11.84/ea	SB44102X	NASCO
180	<b>FORCE BOARD</b> Measure force at different angles and distances. Three scales are linked together by a center harness to determine resolution of force. The 3 scales are mounted in separate aluminum clips. Board has 36 grooves. Clips are placed into the grooves which are 10 degrees apart. The masonite board is 55cm in diameter.	\$52.84/ea	15-590013-21 Page 556	Frey Scientific
181	<b>FORCEPS, STRAIGHT, Medium Point</b> Straight, medium tipped forceps. Nickel plated steel-115 mm	\$0.52/ea	15-583149-21 Page 108	Frey Scientific
182	<b>FOSSIL COLLECTION</b> Comes with 21 plastic reproduction fossils that students will measure, identify, and classify according to their geologic era. Includes teacher's guide. Grades 6 - 12.	\$6.88/ea	3067	Sciencelabs.com
183	<b>FOSSIL SET</b> Collection of 30 representative fossils for both type and geological age. Excellent quality fossils including trilobite, fish, blastoid, dinosaur bone, shark teeth, invertebrates, plants, and others. All are keyed, identified, geologic age and location given.	\$21.59/ea	15-563924-21 Page 362 (Set/30x1)	Frey Scientific
184	<b>FRACTION CIRCLES, Overhead</b> 51 pieces. Unmarked with fractional values. Includes halves, thirds, fourth, fifths, sixth,	\$2.50/ea		ETA/Cuisenaire

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	eighth, tenths, twelfth & one whole circle. Makes 3-1/2 " circle. Each fraction a distinct color. Reusable polybag.			
<b>185</b>	<b>FRACTION ISLANDS, Overhead</b> Overhead Teacher Set of 106 translucent vinyl "islands" in 26 shapes & 10 colors, 11 x 11 pin Geoboard, rubber bands, with Teaching with Fraction Islands.	\$20.36/ea (Set/106)	060-9391-31 Page 147 Elem.	Frey Scientific
<b>186</b>	<b>FRACTION ISLANDS, Student Foam Kit</b> Fractional pieces that fit on a grid, 106 foam "islands" in 26 shapes & 10 colors, 11 x 11 pin Geoboard, 1 pkg rubber bands. One kit recommended for each group of 2 students.	\$14.95/ea (Set/106)	060-9402-31 Page 147 Elem.	Frey Scientific
<b>187</b>	<b>FRACTION PATTERN BLOCKS</b> 90 pieces 1 cm thick. 30 brown shapes, each ¼ of a hexagon. 60 purple shapes, each 1/12 of hexagon. Grades 2 - 8.	\$2.63/ea	531870	EAI Education
<b>188</b>	<b>FRACTION STAX</b> 3-dimensional model with 51 fraction pieces, 1, 1/2, 1/3, 1/4, 1/5, 1/6, 1/8, 1/12, 9-peg base and Teacher's Guide. Grades 3 - 6.	\$12.87/ea	BD4546 - Page 148 Math	ETA/Cuisenaire
<b>189</b>	<b>FRACTION TILES, Overhead</b> 51 piece embossed set, 9 different colors, contains 1/2, 1/3, 1/4/1/5, 1/6, 1/8, 1/10/1/12 & one whole.	\$3.70/ea		ETA/Cuisenaire
<b>190</b>	<b>FRACTION TILES</b> 51 solid 3/16" plastic tiles representing whole, 1/2, 1/3/1/4, 1/5, 1/6, 1/8, 1/10 & 1/12. Teacher notes. Whole piece is 1" x 8". 2 sheets of stickers representing fractional equivalences.	\$2.99/ea (Set/51)	531081	EAI Education
<b>191</b>	<b>FRACTION TOWER CUBES</b> Set of 51. Color-coded, interlocking cubes with fractions printed on the sides.	\$6.00/ea	BC-5552487	CPW
<b>192</b>	<b>FRACTION TOWER CUBES, Overhead</b> Set of 51. Includes proportional, transparent pieces with fractions, template, Activity Guide	\$5.70/ea	BD5273	ETA/Cuisenaire
<b>193</b>	<b>FRACTION TOWER EQUIVALENCY CUBES</b> Set of 51. Equivalency cubes with fractions on one side, decimals on second side, percents on third side and blank on fourth side.	\$6.00/ea	BD5249	ETA/Cuisenaire
<b>194</b>	<b>FRACTURE SET, Mineral</b> Nine specimens, sized approx 1" x 1" showing various fractures.	\$5.74/ea (Set/6)	15-574653-21 Page 345	Frey Scientific
<b>195</b>	<b>FUNNELS</b> Set of 3. Sturdy, unbreakable plastic. 2", 3" and 4".	\$1.03/ea	WA10373X	NASCO
<b>196</b>	<b>FUNNELS, Standard Stem 60 Degrees</b> Polypropylene. External ribs prevent air lock when funnel is inserted into flask or bottle neck. Internal angle of bowl is 60 degrees. Stem length approximates diameter. 75 mm top diameter. Filter size 12.5 cm.	\$0.85/ea	N16-FSPP75	NADA Scientific
<b>197</b>	<b>GENECON GENERATOR</b> Portable, direct current, capable of generating approximately 6 V DC and 1.2 watts, w/polarity determined by the direction of rotation of the handle, transparent blue ABS resin, w/polarity-coded plug-in leads and guidebook. Grades 4 and up.	\$8.32/ea	7-1853	Sciencelabs.com
<b>198</b>	<b>GENECON GENERATOR PULLEY</b> Portable, modified/pulley attached to serve as a winch.	\$70.00/ea	N99-B-2637-010	NADA Scientific
<b>199</b>	<b>GENECON KIT</b> Includes Genecon, manual, mass bulbs, exoergic device, modified genecon, compass and	\$495.00/Kit	N99-B-2637	NADA Scientific

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	other electricity items in plastic storage container.			
<b>200</b>	<b>GEOBLOCKS</b> Set of 330 hardwood blocks in an array of metric sizes or shapes. 42 rectangular prisms, 102 triangular prisms, 180 cubes & 6 pyramids.	\$28.00/ea (Set/330)	531149	EAI Education
<b>201</b>	<b>GEOBOARD</b> 7½" square plastic board, 2-sided, with 5 x 5-pin grid w/coordinates on one side & 12-pin circular Geoboard with radius, diameter peg & rubber bands. Grades K - 12.	\$0.85/ea	BC-5500630-1	CPW
<b>202</b>	<b>GEOBOARD, Overhead</b> Matches the 25-pin square lattice Geoboard, shatterproof clear plastic. 5" x 5" pin array & 7" x 7". Grades K - 12.	\$0.99/ea	525075	EAI Education
<b>203</b>	<b>GEOBOARD, Overhead</b> Matches the 24-pin circular lattice Geoboard, shatterproof clear plastic, 6" x 6". Grades K - 12.	\$0.99/ea	525082	EAI Education
<b>204</b>	<b>GEOBOARD, Overhead</b> Clear plastic with 11 x 11-pin array.	\$1.39/ea	525042	EAI Education
<b>205</b>	<b>GEOBOARD, Overhead Isometric</b> Clear plastic isometric Geoboard with 10 x 10-pin array.	\$1.39/ea	525061	EAI Education
<b>206</b>	<b>GEOBOARD, Pattern Block</b> 10" square double-sided Geoboard, 10 x 10-pin Isometric array on one side and 11 x 11-pin coordinate grid on reverse. Grades 4 and up.	\$1.23/ea	531051	EAI Education
<b>207</b>	<b>GEOMETRIC BLOCKS</b> Set of 100 hardwood blocks in 5 colors, ¾" x 1½" blocks (arches; cylinders; squares; rectangular and triangular prisms; and cubes), Packed in Versa Tote storage container. Grades PreK - 2.	\$21.70/ea	BD010102	ETA/Cuisenaire
<b>208</b>	<b>GEOMETRIC FRACTION SHAPES</b> Set of 64 pieces. Two sizes of each shape and 2 to 1 relationship of squares to isosceles triangles, used to explore 1/2s, 1/3s, and 1/4s. Good for 4 to 6 students. With Learning about Geometric Fraction Shapes activity guide. Grades 2 - 6.	\$10.00/ea	BD4489	ETA/Cuisenaire
<b>209</b>	<b>GEOMETRIC SOLIDS, Geo-Solids</b> Set of 12. Wooden. Includes one cube, two different cylinders, a sphere, a hemi-sphere, a triangular prism, a cone, a pyramid & rectangular hexagonal, octagonal & square prisms, teacher's guide Learning About Geometric Solids. Grades 4 - 12.	\$5.50/ea	BC-5501045	CPW
<b>210</b>	<b>GEOMETRIC SOLIDS</b> Set of 6. Hollow 4" models of clear unbreakable plastic. Includes cone, sphere, cylinder, cube, pyramid and rectangular prism.	\$4.70/ea	BC-5501044	CPW
<b>211</b>	<b>GEOREFLECTOR MIRROR</b> Image reflector. Green, durable, transparent plastic. 3-3/4 x 5-3/4". Grades 1 - 6.	\$1.56/ea	531014	EAI Education
<b>212</b>	<b>GLASS PLATES, CLEAR</b> Double thick, glass plates have seamed edges; used to cover gas bottles, beakers, and other glassware. 8 x 8 cm., quantity of 12.	\$17.64/ea	61945-03 G	Science Kit, LLC
<b>213</b>	<b>GLASS PLATES, COBALT</b> Used to conduct flame tests for potassium. 8 x 8 cm., quantity of 12.	\$40.20/ea	61950-03 G	Science Kit, LLC
<b>214</b>	<b>GLASSWARE DRYING RACK</b> Neoprene-coated rack; seventy-two 8 cm pins and eighteen 13 cm pins to hold all types of test tubes, beakers, and flasks; vinyl coating prevents chipping and is resistant to most chemicals and	\$62.40/ea	15-562765-21 Page 729	Frey Scientific

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	oils; frame and pins are made of extruded steel wire, electrically spot welded for extra strength; heavy-gauge, rust-proof metal drainage pan covers entire back; 48 cm. x 47 cm x 18 cm.			
<b>215</b>	<b>GLOBE</b> 16" diameter, made of durable vinyl, clearly labeled, and store easily between uses.	\$6.88/ea	1755-19	Science Kit, LLC
<b>216</b>	<b>GOGGLES, Standard Vented, Fog-Free Lens</b> Meets ANSI Z87.1 standards. Soft vinyl, double flange cushion at top and bottom for extra comfort; frames tinted slight green to reduce glare. Lenses made of acetate, ventilation through lens channels and molded in vents; chemical splashes cannot enter the goggle; replaceable lenses; elastic strap.	\$4.16/ea	15-500022-21 Page 520	Frey Scientific
<b>217</b>	<b>GOGGLES, Elementary</b> Designed to fit the size and needs of elementary students, these 5" goggles provide the same level of protection as full-size goggles. Polycarbonate lens with fluorescent frame. Both lens and frame are ANSI Z87.1 certified. Set includes one each of pink, blue, yellow, green, and orange.	\$1.24/ea	7-1384	Sciencelabs.com
<b>218</b>	<b>GOGGLE SANITIZER</b> Stores 26 pairs of goggles; light viewing screen, 15-minute timer on front of cabinet. Key lock allows doors to be locked during sterilization by ultraviolet radiation. Fully assembled, 24-gauge steel with white baked enamel finish. 28 1/2"H x 26 1/4" W x 10 1/4" D.	\$397.00/ea	BD20603	ETA/Cuisenaire
<b>219</b>	<b>GLOVES, Disposable Latex, Small</b> Non-sterile, ambidextrous, natural white with beaded cuff. Low powder. 100 gloves per box.	\$4.50/ea (Pk/100)	180-50851	Cynmar
<b>220</b>	<b>GLOVES, Disposable Latex, Medium</b> Non-sterile, ambidextrous, natural white with beaded cuff. Low powder. 100 gloves per box.	\$4.50/ea (Pk/100)	180-50853	Cynmar
<b>221</b>	<b>GLOVES, Disposable Latex, Large</b> Non-sterile, ambidextrous, natural white with beaded cuff. Low powder. 100 gloves per box.	\$4.50/ea (Pk/100)	180-50855	Cynmar
<b>222</b>	<b>GRAPHING BOARD, Centimeter</b> <b>Write "n" Wipe.</b> Set of 10. 9" x 12", with x and y axis, write-on/wipe off.	\$2.77/ea	17055-02	Science Kit, LLC
<b>223</b>	<b>GRAPHING MAT</b> 24" x 72". 3 columns & 10 rows (30 boxes) on one side & 4 columns & 12 rows (48 boxes) on reverse, vinyl & Mathematics Their way Activity Guide. Grades 1 & 2.	\$7.95/ea	BC-5529011	CPW
<b>224</b>	<b>GREENHOUSE, Easy Grow</b> Seeds sprout faster. Root cuttings start quicker, too. The Easy Grow Greenhouse™ dome is specially designed to hold moisture and warmth inside - just like a greenhouse. Features 72 pop-out gro-cells in an 11" x 22" rugged plastic tray.	\$4.13/ea	SB11127X	NASCO
<b>225</b>	<b>HANDS ON EQUATIONS, Student Kits</b> 5 student kits of game pieces with flat laminated balance.	\$129.95/ea	TB15343X	NASCO
<b>226</b>	<b>HANDS ON EQUATIONS, Class set</b> <b>Borenson &amp; Assoc S-1000 Learning System.</b> Complete program for use with one student. Manuals for Levels I, II & III, worksheets, answer key, one packet of game pieces, flat laminated balance. Grades 3 - 8. ISBN 0-9618105-0-5	\$20.17/ea		NASCO
<b>227</b>	<b>HANDS ON EQUATIONS, Class set</b> Includes 20 student kits, manuals for Levels I, II, & III, worksheets, answer key, classroom reproduction rights, teacher's demonstration balance/demonstration game pieces.	\$199.71/ea (Class set/20x1)	080-1217-31 Page 155 Elem.	Frey Scientific
<b>228</b>	<b>HEAT AND TEMPERATURE CONCEPTS KIT, Teacher Version</b> Instruction sheets and worksheets for students and teacher instructions with answers to	<b>NO BIDS</b>		

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	worksheets, explanations of topics covered, and goals of each experiment. Kit includes: ball and ring, conductometer, compound bar, Leslie's Cube, two thermometers, and linear expansion apparatus. Kit also offers links to relevant internet resources, suggestions for other experiments, and suggestions for science fair experiments.			
<b>229</b>	<b>HOODED GAS LIGHTER</b> Produce a clean, economical and safe flame with this lighter. Design insures that sparks ignite combustible vapor only; hood traps gas (for positive ignition) and shields the striking file. Box of 10 (strikers).	\$1.53/ea	15-561124-21 Page 714	Frey Scientific
<b>230</b>	<b>HOT PLATE (Nasco SB12179M)</b> 1,100 watts 3-ring lift-up tabular element, self-cleaning, adjustable temperature control, chrome dip ring. 9" x 9¼ x 4". 120V AC.	\$18.95/ea	SB12179X	NASCO
<b>231</b>	<b>HOT PLATE/STIRRER</b> Low-profile conserves space and fits into most fume hoods. Front panel features easy-to-use controls; spill resistant housing channels fluids away from internal components. Built in rod holder with locking knob on rear. Microprocessor heat control. Hot-surface alert illuminates when temp. rises above 40 C. 7" x 7" Ceramic with silver hot Plat/Stirrer.	\$268.84/ea	ACY-49905	Cynmar
<b>232</b>	<b>HUMAN GENETICS TASTE PAPER SET</b> Set includes vials of PTC, sodium benzoate, thiourea, and control paper. Each vial contains 100 papers. The set also includes a reproducible family pedigree chart and teacher's instructions. Replacement vials can be ordered.	\$3.62/ea	SB11123X	NASCO
<b>233</b>	<b>HUNDRED NUMBER BOARDS, Overhead</b> Set of 3. Numbered 0-99, 1-100 and one blank. 8¼" square with ¾ squares.	\$1.83/ea		EAI Education
<b>234</b>	<b>HUNDRED NUMBER WALL CHART</b> 26" x 26". Nylon chart with 100 2" transparent plastic pockets, metal grommets. Includes number 1-100 in black and red, operations signs, plus the multiples of 2, 3 & 5 to 100. Each set a different color. Grades K - 8.	\$5.99/ea	530263	EAI Education
<b>235</b>	<b>INSTRUMENT SORTING TRAY</b> Five-compartment sorting tray for safely storing large quantities of scalpels, scissors, probes, teasing needles, forceps, and other dissecting tools. Tray is well constructed from polyethylene and fits conveniently in a cabinet drawer. Overall dimensions are 20-1/2" x 11-1/4" x 2".	\$4.36/ea	SB25286X	NASCO
<b>236</b>	<b>IRON FILINGS</b> In sealed plastic cases. 2-1/2" x 3-1/2".	\$1.78/ea	15-576110-21	Frey Scientific
<b>237</b>	<b>KRITTER KEEPER, with Lid</b> 1-1/2 gallon, portable tank with easy carry handle. Vented cover and flip-top feeder.	\$6.93/ea	65777-03	Science Kit, LLC
<b>238</b>	<b>LASER POINTER</b> Class IIIA. Wavelength 635-675 nm. Beam diameter 10 mm @ 6m. Output power 2mW. 2 AAA batteries included, pen-size, diode type.	\$20.23/ea	15-525793-21 Page 830	Frey Scientific
<b>239</b>	<b>LEGO/DACTA 9610 GEARS SET</b> Includes 67 Lego pieces, two building cards, step-by-step instructions & plastic storage box.	\$13.57/ea	TB21533 - Page 108 Science	ETA/Cuisenaire
<b>240</b>	<b>LEGO/DACTA 9620 GEARS SET</b> Teachers Guide.	\$7.00/ea	SB23737X	NASCO
<b>241</b>	<b>LEGO/DACTA 9612 LEVER SET</b> Includes 62 Lego pieces, two building cards with step-by-step instructions, storage tray,	\$13.57/ea	TB16662 - Page 108 Science	ETA/Cuisenaire

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	beams and weighted brick. Grades 3 and up.			
<b>242</b>	<b>LEGO/DACTA 9622 LEVER SET</b>	\$7.00/ea	SB23739X	NASCO
	Teachers Guide.			
<b>243</b>	<b>LENS SET</b>	\$7.43/ea	U 3313-02	Sciencelabs.com
	Six 5-cm diameter lenses cover all of the permutations of curvature from positive power biconvex to negative power biconcave. The power of the symmetrical lenses is 5 diopters. These lenses are excellent for the study of Gaussian optics and the investigation of lens combinations to build dimple instruments such as telescopes. Lenses come in a varnished wooden case with a latched lid.			
<b>244</b>	<b>LIGHT AND OPTICAL</b>	\$77.00/ea	TB92325	ETA/Cuisenaire
	Box able to produce one, three, or four beams of light. Projects beams of colored light for color-mixing experiments; includes 2 Lucite prisms, rectangular piece of Lucite (to demonstrate refraction), 2 mirrors, 3 slit-forming plates, 8 color filters, colored cards, and an instruction booklet with 36 experiments. Reusable storage contain included. (Power supply required.)			
<b>245</b>	<b>LIGHT BOX POWER SUPPLY</b>	\$37.00/ea	TB23123	ETA/Cuisenaire
	13.8 v, 4 A power supply for light box.			
<b>246</b>	<b>LINKS, Link-n-Learn</b>	\$1.38/ea	SB12936TB	NASCO
	Set of 100. Plastic, 1-5/8" x 3/4", 25 each blue, red, green & yellow. Grades K - 3.			
<b>247</b>	<b>LINKS, Link-n-Learn</b>	\$6.75/ea (Set/500)	530124	EAI Education
	Set of 500. Plastic, 1-5/6" x 3/4" 125 each of blue, red, green & yellow, in Versa-Tote.			
<b>248</b>	<b>LITER CUBE SET</b>			
	Durable plastic set includes 1-L cube, 9 flats, 9 rods, and 20 unit cubic centimeters to show volume relationships.			
<b>249</b>	<b>LITER PITCHER</b>	\$2.03/ea	A2207-02	Sciencelabs.com
	Polypropylene, 1-liter, with easy-to-read calibrations.			
<b>250</b>	<b>LITMUS PAPER, RED</b>	\$5.24/ea (Pk/100)	U2091-02	Sciencelabs.com
	Supplied in stoppered vials of 100 strips (2" x 1/4") per vial. 12 vials per pack.			
<b>251</b>	<b>LITMUS PAPER, BLUE</b>	\$5.24/ea (Pk/100)	U2091-01	Sciencelabs.com
	Supplied in stoppered vials of 100 strips (2" x 1/4") per vial. 12 vials per pack.			
<b>252</b>	<b>MAGNET, ALNICO DISC</b>	\$12.93/ea	62340-00	Science Kit, LLC
	42mm dia. X 7mm thick/set of 2, disc magnets with ground flat surfaces for close contact.			
<b>253</b>	<b>MAGNET, Horseshoe</b>	\$1.96/ea	U3102-02	Sciencelabs.com
	75mm each, Strong steel magnets, painted red with silver poles. Each magnet is supplied with a keeper.			
<b>254</b>	<b>MAGNET, STEEL BAR</b>	\$4.16/ea	U3101-03	Sciencelabs.com
	Pair of 6" steel bar magnets with North and South poles permanently inscribed. Unpainted			
<b>255</b>	<b>MAGNETIC STEEL NUGGETS</b>	\$5.70/ea	TB16459	ETA/Cuisenaire
	8 oz. Steel Nuggets (T7-16459)			
<b>256</b>	<b>MAGNETIC WAND</b>			
	Set of 5 powerful magnetic wands. 8" long and come in 6 colors. (T7-6592)			
<b>257</b>	<b>MAGNETIZER (Flinn AP5662)</b>	\$94.63/ea	SB10815M	NASCO
	Flip switch produces magnetic fields that completely magnetizes soft steel and iron material. Unit has two 2/5 cm x 2.5 cm holes, one polarized North and the other South. Holes large			

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	enough to accept most bar or horseshoe magnets. Uses regular 115 V 50/60 Hz power. Operating instructions. Three magnet keepers included.			
258	<b>MAGNIFIER, Bug Box</b> Dual lens 3X/6X; 2½ x 3".	\$0.32/ea	A6457-50	Sciencelabs.com
259	<b>MAGNIFIER, Handheld</b> 3X/6X, 2" diameter, molded plastic.	\$0.27/ea	TB12004 - Page 61 Science	ETA/Cuisenaire
260	<b>MAGNIFIER, Tabletop</b> Sturdy 4X magnifier give a close-up view of object. 7"H x 9"D, with 4 1/2" diameter viewing lens. Legs remove for storage. Grades Pre K and up.	\$9.25/ea	094-07020	Cynmar
261	<b>MASS, Kilogram</b> Sturdy plastic solid 1 kilogram mass.	\$6.00/ea	BD40893	ETA/Cuisenaire
262	<b>MASS SET, Hexagram</b> Set of 54 pieces. Total weight of 300 grams. Includes twenty 1-gram blue, twenty 5-gram red, ten 10-gram yellow and four 20-gram green. Plastic storage box.	\$2.50/ea	BC-5572081	CPW
263	<b>MASS SET, Standard</b> Sturdy plastic interlocking weights. Set of 17 includes 16 red stacking 1 oz. masses and 1 blue 16-oz. mass. Each 1-oz mass measures 2¼ x 2¼ x ½".	\$12.00/ea	BD082513	ETA/Cuisenaire
264	<b>MASS SET, HOOKED</b> Set of 9 (10g to 1000g), Brass masses are lathe-turned for max precision.	\$31.33/ea (Set/9)	U3402-09	Sciencelabs.com
265	<b>MEASURING CUPS, Dual</b> Set of 4. 1 cup/236 mL, 1/2 c cup/118 mL, 11/3 cup/79 mL, 1/4 cup/59 mL.	\$1.25/ea	BC-5581122	CPW
266	<b>MEASURING SPOONS, Dual</b> Set of 5. Plastic. 1 Tbs/15 mL, 1/2 Tbs/7.7 mL, 1 tsp/5 mL, 1/2 tsp/2.5 mL, 1/4 tsp/1.2 mL	\$1.27/ea (Set/6x1)	1015600-31 Page 106/Elem.	Frey Scientific
267	<b>METER STICK, Wood</b> Wood, calibrated in mm & cm on one side, inches to the nearest 1/8" on reverse.	\$1.33/ea	15-081901-21 Page 709	Frey Scientific
268	<b>METER STICK, Plastic</b> Sturdy white plastic, centimeter graduations with ½ -cm divisions on one side and centimeter graduations with 1-mm divisions on the other side.	\$2.00/ea	BC-5565013	CPW
269	<b>MICROSCOPE</b> <b>No substitute.</b> Monocular inclined 360 degree rotatable viewing head, locked-on 10x wide field eyepiece with built-in pointer, 40x spring-loaded retractable objective, achromatic, parfocal, coated high resolution objectives give 40x, 100x and 400x magnification, with coarse & fine focus knobs, built-in illuminator with on/off switch, with dust cover. Limited lifetime warranty.	\$101.00/ea	Parco BMT402D	Capital Microscope
270	<b>MICROSCOPE, Cordless, Rechargeable</b> Monocular view, with 360 degree rotatable head; ocular tubes inclined at 45o angle, locked in, wide angle, wide field 10x eyepiece with built-in pointer, achromatic 4x, 10x, 40xR (R-spring retractable) objectives, color coded objectives; triple nosepieces with ball bearing movement and positive click stops, separate coarse and fine adjustments with adjustable clutch to prevent drifting; LED illumination, cordless, portable, rechargeable nickel metal hydride batteries, dust cover, instructions, rechargeable batteries and single station charger. 5 year warranty.	\$118.20/ea	MS-01L	Sciencelabs.com
271	<b>MICROSCOPE, Brock Magixcope (Elem.)</b> Constructed of solid aluminum & tempered brass, no exposed threads, knobs, gears. Brass-on-brass friction provides precise focusing, requires no grease or maintenance. 5x wide	\$55.00/ea	55403-00	Science Kit, LLC

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	field eyepiece and 4x achromatic objective. 20x magnification. Lumarod illuminator eliminates need for bulbs, mirrors, or electricity. Suitable for indoor & outdoor use. Unconditional manufacturer warranty.			
272	<b>MICROSCOPE, Digital Stereo, Cordless</b> 15 hours of use per charge--recharge overnight, cold white bright light, 10,000 hour bulb life, rotatable head, 2 x and 4 x objective, 3 way LED.	\$232.32/ea	57449-00	Science Kit, LLC
273	<b>MICROSCOPE MAINTENANCE KIT</b> In plastic carrying case with lift-out tray (13" l x 6" w x 5 1/2" h). Includes the following: 6 piece precision screwdriver set, medium slot screwdriver, 9 piece ASE folding hex wrench set, fine round nose adjusting pliers, #2 Phillips head screwdriver, 7-piece metric folding hex wrench set, objective wrench, needle nose pliers, C wrench, hand blower, 50 cotton swabs, 4 oz. lens cleaning solution, 1 box disposable paper wipes, forceps, camel's hair brush, 1 book lens paper 1 3/4 oz. lithium grease, microscope maintenance manual.	\$61.10/ea	15-576936-21 Page 272	Frey Scientific
274	<b>MICROSCOPE SLIDES-With coverslips</b> 72 glass microscope slides, non-corrosive, 1/4 oz No.1 Cover glasses & 1/4oz No. 2 cover.	\$2.70/ea	Q94-1-2222 (100 pcs./Pk)	Sciencelabs.com
275	<b>MICROSCOPE SLIDES-double concave</b> Cavity 15 mm diameter 15 x 0.9 mm depth.	\$0.31/ea	130-21122	Cynmar
276	<b>MICROSCOPE SLIDE SET</b> Prepared slide sets, 24 specimens on 6 slides, includes specimens form pollens and spores, tiny creatures, textile fibers, insects, plants, and animals.	\$5.96/ea (Set/6)	15-531282-21 Page 274	Frey Scientific
277	<b>MICROSCOPE SLIDE SET</b> 2 sets of 6 different prepared slide sets, 48 specimens on 12 slides, includes from pollens/spores, tiny creatures, textile fibers, insects, plants and animals.	\$11.21/ea (Set/12)	15-531284-21	Frey Scientific
278	<b>MICROSCOPE SLIDE SET, Human Biology I</b> Includes: blood smear, epithelial mouth cells, striate muscle l.s., cerebrum t.s., tonsil with lymph nodules t.s., lung t.s., skin l.s., stomach t.s., red bone marrow, and testis, t.s. Slides measure 5" W x 1-1/2" H. Package of 10 slides. Set comes in a wooden box.	\$10.00/ea	SB40872M	NASCO
279	<b>MICROSCOPE SLIDE SET, Human Biology II</b> Includes: skin section t.s. of hairs, saliva glands t.s., cerebellum t.s., bacteria from intestine, spermatozoa smear, heart muscle t.s. and l.s., bone t.s., liver tissue t.s., intestinal wall t.s., and kidney t.s. of cortical zone. Slides measure 5" W x 1-1/2" H. Package of 10 slides. Set comes in a wooden box.	\$10.00/ea	SB40871M	NASCO
280	<b>MINERAL SET, LUSTER</b> Eight minerals and 4 streak plates; used to demonstrate the test for streak.	\$11.36/ea	2362	Sciencelabs.com
281	<b>MINERAL SET, CLEAVAGE</b> Nine specimens, sized approx 1" x 1" showing different cleavages.	\$6.24/ea (Set/6)	15-574656-21 Page 345	Frey Scientific
282	<b>MINERAL SET, HARDNESS</b> Actual minerals for testing hardness of other minerals Includes nine minerals, streak plate, glass plate, and magnet, and lens. Boxed in a wood-grained sturdy cardboard box with plastic divider.	\$8.77/ea	2357	Sciencelabs.com
283	<b>MINERAL SET, LUSTER</b> 15 SPECIMENS SIZE 1" X 1", illustration different lusters; boxed in a wood-grained sturdy cardboard box with plastic divider.	\$10.67/ea	SB10591M	NASCO
284	<b>MINERAL SET I</b>	\$14.96/ea (Set/12)	15-077017-21 Page 343	Frey Scientific

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	Collection of 30 minerals, includes most important ores, economic minerals and rock forming minerals. Complete set with manual.			
<b>285</b>	<b>MINERAL SET II</b> Collection of 30 minerals including most important silicate; complete set with manual.	\$25.94/ea (Set/12)	15-077018-21 Page 343	Frey Scientific
<b>286</b>	<b>MIRROR, FRONT SURFACE--GLASS</b> Plate Glass Plain Mirror Strip, 4" x 4 "	\$1.03/ea	094-07166	Cynmar
<b>287</b>	<b>MIRROR, GLASS CYLINDRICAL</b> Concave, measures 25 x 50 mm and have a focal length of 75 mm.	\$2.06/ea	15-574260-21 Page 615	Frey Scientific
<b>288</b>	<b>MIRRORS, HINGED</b> Reflect-it. Creates angles up to 180 degrees. With Activity Guide. Grades 4 - 12.	\$1.83/ea	TB17195X	NASCO
<b>289</b>	<b>MOLECULAR MODEL Set, MOLYMOD Student Set</b> Set contains the appropriate numbers of atom-parts and links to make a particular structure. Durable atom-parts are made of self-colored plastic, color-coded and compatible. Easy to assemble and disassemble. Includes 52 atoms. Grade 6 and up.	\$25.97/ea	15-529267-21 Page 439	Frey Scientific
<b>290</b>	<b>MOLECULAR MODEL SET, MOLYMOD Teacher Set</b> Set contains the appropriate numbers of atom-parts and links to make a particular structure. Durable atom-parts are made of self-colored plastic, color-coded and compatible. Easy to assemble and disassemble. Grade 6 and up. Includes 108 atoms.	\$48.75/ea	15-529269-21 Page 439	Frey Scientific
<b>291</b>	<b>MOLECULAR MODEL SET, STUDENT</b> An excellent molecular model set for students to understand the basics of molecular structures. Colored plastic balls represent atoms, while three different lengths of springs represent different types of molecular bonds. Comes with instructions, springs, and 35 colored plastic balls: six black (carbon), two blue (nitrogen), 15 yellow (hydrogen), four red (oxygen), four green (chlorine), two orange (sodium), and two purple (potassium). Includes durable wooden storage box. Grade 9 through college.	\$8.11/ea	SB34837X	NASCO
<b>292</b>	<b>MOLECULAR MODEL SET, Advanced</b> Can be used not only for demonstrating organic structures, inorganic structures and molecular geometry. This kit is recommended for advanced classes. Kit contains 12 carbon (black w/4 holes), 4 nitrogen (blue w/4 holes), 4 phosphorus (gray w/5 holes), 4 sulfur (yellow w/6 holes), 6 oxygen (red w/4 holes), 4 chlorine (green w/1 hole), 4 bromine (orange w/1 hole), 6 iodine (purple w/1 hole), 33 hydrogen (white w/1 hole), 40 wooden pegs, and 10 springs. Grade 9 and up.	\$23.21/ea	15-563420-21 Page 438	Frey Scientific
<b>293</b>	<b>MONEY KIT</b> ISBN 1-57162-235-7. Register-style plastic tray with snap-on cover, 5 compartments for coins, 6 for bills. Contains 100 each of pennies, nickels, dimes, quarters, \$1, %, 10\$ and \$20 bills and 50 each half-dollars, \$50 and \$100 bills. With Money Activity Book. Grades K - 4.	\$17.00/ea	BC-5517081	CPW
<b>294</b>	<b>MORTAR AND PESTLE, Porcelain</b> Heavy-duty design mortar and pestle are sold as a set. Mortars with pouring lip are glazed on the outside, but insides are left with natural rough surface. Pestles are oversized for comfortable gripping and are glazed to the grinding surface. Diameter: 90 mm. PESTLE Length: 90 mm.	\$1.81/ea	SB17995X	NASCO
<b>295</b>	<b>MULTIMETER</b> Easy-to-read 3¾-digit LCD display. Auto and manual digital range selection. Rubber protective holster and foldout stand. Test leads and thermocouple temperature probe. AC/DC volts-up to 600, AC/DC current up to 10 amps, resistance up to 40 megaohms, capacitance up to 100 µF, temperature from -58oF to 752oF, safety test leads.	\$16.96/ea	15-531978-21 Page 661	Frey Scientific

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
296	<b>MULTIMETER, ANALOG</b> A traditional analog style multimeter measures dc, ac voltages, and dc current.	\$5.00/ea	N100-TS-F305	NADA Scientific
297	<b>MULTIMETER, Velleman DVM 810</b> 3 ½ digit lcd for measuring dc and ac voltages, dc currents, resistance, diodes, and transistors. It features overload protection.	\$9.95/ea	DMR-1000	Sciencelabs.com
298	<b>NEWTON'S CRADLE</b> An excellent device for demonstrating Newton's Third Law of Motion and the principle of Conservation of Momentum. The unique design provides for better results and stability. 5" L x 4-1/2" W x 6" H. Grade 7 and up.	\$8.89/ea	A3564-00	Sciencelabs.com
299	<b>NUMBER LINE, Demonstration</b> Eighteen 4" x 40" sections form number line from -39 to 185, shows odds, evens, and multiples of 5 and 10.	\$4.33/ea (Set/22)	531709	EAI Education
300	<b>OCEAN FLOOR, Raised Relief Map</b> Ridges, trenches, mountains, continental shelves, continental slopes, and islands are depicted. 29" x 39". Map described above plus a teacher's guide including activities on making an ocean floor profile and studying continental margin types and earthquake and volcano distribution.	\$26.97/ea	436	Sciencelabs.com
301	<b>OPTICAL BENCH</b> Suitable for basic experimentation on the properties of lenses and mirrors. Set includes two metal supports for meter stick, a lens support for 3.75 cm lenses, a screen and a screen support, and an object and marker. Meter stick and other accessories sold separately.	\$5.73/ea	SB12243M	NASCO
302	<b>OPTICAL BENCH LIGHT SOURCE</b> Suitable for basic experimentation on the properties of lenses and mirrors. Set includes two metal supports for meter stick, a lens support for 3.75 cm lenses, a screen and a screen support, and an object and marker. Meter stick and other accessories sold separately.	\$1.16/ea	47728-00 - Page 776	Science Kit, LLC
303	<b>OPTICAL SET</b> With manual detailing 36 experiments. Consists of light box & optical accessories for performing experiments in reflection, refraction & color. With build-in adjustable collimating lens and four apertures (1 for slit plates/for color filters), two side apertures have hinged plan mirrors. Wooden storage container includes the following: Lucite prisms: 3 triangular/1rectangular/1semi-circular; Lucite lens: 1 biconcave, 2 biconvex; Mirrors: 1 each plane, half cylindrical & parabolic; 2 slit-forming plates, 8 color filters & 8 color cards; Uses any 12 volt 3-amp AC or DC power supply. (see Power Supply below).	\$90.48/ea	095-28689	Cynmar
304	<b>OPTICS KIT</b> Optical components are made from durable acrylic. Materials provided include three lenses: double concave and plane, two plane mirrors, five color filters, two equilateral prisms, two plastic lens/mirror supports, one tall lens support, plastic beaker, flashlight and candle. Instruction guide with 20 experiments is also included. Kit tray keeps all the pieces together for easy storage.	\$19.86/ea	SB31097X	NASCO
305	<b>ORBITAL SET, Atomic</b> This set contains sufficient parts for 14 easy-to-make, self-assembled atomic orbitals. Pink and purple pear-shaped lobes represent the two wave phases - positive and negative of the p and d atomic orbitals. The atomic nuclei are represented by opaque white spheres. Each model comes with a transparent base for display. Model heights (including base) are: 2" s orbital, 3-1/2" p orbital, and 3" d orbital. Set comes with parts to build the following models: one 1s unhybridized; one 2s unhybridized; three 2p unhybridized; five 3d unhybridized; one 2s	\$34.04/ea	15-528385-21 Page 442	Frey Scientific

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	plus three 2p unhybridized; and three sp, sp <sup>2</sup> , and sp <sup>3</sup> hybridized. Grade 9 and up.			
<b>306</b>	<b>ORBITAL SET, Molecular, Organic</b> This set includes all the parts you need to make four organic molecular orbital models: benzene, ethane, ethene, and ethyne. Models demonstrate sigma bonding orbitals, pi bonding orbitals concept of hybridizations, and delocalization. Set comes with 12 carbon and 18 hydrogen atoms, 9 carbon-carbon (oval shaped) sigma bonds, 18 carbon-hydrogen (pear shaped) sigma bonds, and nine pi bonds (21 pink and 21 purple pieces). Benzene model dimensions: 4" H x 7-3/4" dia. Grade 9 and up.	\$46.15/ea	15-529266-21 Page 442	Frey Scientific
<b>307</b>	<b>OVERFLOW CAN</b> Aluminum can designed to determine the volume of a body to calculate density, specific gravity, or for proving Archimedes' Principle. 8" dia. with flared top edge and angled spout.	\$3.54/ea	SB16803X	NASCO
<b>308</b>	<b>OWL PELLET KIT</b> Includes classroom set of owl pellets, study guide & dissecting tools. Contains 15 owl pellets collected from one region (sterilized & individually wrapped). 15 teasing needles, 30 student worksheets & guides w/pictorial guide to bones commonly found in owl pellets and 1 instruction manual. Refill set available.	\$50.04/ea		Sciencelabs.com
<b>309</b>	<b>OWL PELLETS</b> Each. Sterilized, individually wrapped.	\$2.95/ea	SB09759X	NASCO
<b>310</b>	<b>PATTERN BLOCK TEMPLATE</b> Sturdy plastic template, actual & half-size pattern blocks.			
<b>311</b>	<b>PATTERN BLOCKS</b> Set of 250. 1 cm thick plastic blocks in 6 shapes & colors: 25 each hexagons & squares, 50 each trapezoids, triangles, parallelograms & rhombi. Includes plastic Versa Tote storage container w/snap-on lid and removable divider. With Learning About Pattern Blocks Activity Guide.	\$7.53/ea (Set/250)	531007 - Page 104	EAI Education
<b>312</b>	<b>PATTERN BLOCKS, Overhead</b> 49 pieces. Matches actual Pattern Block colors & sizes.	\$1.33/ea (Set/49)	525017	EAI Education
<b>313</b>	<b>PENTOMINOES, Overhead</b> Transparent plastic set of 12 brightly colored pieces in assorted colors.			
<b>314</b>	<b>PERCENT TOWER CUBES, Overhead</b> Overhead. Set of 51 includes proportional, transparent pieces with percents, a template and activity guide.	\$5.50/ea	BD5276	ETA/Cuisenaire
<b>315</b>	<b>PERIODIC TABLE (Spring Roller)</b> A multi-color version of the modern periodic table with all 118 elements. Mounted on a spring roller for easy access. Includes hardware for wall mounting. 42" x 58".	\$69.71/ea	SB39187X	NASCO
<b>316</b>	<b>PERIODIC TABLE of the ELEMENTS Chart</b> A long-form periodic table contains information for 118 elements. Modern format provides element name, symbol, number, and atomic weight. Elements are color coded for solids, liquids, and gases, and family group. Plastic laminated with metal binding on top and bottom. 38" x 50". Storage tube. Grades 9 - 12.	\$5.82/ea	15-569984-21 Page 450	Frey Scientific
<b>317</b>	<b>PERIODIC TABLE, Notebook Version</b> A long-form periodic table contains information for 118 elements. Modern format provides element name, symbol, number, and atomic weight. Elements are color coded for solids, liquids, and gases, and family group. 8-1/2" x 11", three-hole punched. Pkg of 100.	\$11.45/ea	SB16428X	NASCO

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
318	<b>PETRI DISHES, Disposable</b> 20 per pack. Round, plastic, disposable, sterile, 60 x 15 mm. with lid.	\$2.17/ea (Pk/20)	15-574040-21 Page 752	Frey Scientific
319	<b>PETRI DISHES, Disposable</b> 25 per pack. Round, plastic, disposable, sterile, 100 x 15 mm. with lid.	\$2.59/ea (Bag/25)	SA00371X	NASCO
320	<b>pH PAPER</b> 100 strips per vial. Wide range, measures 1 - 14.	\$0.69/ea	SB08261X	NASCO
321	<b>pH PAPER, Standard Hydronion Insta-Chek 0-13</b> One paper gives 14 brilliant colors, one dip determines any pH from 0 to 13 with color chart checkpoints at each unit pH value. A double-roll dispenser containing two 15 ft. rolls of 7/32" tape and two color charts.	\$5.13/ea	SB13598X	NASCO
322	<b>pH PAPER, Standard Refill pHydrion Insta-Check 0-13</b> One paper gives 14 brilliant colors, one dip determines any pH from 0 to 13 with color chart checkpoints at each unit pH value. Five 15-ft rolls of 7/32" (tape for dispenser above.)	5.46/ea	113-33953	Cynmar
323	<b>pH TESTER, CHECKER Electronic</b> Lightweight, pocket-size pH tester gives fast and accurate pH readings on a large liquid crystal display. Accurate to $\pm 0.2$ pH and features a range from 0 to 14 pH with 0.01 resolution. Battery life of 3,000 hours. Meter comes complete with its own rugged plastic, screw-type, combination electrode; two 1.4V batteries; and instructions.	\$24.00/ea	SB22540X	NASCO
324	<b>PHYSICAL PROPERTIES of MINERALS</b> Set of 12/4cm x 2.5cm, Information concerning each specimen's color, luster, cleavage, streak, hardness, crystal formation and specific gravity is provided with this set. The specimens are supplied in a multicompartiment box and are keyed to the descriptive information.	\$13.72/ea (Set/15)	15-574857-21 Page 343	Frey Scientific
325	<b>PICTURE GRIDS</b> For Fractions and Decimals. Set of 60 acetate squares, each showing a particular fractional amount, color-coded by family. Grids show 1/2, 1/3, 1/4, 1/5, 1/6, 1/8, 1/10 & 1/12, includes two hundredths grids. Ideal for overhead projector. Grades 4 & up.	\$10.00/ea	BD020272	ETA/Cuisenaire
326	<b>PIPET, Beral-Type 5 mL Graduated</b> Pipet material is non-wetting so the pipets are easily rinsed and reused, will store most liquids when in an upright position with little or no evaporation loss. Graduation markings on stem enable user to deliver volumetric quantities of one ml or less.	\$12.67/ea (Pk/500)	132-24535	Cynmar
327	<b>PIPET, Beral-Type Thin Stem 5 mL</b> Pipet material is non-wetting so the pipets are easily rinsed and reused, will store most liquids when in an upright position with little or no evaporation loss. No gradations.	\$16.03/ea (Pk/500)	132-24521	Cynmar
328	<b>PIPET, Plastic Dropper</b> Latex free rubber nipple with plastic tube. 2 ml capacity. Per dozen.	\$1.92/ea	SB14002X	NASCO
329	<b>PLANETARIUM MODEL--Hand-Driven, Illuminated</b> A lighted model shows synchronized motions of Venus, Earth, moon, and sun and other planetary phenomena, including all the important Earth, moon, sun relationships. The light is used to graphically illustrate lunar, solar, and annular eclipses; phase of the moon; and areas of day, night, and twilight. Sh. wt. 10.38 lbs.	\$127.50/ea	15-527422-21 Page 400	Frey Scientific
330	<b>PLANETARY ORBITS--Tripensee System Model</b> Features all 10 planetary orbits. Copernican heliocentric solar system illustrates the motions of planets, relative sizes, and relative distances from one another. Apparent motions of the	\$72.89/ea	SB15350M	NASCO

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	planets become clear, including their changing position in the night sky.			
<b>331</b>	<b>PLANT CENTER, MOBILE</b> Three-shelf mobile stand includes light fixtures, bulbs, soil trays and pots; comprehensive teacher's guide included. 130 cm x 48 cm x 185 cm.	\$587.00/ea	TB10260 - Page 81 Science	ETA/Cuisenaire
<b>332</b>	<b>PNEUMATIC TROUGH, Molded</b> 31 cm x 17 cm x 8 cm; lightweight polypropylene with built-in platform. Can accommodate four 237 mL wide-mouth bottles. Build-in gas inlet and overflow port accept 6.4 mm I.D x 9.5 mm ) OD, tubing.	\$8.22/ea	150-24718	Cynmar
<b>333</b>	<b>POLARIZED FILM, Linear</b> Polarizing filters are used for experiments involving birefringence, light scattering, polarized light experiments, light reflection, Brewster's angle, and how polarized sunglasses work. Slide mounted frames for easy handling. 10" x 17" sheet. Grades 5 - 12.	\$30.77/ea	SB40882X	NASCO
<b>334</b>	<b>POLYDRON CLASSROOM SET, Grades K-5</b> Durable plastic shapes of the polyhedron geometric construction system featuring a clip hinge. 494 pieces for class of 30. 200 equilateral triangles, 80 right triangles, 80 squares, 60 isosceles triangles, 30 rectangles, 24 pentagons, 20 hexagons, lesson book, storage case.	\$173.00/ea		EAI Education
<b>335</b>	<b>POLYDRON CLASSROOM SET, Grades 6-12</b> Durable plastic shapes of the polyhedron geometric construction system featuring a clip hinge. 494 pieces for class of 30. 200 equilateral triangles, 80 right triangles, 80 squares, 60 isosceles triangles, 30 rectangles, 24 pentagons, 20 hexagons, lesson book.	\$173.00/ea		EAI Education
<b>336</b>	<b>POLYGONS POWER PACK</b> 70 plastic shapes (64 polygons, 6 circles), 96 identification cards, Activity Guide & wall chart. Grades 5 - 11.	\$15.70/ea	BD485	ETA/Cuisenaire
<b>337</b>	<b>POLYSTRIPS</b> 12 long and 6 short transparent plastic strips with evenly spaced holes to allow variation of lengths. 24 joiners.	\$6.00/ea	BD35501	ETA/Cuisenaire
<b>338</b>	<b>POPCUBES</b> Set of 1,000. 3/4" (2 cm) plastic snap cubes in 10 different colors that connect on all 6 sides. Learning About PopCubes Activity Guide. Grades K - 8.	\$42.00/ea	BC-5522235	CPW
<b>339</b>	<b>POWER POLYGONS</b> 450 piece set. Transparent, 2-D plastic shapes, identified by letter & color. Includes 6 basic Pattern Block shapes plus 9 related shapes (a larger square, equilateral triangle, rhombus; a rectangle, two different isosceles triangles & a scalene right triangle), teacher's guide. All grades.	\$15.92/ea	BC-5520387	CPW
<b>340</b>	<b>POWER SOLIDS</b> Set of 12 translucent plastic 3D geometric solids, range from 1" - 2" in height & width. With apertures that can be filled with liquid or sand, uses standard dimension of pattern blocks. All grades.	\$8.50/ea	BC-9387	CPW
<b>341</b>	<b>POWER SUPPLY</b> <b>Ray Box.</b> DC, fixed output of 12 volts, 3 amps designed to operate light box and optical set.	\$26.37/ea	095-28687	Cynmar
<b>342</b>	<b>POWER SUPPLY, AC/DC</b> Solid state power supply with built-in ammeter and voltmeter. Separate DC and AC terminals. Adjust form 0-20 volts DC and 0-25 volts AC (maximum load of 5 amperes. DC voltage is filtered with capacitors to provide smooth DC with very low ripple. Rear-mounted, grounded outlet supplies 0-120 V AC 50/60 Hz with maximum current draw of 1.75 amperes. Panel meters enable	357.75/ea	15-583536-21 Page 651	Frey Scientific

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	used to read DC volts and DC amperes. Fuse protected with LED pilot light and three-wire grounded plug.			
<b>343</b>	<b>PRISM</b> Equilateral, Acrylic, 4" long x 3/4" x 3/4".	\$2.43/ea	U3342-06	Sciencelabs.com
<b>344</b>	<b>PRISM, EQUILATERAL REFRACTION</b> A good quality, flint glass prism that measures 75 mm long by 9 mm thick.	\$3.50/ea	N235-3340-04	NADA Scientific
<b>345</b>	<b>PRISM, GLASS</b> This flint glass prism is 30 mm thick with sides measuring 30 mm each.	\$3.87/ea	15-568430-21 Page 619	Frey Scientific
<b>346</b>	<b>PROBE, HUBER</b> This doubly useful instrument has an angular, tapered probe on one end and a straight, tapered probe on the other.	\$0.71/ea	15-583287-21 Page 116	Frey Scientific
<b>347</b>	<b>PROTRACTOR</b> Triman circle, 360 degrees. Can measure any angle by rotating the angle indicator, with single degree calibrations. 5" diameter.	\$0.97/ea	530060	EAI Education
<b>348</b>	<b>PSYCHROMETER, Sling</b> Sling Psychrometer/Humidity Detector with Fahrenheit & Celsius. Includes wet-bulb wick, psychrometric table, 2 dry-bulb thermometers and sling cord attached. With teacher's guide.	\$5.65/ea		ETA/Cuisenaire
<b>349</b>	<b>PULLEY CORD, Cotton Chalk Line Cord</b> Exceptional for pulley demonstrations because of its high visibility.	\$1.51/ea	61040-00	Science Kit, LLC
<b>350</b>	<b>PULLEYS, PALMER</b> Single Sheave, The pulleys combine 50mm nylon-like sheaves with steel blocks and 5mm steel bushings to keep friction to a minimum.	\$0.63/ea	7-1606-1	Sciencelabs.com
<b>351</b>	<b>PULLEYS, PALMER</b> Double Sheave. The pulleys combine 50mm nylon-like sheaves with steel blocks and 5mm steel bushings to keep friction to a minimum.	\$1.08/ea	7-1606-2	Sciencelabs.com
<b>352</b>	<b>PULLEYS, TANDEM, DOUBLE</b> 3/8 and 50 mm sheaves; free-running tandem pulleys with rigid plastic sheaves and nickel-plated steel hooks; hook at each end.	\$1.14/ea	7-1606-5	Sciencelabs.com
<b>353</b>	<b>PULLEYS, TANDEM, TRIPLE</b> 25, 38, and 40 mm sheaves; free-running tandem pulleys with rigid plastic sheaves and nickel-plated steel hooks; hook at each end.	\$2.17/ea	15-570116-21 Page 555	Frey Scientific
<b>354</b>	<b>RAINBOW GLASSES</b> Cardboard spectacles with diffraction grating mounted in each lens produce clear spectra. Used to teach color, light, refraction, and line spectra.	\$0.62/ea	15-532125-21 Page 608	Frey Scientific
<b>355</b>	<b>RAIN GAUGE</b> Unbreakable, clear plastic, graduated in mL, with lid, can be used freestanding or with provided spike, with instructions.	\$8.00/ea	TB10021	ETA/Cuisenaire
<b>356</b>	<b>RAPITEST POND TEST KIT</b> Test freshwater for toxic pollutants, water quality, acidity and alkalinity with this easy-to-use kit. 10 tests each for Ammonia, Nitrites, Nitrates and pH.	\$12.50/ea	C18889X	NASCO
<b>357</b>	<b>ROCKS FORMING MINERALS</b> Student set of 40/1cm x 1cm, rock forming minerals, metallic ores and other useful minerals are all represented, as are igneous, sedimentary and metamorphic rocks. Specimens supplied	\$3.13/ea (Set/40)	15-563897-21 Page 355	Frey Scientific

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	in a multicompartment box.			
<b>358</b>	<b>ROCKS &amp; MINERALS</b>	\$27.27/ea (Set/40)	15-563831-21 Page 355	Frey Scientific
	Teacher set of 40/2.5cm x 5cm, the teacher set contains 20 rocks and 20 minerals, numbered and keyed to an informative identification list. Rock forming minerals, metallic ores and other useful minerals are all represented, as are igneous, sedimentary and metamorphic rocks.			
<b>359</b>	<b>ROCK SET, 30 Rocks</b>	\$29.21/ea (Set/44)	15-596575-21 Page 354	Frey Scientific
	Collection of 30 rocks; includes igneous, sedimentary and metamorphic.			
<b>360</b>	<b>RULER</b>	\$0.99/ea	531475 - Page 89	EAI Education
	10 per package. 12"/30 cm white plastic, marked with 1/8", 1/4", 1/2" on one edge and in mm on the other edge. No markings on reverse side.			
<b>361</b>	<b>RULER, Angle</b>	\$0.70/ea	BC-5533053	CPW
	View-Thru Safe-T Plastic, flexible, clear plastic two-arm ruler that enables a student to draw and measure angles. Includes 12", 30 cm & 360 degree scales. Grades 4-12.			
<b>362</b>	<b>RULER, Inchworms &amp; Centibugs</b>	\$8.41/ea	530744	EAI Education
	Set of 10 Sturdy, flexible 12" plastic ruler. One side scaled in inchworms and the other in centibugs.		(Set of 10 - Inchworms Only)	
<b>363</b>	<b>RULER, PLASTIC SCALE</b>	\$0.20/ea	15-081888-21 Page 709	Frey Scientific
	In opaque assorted colors, Graduated in millimeters and inches, 12". Center groove suitable for marble launch, etc.			
<b>364</b>	<b>SCREW TOP DROPPER PIPET BOTTLE</b>	\$5.88/ea	S08279M - Page 180 Science	NASCO
	Molded of polyethylene, screw tip with reusable, snap-on sealer tip. Pkg of 12.			
<b>365</b>	<b>SHAPES OF MOLECULES SET</b>	\$28.16/ea	15-529265-21 Page 442	Frey Scientific
	Create eight atomic models: linear hydrogen chloride (HCl), pyramidal ammonia (NH <sub>3</sub> ), linear beryllium chloride (BeCl <sub>2</sub> ), tetrahedral methane (CH <sub>4</sub> ), bent water (H <sub>2</sub> O), trigonal bipyramidal phosphorus pentachloride (PCl <sub>5</sub> ), trigonal planar boron trihydride (BH <sub>3</sub> ), and Octahedral sulfur hexafluoride (SF <sub>6</sub> ). The different shapes are examples of the orientations of bonds and cover coordination numbers 1 to 6. Lone pairs are represented by brown spheres or brown pear-shaped parts. The two extra pear-shaped parts are included in the set to enable protonated models to be made: acid/base theory, the formation of H <sub>3</sub> O <sup>+</sup> as a result of the migration of H <sup>+</sup> from hydrogen chloride. Set includes enough parts to make all eight models. Grade 9 and up.			
<b>366</b>	<b>SINGING ROD</b>	\$13.48/ea		Science Kit, LLC
	The 2-ft. long aluminum rod is held bare-handed and rubbed in such a way as to produce an attention-grabbing, high-pitched sound. It's amazingly loud! This apparatus demonstrates the properties of transverse and longitudinal waves with stunning results. Includes aluminum rod, special rosin, and fully illustrated instructions. Grades 1 - 8.			
<b>367</b>	<b>SLINKY</b>	\$2.85/ea	095-18515	Cynmar
	3" diameter extends to 5m for demonstrating electromagnetic and sound waves. Metal. Grades K - 12.			
<b>368</b>	<b>SOIL PROBE, Deluxe</b>	\$46.62/ea	C09414X	NASCO
	Simplify your sampling procedures with this heavy-duty soil probe with an easy-to-use foot stand for penetrating hard-to-dig soils. The hand plunger lets you eject a soil sample from the heavy tube easily and cleanly. This 36" long tool takes a full 10" core sample, 1" in diameter. This durable instrument is made of heavy-gauge steel, nickel-plated for long life.			

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
369	<b>SOIL TEST KIT</b> <b>Rapitest.</b> Includes instructions & chemicals for 10 tests of each of 4 soil characteristics: pH, nitrogen, potassium and phosphorus. Mix soil with water, pour liquid into comparator and add contents of capsules. Compare color instantly for test reading. Waterproof color charts, capsules and comparators for each test factor are color-coded. Complete instructions for adjusting soil conditions and fertilization.	\$9.27/ea	TB10089 - Page 85 Science	ETA/Cuisenaire
370	<b>SOLAR PANEL KIT</b> Includes 8 modular cells each with 0.4v/100ma output that can be assembled in parallel or series. 8 solar cells, 1.5v/200ma solar mini motor, miniature fan blade, lead wire, mounts and instructions.	\$21.94/ea	15-592458-21 Page 327	Frey Scientific
371	<b>SPECTROSCOPES</b> Set of 6, these diffraction grating spectrosopes have a sturdy plastic tube. They are 15 cm x 2 cm.	\$7.18/ea (Pk/2x1)	15-590100-21 Page 612	Frey Scientific
372	<b>SPINNERS, Blank</b> Set of 5. Metal arrow on sturdy plastic. 4-1/4" x 4-1/4".	\$1.92/ea (Set/5)	531806	EAI Education
373	<b>SPINNERS, Color</b> Set of 5 Metal arrow on sturdy plastic. Four equal sectors in four colors.	\$2.98/ea (Set/5x1)	190-4430-31	Frey Scientific
374	<b>SPINNERS, Transparent</b> <b>Overhead.</b> Set of 5. Metal arrow and printed circle on durable clear plastic base. 3-1/2" diameter black circle. With templates to draw 1/3. 1/5. 1/8, 1/10. Grades K - 12.	\$2.70/ea		ETA/Cuisenaire
375	<b>SPOT PLATES, Porcelain</b> 4-1/2" X 3-1/2" X 0/16". Great for observing chemical reactions.	\$1.87/ea	U5310-02	Sciencelabs.com
376	<b>SPOT PLATES, Porcelain</b> 3-1/2" x 2-1/4" X 1/2 ". Great for observing chemical reactions.	\$1.28/ea	U5310-01	Sciencelabs.com
377	<b>SPOT PLATES, Polystyrene</b> 112 mm x 92 mm, 12 depressions, pkg of 12, smooth, white plastic suitable for most applications; NOT recommended for use with acetone, xylene, or other strong solvents.	\$6.00/ea (Pk/12)	N235-2200-12	NADA Scientific
378	<b>SPOT PLATES, Polystyrene, Clear</b> 140 mm x 80 mm, 15 depressions, pkg of 10; suitable for most lab applications; clear polystyrene with attached measuring scoop; depressions 2 mL deep; NOT recommended for strong solvents.	\$9.98/ea	63690-50	Science Kit, LLC
379	<b>SPRING SCALE, Pull Type, 500g/5 N</b> Calibrated in both grams and Newtons, large adjustment knob at the top provides for easy zeroing. Constructed of clear, durable plastic for easy reading and to withstand repeated student use. The large chrome hook and rings are rust-resistant.	\$1.53/ea	U3439-24	Sciencelabs.com
380	<b>SPRING SCALE, Pull Type, 1000g/10 N</b> Calibrated in both grams and Newtons, large adjustment knob at the top provides for easy zeroing. Constructed of clear, durable plastic for easy reading and to withstand repeated student use. The large chrome hook and rings are rust-resistant.	\$1.53/ea	U3439-25	Sciencelabs.com
381	<b>SPRING SCALE, Pull Type 5000g/50 N</b> Calibrated in both grams and Newtons, large adjustment knob at the top provides for easy zeroing. Constructed of clear, durable plastic for easy reading and to withstand repeated student use. The large chrome hook and rings are rust-resistant.	\$1.47/ea	SB16479X	NASCO
382	<b>STAR &amp; PLANET LOCATOR</b> Each 8-1/2" Edmund Scientific's square star chart plotted by George Lovi with rotating map of the location of stars, constellations & planets relative to the horizon. Reverse contains additional	\$2.30/ea	47822-00	Science Kit, LLC

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	data on planets, meteor showers & bright stars, with pocket-size instruction booklet. Pinpoints sky position of more than 500 stars & 9 planets. Adjusts to precise hour, day, month and year.			
<b>383</b>	<b>STAR FINDER</b> Set of 10. Luminous, with Zodiac dial, shows the positions of stars for any hour & date, simplified Star Map shows constellations, stars, comet positions & tails. Glows in the dark, with instructions & planet position table, reverse side provides detailed information about 12 constellations. 10-3/4" x 11-1/2".	\$34.99/ea	428	Sciencelabs.com
<b>384</b>	<b>STETHOSCOPE</b> A professional stethoscope that monitors heart and respiratory sounds, and detects fetal sounds. Medium chest piece 1-3/4" diameter. Nickel- and chrome-plated. Flat chest piece has single stem. Hard rubber ear tips.	\$2.60/ea	TB6529 - Page 67 Science	ETA/Cuisenaire
<b>385</b>	<b>STIRRING ROD, Plastic</b> One end is a paddle stirrer, the other is shaped like a policeman. Polypropylene. Length: 9 5/8".	\$1.09/ea	61967-01	Science Kit, LLC
<b>386</b>	<b>STREAM TABLE</b> Single unit, heavy-duty plastic tray (122cm x 36cm x 8cm) with drain, young stream trough, wedge, 1.8m siphon tube and clamp.	\$44.20/ea	15-565127-21 Page 372	Frey Scientific
<b>387</b>	<b>STOPPERS, Solid Rubber, size 00 (fits 11-13 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.63/ea	7-EC1903-00	Sciencelabs.com
<b>388</b>	<b>STOPPERS, Solid Rubber, size 0 (fits 13-15 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.63/ea	7-EC-1904-0	Sciencelabs.com
<b>389</b>	<b>STOPPERS, Solid Rubber, size 1 (fits 14-17 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.63/ea	7-EC1905-1	Sciencelabs.com
<b>390</b>	<b>STOPPERS, Solid Rubber, size 2 (fits 15-19 opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.63/ea	7-EC1906-2	Sciencelabs.com
<b>391</b>	<b>STOPPERS, Solid Rubber, size 4 (fits 19-23 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.63/ea	7-EC1908-4	Sciencelabs.com
<b>392</b>	<b>STOPPERS, Solid Rubber, size 5 (fits 22-27 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.63/ea	7-EC1909-5	Sciencelabs.com
<b>393</b>	<b>STOPPERS, Solid Rubber, size 5 1/2 (fits 24-26 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.63/ea	7-EC1910-5.5	Sciencelabs.com
<b>394</b>	<b>STOPPERS, Solid Rubber, size 6 (fits 25-31 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.63/ea	7-EC1911-6	Sciencelabs.com
<b>395</b>	<b>STOPPERS, Solid Rubber, size 6 1/2 (fits 27-32 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.63/ea	7-EC1912-6.5	Sciencelabs.com

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
396	<b>STOPPERS, Solid Rubber, size 7 (fits 30-35 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.63/ea	7-EC1913-7	Sciencelabs.com
397	<b>STOPPERS, Solid Rubber, size 8 (fits 33-40 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.63/ea	7-EC1915-8	Sciencelabs.com
398	<b>STOPPERS, Solid Rubber, size 9 (fits 38-45 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.63/ea	7-EC1917-9	Sciencelabs.com
399	<b>STOPPERS, Solid Rubber, size 10 (fits 43-50 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$2.84/ea (1 lb.)	15-560860-21 Page 758	Frey Scientific
400	<b>STOPPERS, Solid Rubber, size 10 1/2 (fits 45-51 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	<b>NO BIDS</b>		
401	<b>STOPPERS, Solid Rubber, size 11 (fits 46-54 mm opening)</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$3.64/ea	7-EC1920-11	Sciencelabs.com
402	<b>STOPPERS, Rubber, Assorted sizes 1- 6, solid, 1, and 2 hole</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$4.50/ea (1 lb.)	SB16726X	NASCO
403	<b>STOPPERS, Solid Rubber, Assorted sizes 00-7</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$4.18/ea (1 lb.)	SB08224X	NASCO
404	<b>STOPPERS, One-hole, Assorted sizes 00-7</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$5.05/ea (1 lb.)	SB08226X	NASCO
405	<b>STOPPERS, Two-hole, Assorted sizes 2-8</b> Soft, pliable, resilient, low in free sulfur, resistant to chemical attack. Made of black rubber. Size numbers are molded into the top. 1 lb bag.	\$5.36/ea (1 lb.)	SB08228X	NASCO
406	<b>STOPPERS, Rubber, TWISTIT Assortment</b> 33 stoppers, sizes 3-10, twist one of the rubber protrusions off and the solid stopper becomes a one hole stopper, twist off two, and it becomes a two hole stopper, twist off the third for a three hole stopper.	\$13.11/ea	45117-00	Science Kit, LLC
407	<b>STOPWATCH, Hanhart Stratos 1 204.1704-00 Digital Stopwatch</b> Extremely durable, and long lasting. Times up to 10 hours, 1/100 sec, 1/5 V watch battery.	\$2.12/ea	7-1397	Sciencelabs.com
408	<b>STOPWATCH, MyChron II Individual Student Timer</b> Count up/count down timer with alarm. Easy-to-use four-key operation: minute, second, start/stop, and reset. In count up mode, timer continues after alarm sounds, until start/stop is pressed. In count down mode, timer stops when set time expires. Press on/reset key to reset timer. Automatic shut-off when not in use. Pkg. of 6. One-year warranty. Grades 3 - 12.	\$7.70/ea	TB40968	ETA/Cuisenaire
409	<b>SUPPORT STAND (Ring Stand)</b> Base 6" x 9", rod Size 1/2 " x 24" Heavy cast rectangular base of plate steel, finished in hard	\$7.43/ea	Q97-4053	Sciencelabs.com

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	enamel. Support rod of zinc-plated steel.			
<b>410</b>	<b>SUPPORT RING with CLAMP</b> Heavy, cast iron ring with zinc plated finish. Attach to support rods up to 3/4 " in diameter. Ring ID 6.5 cm x OD 8 cm.	\$2.13/ea	SA04473X	NASCO
<b>411</b>	<b>SUPPORT RING with CLAMP</b> Heavy, cast iron ring with zinc plated finish. Attach to support rods up to 3/4 " in diameter. Ring ID 9 cm x OD 10.5 cm	\$2.87/ea	Q97-4054	Sciencelabs.com
<b>412</b>	<b>SWITCHES, Knife</b> Single throw, single throw, Durable plastic base. Poles and knives are made of brass for good electrical connections.	\$0.64/ea	U3147-21	Sciencelabs.com
<b>413</b>	<b>TANGRAMS</b> 24 sets per package. Plastic, 6 puzzles, each in blue, red, green & yellow, in Versa Tote container w/removable divider, activity guide Learning about Tangrams.	\$8.50/ea	BC-5500323C (No guide)	CPW
<b>414</b>	<b>TANGRAMS, Overhead</b> 28 pieces. Four sets in red, yellow, blue and green, transparent.	\$1.33/ea	525016 (Set of 4 x 7 pieces)	EAI Education
<b>415</b>	<b>TAPE MEASURE</b> Set of 10. Dual (inches on one side, mm/cm on other side), fiberglass, 60" long.	\$3.00/ea		ETA/Cuisenaire
<b>416</b>	<b>TEACH TIMER</b> For timing tests and activities, can be used w/overhead projector or in a stand-up position, pre-alarm warning, can count down to or up from zero, can be paused or repeated, uses calculator battery. One year warranty.	\$30.00/ea	TB17257T	NASCO
<b>417</b>	<b>TELESCOPE KIT</b> Each 8X. Kit includes lenses, tube fittings & slide focus. Finished instrument measures 18" x 1-3/4" dia. Includes instructions. Powerful enough to view craters on the moon.	<b>NO BIDS</b>		
<b>418</b>	<b>TEST TUBE(with rim) 10 x 75, 4 mL</b> With sturdy lip. Made of tubing with correct wall thickness for maximum service. With marking spot of durable, fused-on white enamel.	\$0.50/ea	N70-980-10-1	NADA Scientific
<b>419</b>	<b>TEST TUBE(with rim) 12 x 75, 5 mL</b> Borosilicate glass tubes have fire-polished rims and optimal wall thickness for maximum heat and chemical resistance. White marking spot. 1 dozen/pack.	\$1.81/ea	EQ4312	Sciencelabs.com
<b>420</b>	<b>TEST TUBE(with rim) 13 X 100, 10 mL</b> Borosilicate glass tubes have fire-polished rims and optimal wall thickness for maximum heat and chemical resistance. White marking spot.1 dozen/pack.	\$2.34/ea	EQ4314	Sciencelabs.com
<b>421</b>	<b>TEST TUBE (with rim) 15 x 125, 14 mL</b> Borosilicate glass tubes have fire-polished rims and optimal wall thickness for maximum heat and chemical resistance. White marking spot.1 dozen/pack.	\$2.89/ea	EQ4316	Sciencelabs.com
<b>422</b>	<b>TEST TUBE (with rim) 20 x 150, 34 mL</b> Borosilicate glass tubes have fire-polished rims and optimal wall thickness for maximum heat and chemical resistance. White marking spot.1 dozen/pack.	\$4.99/ea	EQ4328	Sciencelabs.com
<b>423</b>	<b>TEST TUBE(with rim) 25 X 150, 55 mL</b> Borosilicate glass tubes have fire-polished rims and optimal wall thickness for maximum heat and chemical resistance. White marking spot.1 dozen/pack.	\$5.94/ea	EQ4332	Sciencelabs.com
<b>424</b>	<b>TEST TUBE(with rim) 25 X 200, 75 mL</b>	\$7.42/ea	EQ4334	Sciencelabs.com

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	Borosilicate glass tubes have fire-polished rims and optimal wall thickness for maximum heat and chemical resistance. White marking spot. 1 dozen/pack.			
425	<b>TEST TUBE RACK</b> Corrosion-resistant plastic rack accepts six tubes in a row. Holes are 24 mm in diameter. Six drying pins are provided. The rack is shipped disassembled. Plastic rack will not withstand high heat. Dimensions are 9 1/2" x 3" x 3 5/8".	\$1.94/ea	U2035-01	Sciencelabs.com
426	<b>TEST TUBE RACK, Polypropylene</b> A polypropylene, autoclavable in-line test tube rack with six holes 25 mm in dia. in the top plate with corresponding hemispherical wells in the base. The top plate of this high-visibility rack is supported by two columns, leaving the front open for clear viewing. Six vertical pins for tube drying are also aligned at the rear edge of the base. The 9-1/2" x 3" x 3-5/8" (241 x 76 x 92 mm) rack is supplied ready for snap-in assembly.	\$1.94/ea	U2035-01	Sciencelabs.com
427	<b>TEST TUBE RACK, Wire</b> Made of heavy-gauge steel wire, with all ends carefully spot-welded to the heavier frame wires. Zinc finished. The rack is 10-5/8" x 4-3/4" x 3-3/8" with 40 holes, 22 mm.	\$13.13/ea	SB06951M	NASCO
428	<b>THERMOMETER</b> Temp range -20 to 110 degrees Celsius, 1 degree divisions, red-liquid filled, white background, 12" long, partial immersion (76 mm).	\$0.87/ea	TB13308 - Page 169 Science	ETA/Cuisenaire
429	<b>THERMOMETER, Demonstration</b> Adjustable red plastic bands move to show temperature. Dual scale shows -40 degrees F to 212 degrees F and -40 degrees C to 100 degrees C. Each highlights the boiling and freezing points of water and normal room and body temperature. 5 2/3" x 24".			
430	<b>THERMOMETER, Giant Classroom</b> Wall-mounted 30" thermometer has 23" tube on a wood base. Shows temperatures from -40 degrees F to 120 degrees F and from -40 degrees C to 50 degrees C.	\$16.00/ea	BC-5592103	CPW
431	<b>THERMOMETER, Overhead</b> 10" dual-scale w/adjustable red bar. Temps range from -40 degrees C to 100 degrees C.	\$1.29/ea		EAI Education
432	<b>THERMOMETERS, Student</b> Set of 10. Red alcohol, white vinyl backing. Dual scales -30 to +120 degrees Fahrenheit and -20 to +50 degrees Celsius. 4-3/4" high, 6" thermometer with raised tube.	\$9.95/ea (Pk/10)	N235-1203-12	NADA Scientific
433	<b>THERMOMETER, Metal-Backed</b> 6 1/2" thermometer with recessed tube measures from -10 degrees F to 140 degrees F and from -30 degrees C to 50 degrees C.	\$0.69/ea	15-594693-21 Page 591	Frey Scientific
434	<b>TILES, Number Overhead.</b> Set of 55 transparent 1" square tiles. Five tiles of each number 0 - 9 plus operations signs.	\$1.63/ea (Set/57)	532218 - Page162	EAI Education
435	<b>TIMERS, STUDENT</b> The simple three-key operation, displays hours, minutes, seconds, and 1/100 of seconds. Timers will automatically shut off when not in use. Package of 12.	\$10.86/ea (Pk/12)	098-01919	Cynmar
436	<b>TONGS, BEAKER</b> With rubber covered jaws.	\$2.34/ea	7-672	Sciencelabs.com
437	<b>TONGS, CRUCIBLE</b> Nickel-plated steel. Tips serrated to facilitate easy gripping of materials. Overall length 23 cm.	\$1.99/ea	A2020-11	Sciencelabs.com

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
438	<b>TOWER OF HANOI</b> 7 pieces of graduated size on 6¼" x 3" base board with 3 pegs. Used to explore patterns and exponential functions. Requires logic, dexterity & determination. Grades 2 & up.	\$7.67/ea		ETA/Cuisenaire
439	<b>TREE COOKIES</b> Explore the life cycle of trees right in your classroom! Students will be able to see the variations in tree species, estimate the age of the tree, and learn about the different factors that effect tree growth. Approximately 4" - 5" dia. Includes six tree cookies (one each of red oak, pine, walnut, basswood, ash, and red pine).	<b>NO BIDS</b>		
440	<b>TRIANGLE, Pipe Stem</b> Triangles made from galvanized iron wire with procelain pipe stemming to reduce wire sagging and oxidation.	\$.37/ea	U5313-01	Sciencelabs.com
441	<b>TUBING, RUBBER, Heavy Walled 3/8"</b> High grade, pure gum rubber, will retain elasticity and softness for years; heavy wall preferred for burner connections.3/8" internal diameter.	\$1.40/ea	140-31474	Cynmar
442	<b>TUBING, RUBBER, Heavy Walled 5/16"</b> High grade, pure gum rubber, will retain elasticity and softness for years; heavy wall preferred for burner connections.5/16" internal diameter.	\$0.57/ea	140-31470	Cynmar
443	<b>TUNING FORK, 128 cps</b> Top quality aluminum alloy tuning forks. 15 to 25 cm long with 7 x 9 mm tines. Each is tuned within .05% of rated frequency. Stamped with scale letter and frequency.	\$3.00/ea		NADA Scientific
444	<b>TUNING FORK 256 cps</b> Top quality aluminum alloy tuning forks. 15 to 25 cm long with 7 x 9 mm tines. Each is tuned within .05% of rated frequency. Stamped with scale letter and frequency.	\$2.72/ea	15-574070-21 Page 604	Frey Scientific
445	<b>TUNING FORK 512 cps</b> Top quality aluminum alloy tuning forks. 15 to 25 cm long with 7 x 9 mm tines. Each is tuned within .05% of rated frequency. Stamped with scale letter and frequency.	\$2.72/ea	15-574091-21 Page 604	Frey Scientific
446	<b>TUNING FORK 8 PIECE SET</b> Top quality aluminum alloy tuning forks. 15 to 25 cm long with 7 x 9 mm tines. Each is tuned within .05% of rated frequency. Stamped with scale letter and frequency. Includes C 256, D 288, E 320, F 341.3, G 384, A 426.7, B 480 and C 512.	\$12.38/ea	SB16562X	NASCO
447	<b>TUNING FORK, Resonating, Demonstration</b> Designed to demonstrate the resonance of sound; includes a pair of chromium-plated carbon steel tuning forks of 440Hz mounted on wooden resonance boxes. Includes a rubber hammer.	\$31.28/ea	HUM-13734	Cynmar
448	<b>UNIFIX CUBES</b> Set of 500. 2/3" brightly colored interlocking cubes. 50 each of 10 colors. Grades K - 6.	\$16.00/ea	BC-5522227	CPW
449	<b>VAN de GRAAFF GENERATOR (small)</b> Includes teacher's manual with operation instructions and experiment procedures. Max Volt: 200 kv with 5-10 mC charge per spark. 48.8 cm H x 22.5 cm diameter.	\$103.20/ea	15-532023-21	Frey Scientific
450	<b>VIDEO-FLEX – 7300</b> This powerful analysis tool enhances learning by capturing details you might otherwise miss. The digital USB connection creates high resolution color images. Comes with a pre-attached 5 ft. USB cable (no cable to lose), Applied Vision™ Software for Windows which allows you to capture stills and record movies, Discovery Scope Kit to view specimens without a microscope,	\$575.00/ea	VF 7300 Ken-A-Vision	Capital Microscope

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
	adjustable contrast (brightness control), positive/negative switch (for dark field), fluorescent control, and carrying case. <b>SYSTEM REQUIREMENTS: Windows</b> - 98/2000/ME/XP: 8 MB RAM Video; Pentium II; 433 MHZ; 128 MB RAM; USB Port. Shipped UPS directly from factory. Allow extra delivery time. Resolution: 1280 x 960. Features Quick Focus™ with focal distance from 6 mm to infinity. Five-year warranty.			
451	<b>WASH BOTTLE, Narrow Mouth</b> Polyethylene 125ml, Quantity 6.	\$12.00/ea (Pk/6)	N16-WB125-6	NADA Scientific
452	<b>WATCH GLASS, Flint Glass</b> Excellent for use as evaporating or culture dishes, covers for beakers and funnels, and for weighing. Clear, annealed glass with fire polished edges; 76 mm.	\$0.40/ea	U2086-03	Sciencelabs.com
453	<b>WATER BATH</b> Heavy stainless steel with flat bottom, steam escape tube, and handles; cover formed on concentric rings to provide various opening from about 2.5 cm up to full opening in 2.4 cm. 5 cm deep.	\$80.53/ea	63590-00	Science Kit, LLC
454	<b>WATER POLLUTION KIT</b> Lab Aids #19 Qualitive Introduction to Water Pollution. Includes necessary labware, supplies, student guides and teacher's manual for 50 student tests to do calorimetric chemical analyses for ammonia, chlorine, chromium, copper, cyanide, iron, nitrate, phosphate, silica, and sulfide.	\$120.24/ea	Kit # 19	Sciencelabs.com
455	<b>WEATHERCYCLER</b> Includes one slide chart, instruction booklet, 12-page set of study activities. Grades 6 and up.	\$9.83/ea	SB20212M	NASCO
456	<b>WEATHER MAP, Reversible</b> Large (44" x 50") wipe off eraser board weather chart lets students plot weather patterns and forecast weather conditions. U.S. map outline includes locations of reporting cities, world map outline on reverse side includes two climographs for plotting comparative temperatures and precipitation. Detailed study guide included. Grades 4 - 12.	\$47.79/ea	462	Sciencelabs.com
457	<b>WEATHER VANE</b> 12" Tall, 8" diameter, heavy-duty plastic, hand-held or permanently mounted, removable pieces.	\$15.00/ea	TB13298	ETA/Cuisenaire
458	<b>WEIGHT SET</b> Set has 8 weights--1-50 g, 1- 2 g, 2-10 g, 1-5 g, 2- 2 g , 1-1 g in plastic storage box.	\$5.85/ea	SA05380X	NASCO
459	<b>WEIGHT SET, Hooped</b> Solid brass weights with sliding double-hooked rods supplied in a plastic block. Bottoms are recessed to permit using the weights on balance pans, or the weights may be hooked together in tandem for lever arm studies. Weight set range is 1000 g to 10 g. Set of nine weights includes one each of 10 g, 50 g, 100 g, 500 g, 1000 g and two each of 20 g and 200 g.	\$51.00/ea (Set/9x1)	15-595401-21 Page 706	Frey Scientific
460	<b>WEIGHT SET, Slotted</b> Eight, machined brass, slotted weights with sturdy metal rack. Weights include: 1-500 g, 2-200 g, 1-100 g, 1-50 g, 2-20 g, and 1-10 g.	\$37.17/ea	080-11744	Cynmar
461	<b>WIND METER, Dwyer (Nasco C09163M)</b> Pocket-size yet offers lifetime accuracy. Accuracy is ± 3 mph on the high scale. Low scale reads to 10 mph. High scale reads to 65 mph.	\$13.65/ea	C09163X	NASCO
462	<b>WIND-UP METRIC TAPE</b> Indestructible, high quality, fiberglass tape contained in a plastic wind-up case with a recessed winding handle; 14 mm wide tape is graduated to 0.5 cm on one side; the other side has additional 2 mm gradations.	\$4.23/ea	530044 - Page 87	EAI Education

Item #:	Description	Unit Price:	Catalog No.:	Vendor:
463	<b>WIRE GAUZE SQUARES with Ceramic Center</b>	\$3.44/ea (Pk/6x1)	15-584256-21 Page 714	Frey Scientific
	Wire gauze squares have permanent ceramic fiber center ( 3 1/4" diameter); 10 cm x 10 cm; 12 /pkg.			