

**KIT CONTENTS LIST FOR USE WITH: Science in the Atomic Age  
Berean Builders**

*Home Science Tools is not affiliated with the above curriculum publisher.*

<u>Text Reference</u>	<u>Item Description</u>	<u>Item Quantity</u>	<u>Notes</u>
1-16	Berean Builders Science in the Atomic Age Textbook & Key <i>(BB-ATOMAGE)</i>		Order the curriculum separately.
MULTIPLE	Beaker, glass, 250 ml <i>(CE-BE10250)</i>	4	
MULTIPLE	Measuring Cups, Set of 5 <i>(CE-MECUP)</i>	1	
MULTIPLE	Measuring Spoons, Set of 6 <i>(CE-MESPOON)</i>	1	
1.1	M&M's Fun Size <i>(PT-CANMMS)</i>	1	
2.1	Balloons, medium, 9" <i>(GS-BALLOMD)</i>	3	
2.1	Can, tin, small <i>(PT-CANSMAL)</i>		Use any soda can.
2.1	Friction pad, wool, 6x6" <i>(GS-PADWOOL)</i>	1	
2.3, 12.1	4x8 poly bags, 4 mil <i>(PK-BAG4X8)</i>	2	
2.3, 8.3	Golf Ball <i>(GS-GOLFBAL)</i>	1	
2.3, 9.3, 11.1	String, heavy cord, 25' <i>(MC-STRING)</i>	1	
3.1, 3.3, 4.1, 5.1	Salt packet, 0.6 g (table salt) <i>(GS-SALTPK)</i>		Use salt at home. Order separately or find at local supply store.
3.1, 4.1	Candle, 4" white <i>(OP-CANDLE)</i>	1	
3.1, 4.1	Matches, pack of 32 <i>(GS-MATCHES)</i>	1	
3.1, 4.1, 12.1, 13.2, 13.3	Baking soda, food grade, 1 lb or 450g <i>(CH-BKGSODA)</i>	1	
3.1, 4.2, 6.4, 7.1, 10.5	Aluminum Pie Plate, 5" diameter <i>(PT-PIEPAN5)</i>	3	Discard the 2 pans in Experiment 7.1.
3.2	Glass Jar, 16 oz size <i>(GS-JAR16OZ)</i>		Use 250ml beaker.
3.2	Marshmallows, Large, 12 oz <i>(CE-MARSHM)</i>		A total of 2 marshmallows are needed. Order separately or find at local supply store.
3.2, 10.3, 12.1	Clay, modeling, 4 oz. stick <i>(GS-CLAY)</i>	1	
3.2, 13.6, 16.2	Funnel, plastic, 65 mm dia. <i>(CE-FUNNEL)</i>	1	
3.3	Battery, 9-volt, alkaline <i>(EL-BALK-9V)</i>	1	
3.3	Cup, clear plastic, 9 oz <i>(PT-CUP9OZ)</i>	1	
3.3, 11.1	Thumbtacks, 100 pack <i>(GS-TACKS)</i>	1	A total of 4 tacks are included for the experiments.
4.1	Aluminum foil sheet, 9 x 10 <i>(PT-FOIL)</i>		Use foil from home. Find at local supply store or order separately.
4.2, 7.2, 7.3	Pipet (medicine dropper) <i>(CE-DROPPER)</i>	1	

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4.3, 9.3	Bottle, 60 ml (2 oz), natural HDPE plastic <i>(CE-BTP060N)</i>	2	Use the caps from these bottles for Experiment 9.3
5.1	Yeast, packet <i>(LM-YEAST)</i>	2	
5.1, 6.3	6x9 ziplock bags, 2 mil <i>(PK-ZIP6X9)</i>	4	
5.2, 6.3, 7.2	Iodine Solution 0.01N, 30 ml <i>(CH-IODSOLN)</i>	1	
5.3, 8.2	Isopropyl Alcohol, 90%, 30 ml <i>(UN-ISOPALC)</i>		Use 70% rubbing alcohol from your local grocery
6.1	Food Coloring, 4 colors <i>(CH-FOODCOL)</i>	1	
6.2	Straws, clear plastic <i>(PT-STRAWCL)</i>	1	
6.2, 7.2, 15.3	Construction paper, white <i>(PT-PAPCSWH)</i>	3	
6.3, 10.5	Cornstarch, food grade, 1 lb or 450 g <i>(CH-CORNSTC)</i>	1	
7.1	Gelatin, unflavored, packet <i>(PT-GELATIN)</i>	1	
7.1	Swab applicator, sterile, 2 pack <i>(PT-SWABS)</i>	1	
7.3, 9.2	Safety Gloves, size 8 - 8.5 Medium <i>(CE-SGLOVEM)</i>	1	
8.1, 13.3, 16.2	 <i>(UN-PEROXIDE)</i>		Use any hydrogen peroxide from your local grocery
8.1, 13.3, 16.2	Hydrogen Peroxide 6%, 30 ml <i>(CH-H2O2)</i>		Purchase from your local grocery store.
8.3	Crucible & Beaker Tongs <i>(CE-TONG)</i>	1	
8.3	River Rock Specimen <i>(RM-RIVRCK)</i>	1	
9.5, 13.1	Antacid Tablets, 12 pack <i>(CH-ANTAC12)</i>	1	
9.6, 10.3	Owl Pellet Probe 6" <i>(PT-OWLPROB)</i>	4	
10.1, 11.1	Paper Clips, small size, box <i>(GS-PCLIPSM)</i>	1	
10.1, 11.3	Ruler, 30 cm <i>(ME-RULER)</i>	1	
10.2	Construction paper, black <i>(PT-PAPCSBK)</i>	1	
11.4	Digital Stop Watch, 2" <i>(ME-STOPWAT)</i>		Use a cell phone timer. Order separately.
12.1	Water Balloons, 3" <i>(GS-BALLOWT)</i>	2	
12.1, 12.2	Straws, flexible plastic <i>(PT-STRAWFL)</i>	3	
12.3	Styrofoam Cup, 8 oz, each <i>(PT-STYRCUP)</i>	2	
12.4	Rubber band, size 16 <i>(PT-RUBBA16)</i>		Use any rubber band. Find at local supply store or order separately.
12.4	Rubber band, size 32 <i>(PT-RUBBA32)</i>		Use any rubber band. Find at local supply store or order separately.
13.1	Screen, 20 mesh, steel, 4x4" <i>(GS-SCREEN)</i>	1	
13.6	Filter Paper, 11 cm, 10 pack <i>(CE-FILTPAP)</i>	1	
13.6	Peat Moss, 60 cubic inches <i>(GS-PEATMOS)</i>	1	
15.2	Pebbles, fine gravel, 1 lb. <i>(GS-PEBBLE)</i>	1	Use as substitute for beans
16.1	Colored Pencils <i>(BE-CPENCIL)</i>	1	

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16.2	Candle, tea light (OP-CANDTEA)	1	

1. The products in this kit are intended for parent/teacher use to complete curriculum lab activities with students.
2. Some items are not designed for or intended primarily for children ages 12 and under.
3. Some materials and many chemicals we provide are dangerous and may be harmful if misused. With your purchase, you are assuming all responsibility for any injuries or damages resulting from the storage, use, and disposal of all materials and chemicals.
4. Some products may differ from the web image (such as clay, food coloring, etc.)
5. Some items readily available at grocery stores or not offered by Home Science Tools are not included.
6. We guarantee that you will be happy with every purchase from HST. All products are covered by our 90-day money-back guarantee.

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