

**KIT CONTENTS LIST FOR USE WITH: Science in the Industrial 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>
	Berean Builders Science in the Industrial Age Textbook <i>(BB-TEXTIND)</i>		See our website for more options. Purchase the curriculum textbook separately. Kit designed for use with the textbook experiments.
	Berean Builders Science in the Industrial Age Textbook & Key <i>(BB-INDUSTR)</i>		See our website for more options. Purchase the curriculum set separately.
2, 12, 23, 34, 41, 57	Clay, modeling, 4 oz. stick <i>(GS-CLAY)</i>	1	
2, 44	Toothpicks, pack <i>(GS-TOOTHPI)</i>	1	
3 and several others	Glacial Acetic Acid, 30 ml <i>(UN2789)</i>		Purchase separately from your local grocery store.
3 and several others	Measuring Spoons, Set of 6 <i>(CE-MESPOON)</i>	1	
3, 16, 21, 50, 52, 67	Drawing Paper, white, 9"x12" <i>(PT-PAPDRAW)</i>	9	Can be used in place of an Index Card for experiment 9.
3, 29, 47, 48	Red Cabbage Indicator Jiffy Juice Kit <i>(KT-JIFFYJU)</i>		Purchase separately from our website if you do not want to make the pH indicator solution from red cabbage.
3, 29, 48, 60, 68	Ammonium Hydroxide, 30 ml <i>(UN2672)</i>	1	Dilute to use for experiments: Mix entire contents of bottle with 2 cups of water. Store in a non-food container.
4 and several others	Scissors, round tip <i>(GS-SCISSORS)</i>	1	
4, 15, 16, 17, 80, 88	Neodymium Disc Magnets, 0.5", 2 pack <i>(MG-NEODISC)</i>	1	
4, 16	Bar Magnets, 1.2" ceramic, 2 pack <i>(MG-BAR1C)</i>	1	
5 and several others	Beaker, glass, 100 ml <i>(CE-BEI100)</i>		Purchase separately from our website if you do not want to use your glasses from home. Most experiments can use the plastic cups provided, but some require a glass cup.
5 and several others	Measuring Cups, Set of 5 <i>(CE-MECUP)</i>	1	
5, 16, 76	Steel Wool <i>(GS-STLWOOL)</i>	1	
5, 7	Hydrogen Peroxide 6%, 100 ml <i>(CH-H2O2100)</i>	1	
6, 30, 37, 59, 60, 66	Isopropyl Alcohol, 90%, 30 ml <i>(UN-ISOPALC)</i>		Purchase separately from your local supply store. You will need at least 2 cups of rubbing alcohol.
7, 45, 59, 73	Yeast, packet <i>(LM-YEAST)</i>	3	
7, 9, 67	Sodium Carbonate, 30 g <i>(CH-NA2CO3)</i>	1	
9, 24, 41	Balloons, medium, 9" <i>(GS-BALLOMD)</i>	4	
9, 24, 66	Funnel, plastic, 65 mm dia. <i>(CE-FUNNEL)</i>	1	
10	Markers, washable, 12 pack <i>(BE-MARKERS)</i>		Use any marker or crayon from home.
10, 14, 15, 24, 49, 81, 83, 88	Sodium Chloride, 30 g <i>(CH-NACL)</i>		Purchase separately from your local grocery store. Experiments require approximately 2 cups.

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10, 49	9x12 ziplock bags, 2 mil <i>(PK-ZIP9X12)</i>	1	
11, 19, 27, 55	Paper Clips, small, 100/box <i>(GS-PCLIPSM)</i>	1	
11, 31, 55	String, heavy cord, 25' <i>(MC-STRING)</i>	1	
11, 65	Ruler, 30 cm <i>(ME-RULER)</i>		Use any ruler from home or purchased from your local supply store.
13	Compass, magnetic, 1.5" <i>(GS-COMPASS)</i>	1	
13 and several others	Aluminum foil sheet, 9 x 10 <i>(PT-FOIL)</i>		Purchase separately from your local grocery store.
13, 19, 23	Battery, D, heavy duty, 2 pack <i>(EL-BATTD2)</i>	1	
14, 84	Candle, tea light <i>(OP-CANDTEA)</i>	1	
15, 19, 27	Copper Wire, bare, #24, 25' <i>(EL-WIRE24C)</i>	1	
15, 27, 76, 83, 86, 88	Battery, 9-volt, alkaline <i>(EL-BALK-9V)</i>	1	
15, 88	Aluminum Pie Plate, 9" diameter <i>(PT-PIEPAN9)</i>	1	
16	Gloves, Nitrile, Size Medium, Pair <i>(GS-GLOVNT)</i>	1	
17	Copper pipe, 1/2" diameter, 6" long <i>(PT-COPIP06)</i>	1	
17, 25, 36	Marbles, pack of 15 <i>(GS-MARBLSM)</i>	1	
19, 24, 27, 41, 86	Nail, 16D, bright box <i>(PT-NAIL16C)</i>	2	
20, 29, 38, 45, 48	Styrofoam Cup, 8 oz, each <i>(PT-STYRCUP)</i>	6	
20, 33, 40, 52, 53, 62, 78	Food Coloring, 4 colors <i>(CH-FOODCOL)</i>	1	
22, 38	Insect Pins, size 2, student <i>(BE-INSP02E)</i>		Purchase separately from the website if you do not have a pin with a round head at home.
25, 30, 52, 75	Construction paper, black <i>(PT-PAPCSBK)</i>	2	
27	Rubber band, size 32 <i>(PT-RUBBA32)</i>	1	
27, 83	Thumbtacks, 100 pack <i>(GS-TACKS)</i>	1	Purchase if you do not have thumbtacks at home.
30, 42, 71	LED Flashlight, 25 Lumens <i>(OP-LIGHT4)</i>	1	A LED flashlight is included with this kit. Please note that a non-LED flashlight is also require and is not provided.
34, 64, 84	Matches, pack of 32 <i>(GS-MATCHES)</i>	1	
36	Construction paper, green <i>(PT-PAPCSGR)</i>	1	
36	Construction paper, red <i>(PT-PAPCSRDR)</i>	1	
41, 46	Straws, flexible plastic <i>(PT-STRAWFL)</i>	3	
44, 56	Marshmallows, Large, 10 oz <i>(CE-MARSHM)</i>	1	Use in place of the gumdrops. Use food coloring to color the marshmallows for experiment 44.
46, 49, 73	5x7 ziplock bags, 2 mil <i>(PK-ZIP5X7)</i>	5	
54	Ball, ping-pong <i>(PT-BALLPP)</i>	1	
54, 55, 83	Cup, clear plastic, 9 oz <i>(PT-CUP9OZ)</i>	8	
60	Turmeric, 800 mg <i>(CH-TUMERIC)</i>	1	The contents of the two tablets should equal 1/4 teaspoon.
61	Digital Stop Watch, 2" <i>(ME-STOPWAT)</i>		Use any watch, timer or cell phone to complete the experiment.

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66	Citrus Dish Degreaser, 15ml <i>(CH-CITRCLN)</i>	1	
66, 88, 87	Owl Pellet Probe 6" <i>(PT-OWLPROB)</i>	6	
67	Swab applicator, sterile, 2 pack <i>(PT-SWABS)</i>	2	
67, 78	Grape Juice, 5.5 oz Can <i>(GS-GRAPEJU)</i>	1	
81	Magnesium Sulfate, 100 g <i>(CH-EPSOM)</i>	3	You will need at least 1 cup of epsom salts. It is more economical to purchase from your local store.

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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