



**KIT CONTENTS LIST FOR USE WITH: Exploring Creation with General Science
3rd Edition**

Apologia Educational Ministries

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>
	Apologia General Science - Tests & Key <i>(AM-KEYGENS)</i>		Purchase separately.
	Apologia General Science Student Notebook <i>(AM-GENSNBK)</i>		Purchase separately.
	Apologia General Science Textbook <i>(AM-TEXTGEN)</i>		Purchase separately.
Curriculum Set	Apologia General Science - Text, Tests, & Key <i>(AM-GENSCIE)</i>		Purchase separately.
All	Chemical Splash and Impact Safety Goggles, Adult <i>(CE-GOGGLE1)</i>	1	
1	Ball, steel, 1", each <i>(MC-BALLSTL)</i>	1	
1, 12	Table Tennis Ball <i>(PT-BALLPP)</i>	1	
1, 13	Digital Pocket Scale, 500 g x 0.1 g <i>(BS-DBP500)</i>		Purchase separately. Use any kitchen scale available to complete experiments.
1, 2	Pipet (medicine dropper) <i>(CE-DROPPER)</i>	1	
1, 2, 6, 7, 12	Paper, construction, 12 sheets <i>(GS-PAPERCS)</i>	1	
1, 5, 6, 8, 12, 14	String, heavy cord, 25' <i>(MC-STRING)</i>	1	
1, 5, 8, 9, 14	Ruler, 30 cm <i>(ME-RULER)</i>		Any wood or plastic ruler will work to complete experiments.
2, 5, 9	Paper Clips, small size, box <i>(GS-PCLIPSM)</i>		Many paperclips will work to complete experiments.
2, 7, 8, 11, 12, 14	Balloon Set of 9 <i>(GS-BALLOON)</i>	2	
2, 8, 6	Magnifying Glass, 2", 3X Lens <i>(OP-MAGNIFY)</i>	1	
3	Candle, tea light <i>(OP-CANDTEA)</i>	2	
3	Digital Stop Watch, 2" <i>(ME-STOPWAT)</i>		Use a cell phone or web-based stop watch.
3	Food Coloring, 4 colors <i>(CH-FOODCOL)</i>		Use any food coloring.
3, 6, 8	Stirring Rod, glass, 6" <i>(CE-STIRROD)</i>	1	
3, 6, 9	Clay, modeling, yellow, 4 oz. stick <i>(GS-CLAYYEL)</i>	1	
3, 8, 14	Candle, 4" white <i>(OP-CANDLE)</i>		Any candle will work to complete all experiments.
5	Sandpaper, 1 sheet medium grit <i>(PT-SANDPAP)</i>	1	
5	Thumbtacks, 100 pack <i>(GS-TACKS)</i>		Any available tack will work to complete experiment.
5, 12	LED Flashlight, 25 Lumens <i>(OP-LIGHT4)</i>		Use any flashlight.

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6	Alum, 100 g <i>(CH-ALUM)</i>	1	
6	Epsom salt, food grade, 1 lb or 450 g <i>(CH-FGEPSON)</i>	1	
6	Plaster of paris, 4 oz. <i>(GS-PLASTER)</i>	1	
6	Washers, 1", 5 pack <i>(GS-WASHERS)</i>	1	
6, 13	Pebbles, fine gravel, 1 lb. <i>(GS-PEBBLE)</i>	1	Use in place of navy beans.
6, 8, 14	Sand, coarse, 1 lb <i>(GS-SANDCRS)</i>	1	
7	Thermometer, Fahrenheit & Celsius, <i>(ME-THER30A)</i>		Optional to purchase separately for Explore More Activity.
7, 9	Rubber bands, 1.4 oz. bag <i>(GS-RUBBAND)</i>		Use any available rubber bands.
8	Beaker, glass, 100 ml <i>(CE-BEI0100)</i>		Use any small glass.
8	Beaker, glass, 250 ml <i>(CE-BEI0250)</i>		Use any small glass.
8	Calcium Chloride, 30 g <i>(CH-CACL2)</i>	1	Use this Calcium Chloride in place of Damprid for the experiment.
8	Filter Paper, 11 cm, 10 pack <i>(CE-FILTPAP)</i>		Use a coffee filter in place of the filter paper to complete experiment.
8	Home LED Microscope <i>(MI-4100LST)</i>		Optional to purchase separately. The included magnifying glass can be used to complete experiment. A microscope may add to the learning experience. Explore our website for more available options for purchase.
8	Potassium Chloride, 30 g <i>(CH-KCL)</i>	1	Use Potassium Chloride in place of Salt Substitute to complete experiment.
8, 12, 14	Powder Funnel, plastic, 80 mm diameter <i>(CE-FUNPWDR)</i>	1	
9	Bar Magnets, 3" Alnico I, 2 pack <i>(MG-BAR3AL)</i>		Optional to purchase separately for Explore More Activity.
9	Battery, D, heavy duty, 2 pack <i>(EL-BATTD2)</i>	1	
9	Bulb holder, 1-bulb <i>(EL-BULBHD1)</i>	1	Use with lightbulb.
9	Bulb, screw style, 3.8-volt <i>(EL-LAMP3.7)</i>	1	
9	Copper Wire, insulated, #24, 15' <i>(EL-WIRE24H)</i>	1	Apologia recommends #22 wire, but #24 in this kit will serve same purpose.
9	Iron Metal Filings, 30 g <i>(CH-IRON)</i>		Optional for Explore More Activity.
10	Forceps, stainless steel <i>(DE-FORCEP)</i>		Use any tweezers.
10	Iodine (Lugol's) Biological Stain Solution, 30 ml <i>(CH-IODINE)</i>	1	
10	Isopropyl Alcohol, 90%, 30 ml <i>(UN-ISOPALC)</i>		Purchase rubbing alcohol from your local grocery.
10	Seeds, baby lima bean, pack <i>(LM-SEEDBEA)</i>	1	
10	Simple DNA Model Kit <i>(CM-DNASIM)</i>	1	Use on own or use pipe cleaners with licorice as instructed
10, 11	Yeast, packet <i>(LM-YEAST)</i>	1	
12	Glow light stick, 6", green <i>(OP-GLOWSTK)</i>	1	
14	Scalpel, plastic handle, #22 <i>(DE-SCALP22)</i>		Use scissors or other knife.
14	Tennis ball <i>(GS-BALLTNS)</i>	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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