

**KIT CONTENTS LIST FOR USE WITH: Investigating God's World (Grade 5)**  
**4th Edition**  
**abeka®**

*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>
1.1, 1.8, 4.8, 8.2	Clear Plastic Film Canister (GS-FILMCAN)	6	Use these film canisters in place of margarine container for Activity 4.2
1.2 and others	Insects Golden Guide (BK-GINSECT)	1	Optional to purchase separately. We offer many other Golden Guides® for purchase to enhance the learning experience. Check out our website!
1.2, 1.5	Rubber bands, 1.4 oz. bag (GS-RUBBAND)	1	
1.2, 1.5, 8.2	Cheesecloth, bleached (GS-CHCLOTH)	1	For 8.2, may be rolled up and used in place of shoelace for wet hygrometer and attach to bulb using rubberbands.
1.2, 1.5, 2.5, 3.2	Plastic Kit Box (PT-KITBOX)	1	May be used for 1.2 Science Museum if you desire to complete the Science Museum activity.
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1.2, 4.3, 4.4, 8.5	Magnifying Glass, 2", 3X Lens (OP-MAGNIFY)	1	
1.6	Bottle, 500 ml (16 oz), natural HDPE plastic, wide mouth (CE-BTP500W)	1	Use for bug collection in Pitfall Trap.
1.8, 4.7	Clay, modeling, 4 oz. stick (GS-CLAY)	1	Use instead of putty for 1.8.
1.8, 7.5	String, heavy cord, 25' (MC-STRING)	1	Use string to measure balloon circumference difference.
2.5	Plaster of paris, 4 oz. (GS-PLASTER)	1	
2.5	Sand, coarse, 1 lb (GS-SANDCRS)	1	
2.10, 3.1, 5.2, 5.8, 6.5, 6.7	Glass Jar, 16 oz size (GS-JAR16OZ)	3	Use this 16 oz jar in place of the clear bowl for 5.8
3.1, 3.5, 3.7	Light, small beam penlight (OP-LIGHT3)	1	
3.3, 3.5	Mirror, glass plane, 4"x 4" (OP-MIRROR3)	2	
3.5	Prism, glass, 25mm x 75mm (OP-PRISM)		Use the mirrors and plastic shoebox to make the prism.
4.2	Seeds, baby lima bean, pack (LM-SEEDBEA)	2	
4.2	Vial, clear glass, 15 ml (CE-VIAL15)	1	Use this small vial in place of the 16oz glass jar for the experiment in 4.2
4.2, 4.3	Limestone, fossiliferous (RM-LIMESTO)	2	Limestone is gray toned and very porous.
4.3	Acetic Acid Solution 1 M, 100 mL (CH-ACETIC)	1	This acetic acid can be used in place of store bought vinegar. Always wear gloves when handling chemicals.
4.3	Collection display box, 15 compartments (RM-CASE)		Optional to purchase separately. Use a piece of cardboard from the shipping box to make your collection box as described in the lesson.
4.3	Economy Rock Pick, 10 oz. (RM-PICKPRO)	1	The included file can be used to create dust and pieces for the activity
4.3	Granite, Gray-White Specimen (RM-GRANITE)	1	Pinkish rock with black speckles

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4.3	Marble Powder, 4 oz (CH-MRBLDST)	1	
4.3	Pipet, disposable, 3 ml (CE-PIPET3S)	1	Use the pipet to drop acetic acid onto rock specimens
4.3	Rock Study Kit, 15 specimens (RM-RKSTUDY)		Optional to purchase separately for an enhanced rock collecting experience.
4.3	Seashell, individual (PT-SEASHEL)	1	
4.3, 4.7, 8.1	Baking soda, 50 g (CH-BSODA50)	1	Use for "powder"
4.3, 5.2	Aluminum Pie Plate, 9" diameter (PT-PIEPAN9)	1	Use this pie pan for a dish to conduct experiment where needed. Keep for re-use throughout the curriculum.
4.3, 8.1	File, triangular (CE-FILE)	1	
4.3, 8.1	Gloves, Nitrile, Size Medium, Pair (GS-GLOVIT)	2	Use the nitrile gloves whenever you are working with chemicals
4.4	Crystal Tree Growing Kit (KT-CRYTREE)	1	Use the crystal growing tree kit in place of all the separate components.
4.4	Plate, ceramic, 1x2" (RM-STREAKC)	1	
4.7	Fossil Starter Set, 4 specimens (RM-FSTART)		Optional to purchase separately. These fossils will enhance your studies. See our website for more fossil collections.
5.8	Dishwashing Liquid Detergent, 15 ml (CH-DISHDET)	1	
5.8	Vegetable Oil, 2 oz. (CH-OIL2OZ)	1	
5.8, 6.5, 8.1	Food Coloring, 4 colors (CH-FOODCOL)	1	1 color included.
6.2	Bar Magnets, 1.2" ceramic, 2 pack (MG-BAR1C)	1	
6.2	Horseshoe Magnet, 1" Alnico V (MG-HORSE1)	1	
6.2	Iron Metal Filings, 30 g (CH-IRON)	1	These filings are shipped in a small shrink wrapped vial
6.2, 7.5	Balloons, medium, 9" (GS-BALLOMD)	2	
6.7	Beaker, glass, 100 ml (CE-BEI100)	1	Use the 100 mL beaker for 6.7 in place of the small jar.
6.7	Candle, tea light (OP-CANDTEA)	3	
6.7, 7.5	Matches, pack of 32 (GS-MATCHES)	1	
7.3	Celestron Binoculars, 10 x 50 (OP-BI2023)		Optional to purchase separately.
7.3	Star and Planet Locator (AS-STARLOC)		Optional to purchase separately. This locator will enhance your study of the stars. See our website for other astronomy aids including binoculars, telescopes and other star locators.
7.5	Glass milk bottle, 10oz (CE-BTL10OZ)	1	Old style glass milk bottle for egg activity
7.5	Tape Measure, Flexible, 150 cm (ME-TAPE1)	1	Use string to measure for Activity 7.5
8.1	Erlenmeyer Flask, 250 ml (CE-FLAI250)	1	
8.1	Glass Tube, 5 mm, 12" long (CE-TUBEG12)	1	Glass tube does not need to be cut and filed for 8.1 as it is already 12". Hold the glass tube in a folded paper towel with provided gloves to protect hands while inserting tube in stopper.
8.1	Rubber Stopper, #6.5, 1-hole (CE-STOP06A)	1	
8.2	Plastic Student Thermometer (ME-THERMPL)	2	
9.2	Hova-bator Thermal Air Incubator (BE-HOVABAT)		Optional to purchase separately.

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9.8	Bullfrog Tadpoles - Live <i>(LD-BFROGTD)</i>		Optional to purchase separately. There is a US48 shipping restriction for this item.

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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