



**KIT CONTENTS LIST FOR USE WITH: Exploring the Building Blocks of Science  
Book 6 Laboratory Notebook  
Gravitas Publications, Inc.**

*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>
	Exploring the Building Blocks of Science Book 6 Laboratory Notebook (RS-BB6LAB)		Purchase separately. Kit designed for use with the Laboratory Notebook.
	Exploring the Building Blocks of Science Book 6 Student Text (RS-BB6TEXT)		Purchase separately.
	Exploring the Building Blocks of Science Book 6 Teacher's Manual (RS-BB6TEAC)		Purchase separately.
Curriculum Set	Exploring the Building Blocks of Science Book 6 Set (RS-BB6SET)		Purchase this curriculum set separately at a discounted price.
Microscope	Home 1000X LED Microscope (MI-4100LXL)		The course recommends a 1000x microscope to complete the lab 7 & 8. See our website for other microscope options.
Microscope	Microscope Immersion Oil (MI-IMMOIL)		Optional to purchase separately. Immersion oil is only used with 1000x microscope. Purchase if you have a 1000x microscope.
1	Forceps, stainless steel (DE-FORCEP)	1	
1	Safety Goggles, Impact, Adult (RM-GOGPER1)	1	
1, 6, 9	Gloves, Nitrile, Size Medium, Pair (GS-GLOVNT)	6	
2	Graduated Cylinder, glass, 10 ml (CE-CYGL10)	1	
2	Isopropyl Alcohol, 90%, 30 ml (UN-ISOPALC)		Purchase separately. Rubbing alcohol from your local grocery store can be used to complete the experiment.
2	Vegetable Oil, 6 oz. (sold only in kits) (CH-VEGEOIL)		Purchase separately. Any vegetable oil can be used to complete the experiment.
2, 3, 5	Pipet, disposable, 1 ml, 10 pack (CE-PIPET)	1	
3	Filter Paper, 11 cm, 10 pack (CE-FILTPAP)	1	
3, 11	Scissors, round tip (GS-SCISSORS)		Purchase separately. Any household scissors can be used to complete the experiments.
3, 11, 13, 18, 20	Ruler, 30 cm (ME-RULER)	2	
3, 4	Ammonium Hydroxide, 30 ml (UN2672)		Purchase separately. This solution will need diluted to create household ammonia or purchase ammonia from your local grocery store.
3, 4	Cup, clear plastic, 9 oz, 3 pack (CE-BEAKCUP)		Any plastic cup or kitchen cups can be used to complete the experiments.
3, 4	Red Cabbage Indicator Jiffy Juice Kit (KT-JIFFYJU)	1	Purchase only if you do not wish to make the red cabbage juice at home. Refer to text for instructions.
3, 4, 8, 9	Measuring Cups, Set of 5 (CE-MECUP)		Purchase separately. Any household measuring cup can be used to complete the experiments.
3, 4, 8, 9	Measuring Spoons, Set of 6 (CE-MESPOON)		Purchase separately. Any household measuring spoons can be used to complete the experiments.
3, 5, 6, 9, 11, 13, 20	Marker, black, permanent (BE-MARKBLK)		Any marker will work to complete the experiment.

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3, 9	Glacial Acetic Acid, 30 ml (UN2789)		Purchase separately. This solutin will need diluted to create household vinega or purchase vinegar from your local grocery store.
4, 9, 14	Glass Jar, 16 oz size (GS-JAR16OZ)	1	
5	Iodine (Lugol's) Biological Stain Solution, 30 ml (CH-IODINE)	1	
5	Laundry starch, concentrated, 30 ml (CH-LSTARCH)	1	
5	Paper, blotter, 4"x6" (sold only in kits) (PT-BLOTTER)	1	
6	Candle, tea light (OP-CANDTEA)	1	
6	Escherichia Coli Bacteria - Freeze Dried Culture (LM-FDECOLI)		Order this freeze dried culture or the live culture (LD-ESCHCOL) to complete lab 6.
6	Escherichia Coli Bacteria - Live Culture (LD-ESCHCOL)		Purchase separately. Order this live culture or the freeze dried culture (LM-FDECOLI) to complete lab 6.
6	Inoculating Needle with Looped End (BE-INOCUL)	1	
6, 9	Agar, nutrient, 8 g, dehydrated (CH-AGARN08)	2	
6, 9	Petri Dishes, polystyrene, 90 x 15 mm, 20 pack (BE-PETRI20)	2	
7	Complete Elementary Slide Set, 25 slides (MS-SETPRIM)		Optional to purchase this prepared slide set to an ehance the microscope lab experience.
7, 8	Microscope Slide Set, Basic (MS-SLIDSET)	1	Contains all the slide making materials needed for this curriculum.
8	Basic Protozoa Set - Live Culture (LD-PROBASC)		Optional to purchase separately. Our Protozoa Culture Kit is included so you can complete this lab.
8	Eosin Y, 1%, 30 ml (CH-EOSIN)	1	
8	Methyl Cellulose, 1.5%, 30 ml (CH-METHCEL)	1	
8	Protozoa Culture Kit (LM-PROTIST)	1	Use this kit in the place of the Basic Protozoa Set (LD-PROBASC).
8	Yeast, packet (LM-YEAST)	1	
9	5x7 ziplock bags, 2 mil (PK-ZIP5X7)	1	
9	Sodium Tetraborate, 30 g (CH-NA2B4O7)	1	
10	Snap Circuits Jr. 100 Electronics Discovery Kit (KT-SNAP100)	1	
11	Ball, steel, 0.5" (MC-BALLS2S)	1	
11	Ball, steel, 1", each (MC-BALLSTL)	1	
11	Marbles, pack of 15 (GS-MARBLSM)	1	
11	Platform scale, 450 g capacity (BS-SCALEDT)	1	
12	Digital Stop Watch, 2" (ME-STOPWAT)		Use a watch with a second hand or a timer on a cell phone.
12, 14	Compass, magnetic, 1.5" (GS-COMPASS)	1	
13, 18, 20	String, heavy cord, 25' (MC-STRING)	1	
13, 20	Thumbtacks, 100 pack (GS-TACKS)		Purchase separately from your local grocery store.

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14, 15, 21	Colored Pencils (BE-CPENCIL)		Purchase separately. Any colored pencils or crayons can be used to complete the experiments.
16	Clay, modeling, 4 oz. stick (GS-CLAY)		Optional to purchase separately to complete a creative experiment.
16	Styrofoam balls, 2" diameter, 2-pack (GS-STYBAL2)		Optional to purchase separately to complete a creative experiment.
17	Matches, pack of 32 (GS-MATCHES)	1	
18	Protractor, 6" semi-circle (ME-PROTRSM)	1	
19	LED Flashlight, 25 Lumens (OP-LIGHT4)		Purchase separately. Any household flashlight can be used to complete the experiment.
19	Orion SpaceProbe II 76 mm Altazimuth Reflector Telescope (AS-TSPACIIA)		Optional to purchase separately for an enhanced lab experience.
19	Star and Planet Locator (AS-STARLOC)		Optional to purchase separately for an enhanced lab experience.
19	Stellarscope Star Locator (AS-STELLAR)		Optional to purchase separately for an enhanced lab experience.

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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