

**KIT CONTENTS LIST FOR USE WITH: Alpha Omega Publications
LIFEPAC®
Grade 5 Science**

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>
1A-E 2A,C	Home LED Microscope (MI-4100LST)	0	We recommend this microscope as the best choice for most home schools. It will provide excellent service through high school. See our website for other microscope options.
1,2	Lens Cleaner, 60 ml (MI-LENSCLN)	0	Recommended to keep your microscope lenses clean.
1,2	Lens Cleaning Paper, 50 pack (MI-PAPER)	0	Recommended to keep your microscope lenses clean.
1A, 2A,B,C, 3A	Scalpel, plastic handle, #22 (DE-SCALP22)	1	
1A,B,D	Iodine (Lugol's) Biological Stain Solution, 30 ml (CH-IODINE)	1	
1A-E 2A,C	Microscope Slide Set, Basic (MS-SLIDSET)	1	
1A-E,2A,C 3B,9E	Pipet (medicine dropper) (CE-DROPPER)	1	
1B, 2B,C	Forceps, stainless steel (DE-FORCEP)	0	Optional to purchase separately. Tweezers will work to complete experiment.
1C	Protozoa Culture Kit (LM-PROTIST)	0	Optional. Order if pond water is not available. Produces a mini-pond in 2-5 days, complete with protozoa and algae.
1E	Lancet, sterile, 10 pack (BE-LANCET)	1	
1E	Methylene Blue, 1%, 30 ml (CH-METHBLU)	1	This is what is referred to as "ink stain".
2A	Dissection Pins, 6 pack (DE-PINS)	0	Optional to purchase separately. Will be easier to use than straight pins and toothpicks.
2A-C, 3A,B, 8A,B	Magnifying Glass, 2", 3X Lens (OP-MAGNIFY)	1	
2B	Seeds, baby lima bean, pack (LM-SEEDBEA)	1	
2B	Seeds, corn, pack (LM-SEEDCOR)	1	
2C, 3A, 5D, 9C,E	Jar, 125 ml (4 oz), plastic (CE-BTPE4OZ)	3	Use in place of baby food jars, and can also be used for insect jars in 504.
3B	Paper, special set, 10 sheets (GS-PAPERSP)	0	Need tissue paper for activity.
4	Jar, 1 gallon, clear plastic (BE-JAR1GAL)	1	
4	Peat Moss (GS-PEATMOS)	1	Use in place of potting soil.
4	Terrarium (BE-TERRAR)	0	Optional to purchase separately. Use instead of 1 gal jar for a more useful terrarium.
4,8C	Pebbles, fine gravel, 1 lb. (GS-PEBBLE)	0	Use any clean gravel or pebbles to complete activity.
4,8C	Sand, coarse, 1 lb (GS-SANDCRS)	0	Use any sand to complete activity.
5, 8B	Paper, construction, 12 sheets (GS-PAPERCS)	0	Use any construction paper to complete activity.
5A,C,D	Thermometer, Celsius, 12" (ME-THER30B)	1	

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5B	Paper Clips, small, 100/box <i>(GS-PCLIPSM)</i>	0	Activities require 2 paper clips
7A	Clay, modeling, 4 oz. stick <i>(GS-CLAY)</i>	2	
7A	Fossil Starter Set, 4 specimens <i>(RM-FSTART)</i>	0	Optional to purchase separately. Can be used instead of shells and bones.
7B	Plaster of paris, 4 oz. <i>(GS-PLASTER)</i>	2	
9A	Ruler, 30 cm <i>(ME-RULER)</i>	1	
9A,G	Graduated Cylinder, polypropylene, 100 ml <i>(CE-CYPP100)</i>	1	
9D	Candle, 4" white <i>(OP-CANDLE)</i>	0	Use any candle to complete the activity.
9E	Spring scale, 100 g/1 N <i>(BS-SCALE4)</i>	1	We recommend this spring scale rather than the expensive double pan balance called for in the curriculum.
9G	Funnel, plastic, 65 mm dia. <i>(CE-FUNNEL)</i>	1	
10	Rock Study Kit, 15 specimens <i>(RM-RKSTUDY)</i>	0	Optional to purchase separately to enhance the activity.

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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