

KIT CONTENTS LIST FOR USE WITH: LIFEPAC®

Grade 3 Science

Alpha Omega Publications

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<u>Text Reference</u>	<u>Item Description</u>	<u>Item Quantity</u>	<u>Notes</u>
2	Home LED Microscope (MI-4100LST)		Optional. Needed only if you will do the microscope leaf study. Purchase separately.
2	Lens Cleaner, 60 ml (MI-LENSCLN)		Recommended to keep your microscope lenses clean. Optional, only needed if microscope is purchased. Order separately.
2	Lens Cleaning Paper, 50 pack (MI-PAPER)		Recommended to keep your microscope lenses clean. Optional, only needed if microscope is purchased. Order separately.
1	Sponge, natural, 2" (GS-SPONGEN)		Use any sponge. Order separately or find at local supply store.
1,5	Funnel, plastic, 65 mm dia. (CE-FUNNEL)	1	
1,6	Tape Measure, Steel, 3 meters (ME-TAPEMEA)		Tape Measure, Steel, 3 meters, Optional. Order separately or find at local supply store.
10	Paper, construction, 12 sheets (GS-PAPERCS)		You need black and white paper. Order separately or find at local supply store.
2	Ficus (dicot) leaf slide, c.s. (MS-FICLEAF)		Optional. Needed only if you will do the microscope leaf study. Order separately.
2	Microscope Slide Set, Basic (MS-SLIDSET)		Optional. Needed only if you will do the microscope leaf study. Order separately.
2	Seeds, baby lima bean, pack (LM-SEEDBEA)	1	
2,3	Peat Moss (GS-PEATMOS)	2	Use any potting soil.
2,3,6,9	Ruler, 30 cm (ME-RULER)	1	
2,5	Cup, paper, 8 oz, 4 pack (GS-CUPPAP)	3	
2,8,9	Magnifying Glass, 2", 3X Lens (OP-MAGNIFY)	1	
3	Jar, 1 gallon, clear plastic (BE-JAR1GAL)		For sow bug experiment only. Use any 1 gallon jar. Order separately or find at local supply store.
3,10	Thermometer, Fahrenheit & Celsius, 12" (ME-THER30A)	2	
5	Cheesecloth, bleached (GS-CHCLOTH)		Cheesecloth, bleached, Use for strainer. Use household strainer or purchase separately.
5	Spring scale, 500 g/5 Newton (BS-SCALE2)	1	This is a good alternative to a food scale.
5,6,9	Balloon Set of 9 (GS-BALLOON)	1	You can use the large balloons instead of a piece of rubber for Unit 6
5,8	Jar, 125 ml (4 oz), plastic (CE-BTPE4OZ)		Order only if you don't have a baby food jar. Order separately or find at local supply store.
5,8	Sand, coarse, 1 lb (GS-SANDCRS)	1	
6	Rubber bands, 1.4 oz. bag (GS-RUBBAND)	1	
6	Tuning Fork, C, 256 cps (MC-TF0256)	1	

<u>Text Reference</u>	<u>Item Description</u>	<u>Item Quantity</u>	<u>Notes</u>
6,8,10	String, heavy cord, 25' (MC-STRING)		Cotton cable cord. Use any string, order separatley or find at local supply store.
7	Chalk (calcium carbonate) (CH-CHALK)		Chalk (calcium carbonate). Order separatley or find at local supply store.
7	Clay, modeling, 4 oz. stick (GS-CLAY)	1	
8	Alum, 100 g (CH-ALUM)		Optional but recommended. The alum produces crystals more reliably than salt or sugar. Order separatley.
8	Limestone, fossiliferous (RM-LIMESTO)	1	
8	Pebbles, fine gravel, 1 lb. (GS-PEBBLE)	1	
8	Rock Study Kit, 15 specimens (RM-RKSTUDY)		Optional. Includes limestone sample. Order separatley.
8,9	Pipet (medicine dropper) (CE-DROPPER)	1	
9	Alcohol Lamp & Stand Set (CE-LAMPKIT)		We recommend this lamp set instead of a Bunsen burner or hotplate. It will work through high school level courses. You can also use a stove burner for many experiments. Order separatley.
9	Candle, 4" white (OP-CANDLE)		Use jar lids for holders. Any candles will work. Order separatley or find at local supply store.
9	Ethyl Alcohol, 95%, 30 ml (UN-ETHYALC)		Optional. Order only if you don't want to purchase denatured alcohol locally for the alcohol lamp. Order separatley.
9	Mirror, glass plane, 4"x 4" (OP-MIRROR3)		Use any mirror. Order separatley or find at local supply store.
9	Nail assortment, 30 pieces (GS-NAILS)		Use any nail. Order separatley or find at local supply store.
9	Thumbtacks, 100 pack (GS-TACKS)		Cannot sell item individually. Choking hazard. Find at local supply store.
9	Tube, brass, 1/4 x 10 (GS-TUBECOP)	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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