

KIT CONTENTS LIST FOR USE WITH: LIFEPAC®

Grade 6 Science

Alpha Omega Publications

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<u>Text Reference</u>	<u>Item Description</u>	<u>Item Quantity</u>	<u>Notes</u>
1D ,E ,F	Home LED Microscope (MI-4100LST)		We recommend this microscope as the best choice for most home schools. It will provide excellent service through high school. See website for other microscope options. Order separately.
1	Lens Cleaner, 60 ml (MI-LENSCLN)		Recommended to keep your microscope lenses clean. Only needed if the microscope is ordered. Order separately.
1	Lens Cleaning Paper, 50 pack (MI-PAPER)		Recommended to keep your microscope lenses clean. Only needed if the microscope is ordered. Order separately
1	Razor Blade, single edge, 1 pack (CE-RAZOR)	1	
1, 2	Test Tube Clamp (CE-TUBHOLD)	1	
1, 2, 5	Alcohol Lamp & Stand Set (CE-LAMPKIT)		Use a small pan on the stove. Purchase separately.
1, 2, 5	Ethyl Alcohol, 95%, 30 ml (UN-ETHYALC)		Optional. Order only if you are getting the alcohol lamp and don't want to buy the alcohol locally.i Order separately or find at local supply store.
1, 2, 5, 6, 9	Cups & lids, 8 oz. plastic, 3 pack (GS-CUPLID)	4	Use instead of baby food jars.
1, 2, 5, 6	Test Tube Rack, 20 mm, 40 holes (CE-TTR2040)	1	
1, 2, 5, 6	Test Tubes, large 16 x 150 mm (CE-TTUBELG)	4	Also use instead of bottles in 601 & 606.
1,2,5	Beaker, glass, 250 ml (CE-BE10250)		Use a small pan on the stove, or a jar for 602A. Order separately or find at local supply store.
1B, 4D	Seeds, corn, pack (LM-SEEDCOR)	1	
1C	Benedict's Solution, 100 ml (CH-BENSOL)	1	
1C ,E, F, 5D, 9	Pipet (medicine dropper) (CE-DROPPER)	1	
1C, 2C, 5B	Iodine (Lugol's) Biological Stain Solution, 30 ml (CH-IODINE)	1	
1D	Zea Mays (Corn) slide, root, c.s. (MS-ZEAROOT)		Optional. Better than making a root slide yourself. Order separately.
1D, 4A, B	Magnifying Glass, 2", 3X Lens (OP-MAGNIFY)	1	
1D, E, 4E, 9	Ruler, 30 cm (ME-RULER)		Ruler, 30 cm. Order separately or find at local supply store.
1D, E, F	Microscope Slide Set, Basic (MS-SLIDSET)	1	
1F	Ficus (dicot) leaf slide, c.s. (MS-FICLEAF)	1	We highly recommend this prepared leaf slide rather than trying to make one yourself.
2A	Vegetable Rennet (CH-VRENNET)	1	
2B	Rubber Stopper, #0, solid (CE-STOP0XC)	2	
2C	Dialysis Tubing, Semi-Permeable Membrane, 12" (BE-MEMBRLG)	1	

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2C	Glucose Test Strips, 10 pack (BE-GLUTES)	1	
2C	Starch, water soluble, 30 g (CH-STARCH)		Use corn starch. Order separatley or find at local supply store.
2D	Rubber Tubing, 4.8 mm, 2' long (CE-TUBERU2)		Optional. Use instead of air pump. Order separatley.
2D	Syringe, 60 cc (CE-SYRING60)		Optional. Use instead of air pump. Purchase separatley.
2D, 5C	Calcium Hydroxide, 30 g (CH-CA(OH)2)	1	Use to make limewater.
2D, 5C	Straw set, 15 pieces (GS-STRAWST)		Straw set, 15 pieces. Order separately or find at local supply store.
3	Jar, 1 gallon, clear plastic (BE-JAR1GAL)		Can be used instead of fish bowls. Use any jar. Purchase separatley or find at local supply store.
4A, 6F, 9	Paper, construction, 12 sheets (GS-PAPERCS)		Paper, construction, 12 sheets. Order separately or find at local supply store.
4B	Seeds, baby lima bean, pack (LM-SEEDBEA)	1	Use lima beans if available.
4C	P.T.C. Test Paper, 100/vial (CH-PTCTEST)	1	
5A, 8	Balloon Set of 9 (GS-BALLOON)	1	
5D	Phenolphthalein Solution, 30 ml (UN-PHENOLS)	1	
6, 7, 8, 9	String, heavy cord, 25' (MC-STRING)	1	
6A	Tuning Fork, C, 256 cps (MC-TF0256)	1	
6D	Mirror, glass plane, 4"x 4" (OP-MIRROR3)		Use any mirror. Order separatley or find at local supply store.
6F, H	Cellophane, 3 pack (GS-CELLO)	1	
7A	Spring scale, 500 g/5 Newton (BS-SCALE2)	1	Use an object lighter than 1 lb. To complete this experiment.
7B	Digital Stop Watch, 2" (ME-STOPWAT)		Digital Stop Watch, 2". Use a phone or timer from home. Order separatley.
7C	Sand, coarse, 1 lb (GS-SANDCRS)		Any sand will work. Order separatley or find at local supply store.
7D	Copper Wire, bare, #24, 25' (EL-WIRE24C)		Any 6" wire will work. Order separatley or find at local supply store.
8	Ball, hard rubber, 1-3/4" (GS-BALLHRB)		Use a tennis or similar ball if you have one. Order separatley or find at local supply store.
8C	Chalk (calcium carbonate) (CH-CHALK)		Chalk (calcium carbonate), order separatley or find at local supply store.
9	Spectroscope (OP-SPECTRO)	1	Includes diffraction grating and all parts needed.
9F	Protractor, 6" semi-circle (ME-PROTRSM)		Protractor, 6" semi-circle. Order separatley or find at local supply stores.

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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