

**KIT CONTENTS LIST FOR USE WITH: Monarch Science 5**

**Alpha Omega Publications**

*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>
1.3, 1.7, 1.8, 1.9, 1.10, 2.6	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 our catalog or website for other microscope options. Order separately.
1.3	Lens Cleaner, 60 ml (MI-LENSCLN)		Recommended to keep your microscope lenses clean. Order separately.
1.3	Lens Cleaning Paper, 50 pack (MI-PAPER )		Recommended to keep your microscope lenses clean. Order separately.
1.3, 1.7, 1.9	Iodine (Lugol's) Biological Stain Solution, 30 ml (CH-IODINE )	1	
1.3, 1.7, 1.8, 1.9, 1.10, 2.6	Microscope Slide Set, Basic (MS-SLIDSET)	1	Includes slides & coverslips.
1.3, 1.7, 2.6, 2.8	Scalpel, plastic handle, #22 (DE-SCALP22)	1	A very sharp knife will work.
1.3, 1.8, 1.10, 2.6, 3.14, 9.8	Pipet (medicine dropper) (CE-DROPPER)	1	
1.7, 2.8,	Forceps, stainless steel (DE-FORCEP )		Tweezers will work. Order separately or find at local supply store.
1.8	Protozoa Culture Kit (LM-PROTIST)		Optional. Order if pond water is not available. Produces a mini-pond in 2-5 days, complete with protozoa and algae.
1.10	Methylene Blue, 1%, 30 ml (CH-METHBLU)	1	This is what is referred to as "ink stain."
2.6	Dissection Pins, 6 pack (DE-PINS )		Optional. Will be easier to use than straight pins and toothpicks. Order separately.
2.6, 2.17, 3.5, 3.14, 8.2, 8.5	Magnifying Glass, 2", 3X Lens (OP-MAGNIFY)	1	
2.8	Seeds, baby lima bean, pack (LM-SEEDBEA)	1	
2.8	Seeds, corn, pack (LM-SEEDCOR)	1	
2.8, 3.5, 4.4, 5.13, 9.3, 9.8	Jar, 125 ml (4 oz), plastic (CE-BTPE4OZ)	3	Use instead of baby food jars if not available. Can also be used for insect jars in 504.
3.14	Paper, special set, 10 sheets (GS-PAPERSP)		Only need the tissue paper. Order separately or find at local supply store.
3.5	Mealworms, 30 pack, Pre-paid Coupon (LM-MWCOUP)		Purchase from a local pet store that sells reptile supplies. Order separately or find at local supply store.
4.4	Jar, 1 gallon, clear plastic (BE-JAR1GAL)		1 Gallon jar, clear plastic. Any jar will work. Order separately or find at local supply store.
4.4, 8.11	Sand, coarse, 1 lb (GS-SANDCRS)		Any sand will work. Order separately or find at local supply store.
5.5, 5.8, 5.13	Thermometer, Celsius, 12" (ME-THER30B)	1	
5.5, 8.5	Paper, construction, 12 sheets (GS-PAPERCS)		construction paper, 12 sheets. Order separately or find at local supply store.
5.7	Paper Clips, small size, box (GS-PCLIPSM)		paper clips, small size. Order separately or find at local supply store.
7.2		2	
	(GS-CLAY )		

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7.2	Fossil Starter Set, 4 specimens ( <i>RM-FSTART</i> )		Optional. Can be used instead of shells and bones. Order separately.
7.3	Plaster of paris, 4 oz. ( <i>GS-PLASTER</i> )	2	
8.11	Pebbles, fine gravel, 1 lb. ( <i>GS-PEBBLE</i> )		Any clean gravel will work. Order separately or find at local supply store.
9.17	Funnel, plastic, 65 mm dia. ( <i>CE-FUNNEL</i> )	1	
9.17	Graduated Cylinder, polypropylene, 100 ml ( <i>CE-CYPP100</i> )	1	
9.3	Ruler, 30 cm ( <i>ME-RULER</i> )	1	
9.6	Candle, 4" white ( <i>OP-CANDLE</i> )	1	Any candle will work
9.8	Spring scale, 100 g/1 N ( <i>BS-SCALE4</i> )	1	We recommend this spring scale rather than the double pan balance called for this lab. See our catalog for a double pan balance if you prefer.

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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