

**KIT CONTENTS LIST FOR USE WITH: Focus On Middle School Biology
Laboratory Notebook 3rd Edition
Real Science-4-Kids**

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>
	Focus On Middle School Biology Lab Workbook <i>(RS-BIOLWKB)</i>		Purchase Student Laboratory Notebook separately. Kit designed for use with the Laboratory Notebook
	Focus On Middle School Biology Student Text <i>(RS-BIOLTXT)</i>		Purchase Student Textbook separately.
	Focus On Middle School Biology Teacher's Manual <i>(RS-BIOLTEA)</i>		Purchase Teacher Guide separately.
2	Alcohol Lamp Burner, Wickless <i>(CE-LAMP)</i>		Optional and requires purchase of UN-ALCFUEL. Use a candle or gas stove flame as an alternate.
2	Denatured Alcohol Fuel, 16 ounces <i>(UN-ALCFUEL)</i>		Optional to purchase from our website for use of CE-LAMP. Also, purchase from your local hardware store.
2	Escherichia Coli Bacteria - Live Culture <i>(LD-ESCHCOL)</i>		Purchase separately from our website. Necessary for Lab 2. Order just before use and use within 2 days.
2	Inoculating Needle with Looped End <i>(BE-INOCUL)</i>		Purchase separately from our website. Necessary for Lab 2. In addition to other items.
2, 4, 6, 8, 10	Marker, black, permanent <i>(BE-MARKBLK)</i>		Any black permanent markers will work.
2, 6, 8	Agar, nutrient, 8 g, dehydrated <i>(CH-AGARN08)</i>	2	Extra agar may be required to complete all lab activities.
2, 6, 8	Petri Dishes, polystyrene, 90 x 15 mm, 20 pack <i>(BE-PETRI20)</i>	2	Extra petri dishes may be required to complete all lab activities.
2, 7, 11, 13	Home 1000X LED Microscope <i>(MI-4100LXL)</i>		For the best experience, consider MI-4100LXL (which comes with a 100x oil immersion objective) or MI-4100LST. See our website for other ordering options.
2, 8, 13, 14, 15, 16	Gloves, Nitrile, Size Medium, Pair <i>(GS-GLOVNT)</i>	4	Extra gloves may be required to complete all lab activities.
3, 11, 13	Microscope Immersion Oil <i>(MI-IMMOIL)</i>		Optional to purchase separately if using a 100 x oil immersion objective.
3, 11, 13	Microscope slide coverslips <i>(MS-SLIDCV)</i>	1	
3, 11, 13	Microscope Slides, plain glass, 72 pack <i>(MS-SLIDP72)</i>	1	
4, 13	Iodine (Lugol's) Biological Stain Solution, 30 ml <i>(CH-IODINE)</i>	1	Alternative to "tincture of iodine"
5, 9, 11, 12, 15	Colored Pencils <i>(BE-CPENCIL)</i>		Use any household colored pencils
6	Swab applicator, sterile, 2 pack <i>(PT-SWABS)</i>	4	
6, 7, 8	Measuring Cups, Set of 5 <i>(CE-MECUP)</i>		Household measuring cups will work or see our website for purchase
6, 7, 8	Measuring Spoons, Set of 6 <i>(CE-MESPOON)</i>	1	Household measuring spoons will work or see our website for purchase
7	Basic Protozoa Set - Live Culture <i>(LD-PROBASC)</i>		Purchase separately from our website. Necessary for Lab 7.
7	Eosin Y, 1%, 30 ml <i>(CH-EOSIN)</i>		Necessary for Lab 7. Purchase separately from our website.

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7	Methyl Cellulose, 1.5%, 30 ml (CH-METHCEL)		Necessary for Lab 7. Purchase separately from our website.
7	Pipet, disposable, 1 ml, 10 pack (CE-PIPET)		Necessary for Lab 7. Purchase separately from our website.
7	Slides, concavity, 12 pack (MS-SLIDC12)	1	
7	Yeast, packet (LM-YEAST)		Purchase separately from our website. Necessary for Lab 7.
8	Glass Jar, 16 oz size (GS-JAR16OZ)		Any jars will work to complete experiment.
8	Sodium Tetraborate, 30 g (CH-NA2B4O7)	1	
9	Nature Backpack (SP-BACKPAK)		Optional to purchase separately from our website. Any backpack would work.
9	Seeds, corn, pack (LM-SEEDCOR)	1	
9, 10	Seeds, baby lima bean, pack (LM-SEEDBEA)	1	
9, 12, 15, 16	Nature Notebook (BE-NOTEBK)		Any notebooks or paper would work.
9,14, 15, 16	Magnifying Glass, 2", 3X Lens (OP-MAGNIFY)	1	
10, 11	Cup, clear plastic, 9 oz, 3 pack (CE-BEAKCUP)		Use household jars or glasses to complete experiments.
11	Food Coloring, 4 colors (CH-FOODCOI)		Household food color would work or purchase from your local grocery store.
11, 12, 13	Toothpicks, pack (GS-TOOTHPI)		Use any household toothpicks.
11, 13	Pipet (medicine dropper) (CE-DROPPER)	1	
13	Methylene Blue, 1%, 30 ml (CH-METHBLU)	1	Optional to purchase separately, can substitute iodine.
13, 14, 15, 16	Chemical Splash Safety Goggles, Adult (CE-GOGGLE1)	1	
14A	Clam Dissection Guide (DE-GDCLAM)		Purchase separately from our website. Necessary for clam dissection in Lab 14A.
14A	Clam Specimen, Freshwater, 4"-5", Plain (PM-CLAM)		Purchase separately from our website. Necessary for clam dissection in Lab 14A.
14A	Crayfish Dissection Guide (DE-GDCRAW)		Purchase separately from our website. Necessary for crayfish dissection in Lab 14A.
14A	Crayfish Specimen, 4"-6", Plain (PM-CRAYFSH)		Purchase separately from our website. Necessary for crayfish dissection in Lab 14A.
14A	Earthworm Dissection Guide (DE-GDWORM)		Purchase separately from our website. Necessary for worm dissection in Lab 14A.
14A	Earthworm Specimen, 9-12", Plain (PM-WORM)		Purchase separately from our website. Necessary for worm dissection in Lab 14A.
14A	Starfish Dissection Guide (DE-GDSTAR)		Purchase separately from our website. Necessary for starfish dissection in Lab 14A.
14A	Starfish Specimen, Plain (PM-STARFSH)		Purchase separately from our website. Necessary for starfish dissection in Lab 14A.
14A, 15A, 16A	Basic Dissecting Tools Set (DE-SETBAS)		Purchase separately from our website for dissections.
14A, 15A, 16A	Dissecting Tray, Styrofoam (DE-TRAYS)		Purchase separately from our website for dissections. Disposable trays for each dissection.
14A, 15A, 16A	Dissection Pins, 6 pack (DE-PINS)		Purchase separately from our website for dissections.
14A, 15A, 16A	Lab Apron No. 1, vinyl, 6 mil (CE-APRON1)		Optional to purchase from our website to complete additional dissections.
14B	Choice Chamber (BE-CHAMBER)		Purchase separately from our website.

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15A	Dogfish Shark Specimen, 18"-22", Double Injected <i>(PM-DOGFISH)</i>		Purchase separately from our website. Necessary for shark dissection in Lab 15A.
15A	Frog Dissection Guide <i>(DE-GDFROG)</i>		Purchase separately from our website. Necessary for frog dissection in Lab 15A.
15A	Frog Specimen, Grass, 3.5"-4", Plain <i>(PM-FROG4P)</i>		Purchase separately from our website. Necessary for frog dissection in Lab 15A.
15A	Perch Dissection Guide <i>(DE-GDPERCH)</i>		Purchase separately from our website. Necessary for perch dissection in Lab 15A.
15A	Perch Specimen, Medium 7"-9", Plain <i>(PM-PERCH9P)</i>		Purchase separately from our website. Necessary for perch dissection in Lab 15A.
15A	Shark Dissection Guide, basic <i>(DE-GDSHRK2)</i>		Purchase separately from our website. Necessary for shark dissection in Lab 15A.
15B	Binoculars, 8 x 21 compact <i>(OP-BI8X21K)</i>		Purchase separately from our website. Optional lab.
16A	Fetal Pig Dissection Guide, basic <i>(DE-GDPIGSP)</i>		Purchase separately from our website.
16A	Fetal Pig Specimen, 7"-10", Double Injected <i>(PM-PIG2)</i>		Purchase separately from our website. Necessary for pig dissection in Lab 16A.

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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