

Lab

Specialized Supplies

Other Supplies

Supplies in GREEN are item numbers from www.homesciencetools.com and supplies in BLUE are from www.enasco.com

<p>Lab #1- Characteristics of Life</p>	<p>None</p>	<p>Box of crayons candle tape measure acorn compass clay honeycomb (optional)</p>
<p>Lab #2- Finding the Lighthouse Diamond</p>	<p>Magnifying Glass (\$2.20-OP-MAGNIFY)</p>	<p>1 small container iodine vinegar foil stove or matches tongs sugar salt flour baking soda corn starch Plaster of Paris tongs</p>
<p>Lab #3- Atoms</p>	<p>None</p>	<p>Coins</p>
<p>Lab #4- Enzymes, Acids & Bases</p>	<p>pH paper (\$1.35-SB20190M) litmus paper (\$2.15-SB50608M)</p>	<p>Cups and/or test tubes lemon juice vinegar baking soda dish soap soft drink milk potato blender hydrogen peroxide vinegar microwave measuring spoons</p>
<p>Lab #5- Introduction to Microscopes</p>	<p>Microscope glass slides (\$4.50 for 72- SA04463M) coverslips (\$1.85-S08464M) eye droppers (\$3.35-KI01066(A)M) methyl blue (\$4.50-CH-METHBLU) (optional)</p>	<p>newspaper scissors toothpicks onion</p>
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Lab #6- Diffusion & Osmosis	None	2-4 raw eggs vinegar corn syrup water plastic cups
Lab #7- Photosynthesis & Respiration	Microscope	cereal snack-sized zipper bags warm water yeast measuring utensils clear nail polish blank microscope slide Clear packing tape leaf from a living plant
Lab #8- Mitosis & Meiosis	Onion root tip slide (\$2.70-MS-ALLROOT) Microscope	None
Lab #9- Human Genotypes	None	None
Lab #10- DNA extraction	None	isopropyl alcohol 1-2 strawberries One sealable sandwich bag dish soap salt water wooden skewer or toothpick clear cup or beaker bowl kitchen sieve
Lab #11- Cracking the Code	None	None
Lab #12- Punnett Squares	None	None
Lab #13- Karyotyping	None	Scissors Glue sticks Envelopes
Lab #14- Creation & Evolution	None	Shoebox Candies (Skittles or M&Ms)
Lab #15- Dichotomous Keys	None	Collection of 10 small objects (any)
Scientific Equipment=	\$22.60	

plus

Microscope

Your Choice (approx. \$100-\$300)

This is one of my favorites, but there are lots of other good options that are less expensive:

<https://www.sonlight.com/250-40.htm>

