



Master Materials List

The following items are needed for the scheduled lab activities, but are not included in the the *Elements Of Science* kit.

Item	Week(s) Used
4.5-volt flat batteries – 2	26, 29, 31, 32, 33
A load to be lifted (such as a bag of oranges)	19
A room you can darken	26, 27, 28, 31
Adhesive tape	4, 6, 10, 18, 21 25, 26, 29, 30
Aluminum foil	15, 28
Blade of grass	25
Books or blocks – at least 3 heavy ones	14, 16
Bottle, empty	4
bowl	4, 25
Box or bottle, cylindrical	18
Box or bottle, rectangular	18
Butter	10
Candle	8, 19
Cardboard – 1 piece, light colored	28
CD disk	27
Chairs (2)	20
Chocolate – 1 small piece	21
Cloth (woolen cloth for week 31)	29, 31, 34
Coin	28
Color television	27
Comb, plastic	26, 31
Cooking oil	9,13
Cooking pot	10, 11, 22
Cutting board (older wooden or plastic, not glass)	22
Dish – deep	3, 26
Dishwashing liquid	3,9,13
Drawing paper	29
Dried beans or pebbles	25

Item	Week(s) Used
Drinking glasses – 2	2, 8, 9, 22, 30
Egg – 1 raw, very fresh	2, 9
Felt-tip pen	25
Firm support (such as a rail attached to the wall)	19
Flashlight	26, 27
Glue	6, 21, 29, 33
Gumdrops – 2 colors (see week 12 for number and substitutions)	12
Hair dryer (with cold air setting)	18
Hammer	19, 22
Honey - the lightest, clearest you can find	11, 14, 30
Ice cubes	22
Ink, black	10
Interlocking blocks (such as Lego®) - 2 identical sets of 10 for each student	34
Items from the kit and your home to test with a magnet	30
Items to look at under microscope	29
Knife	29
Lemon juice	8
Materials of your choice to make a lab safety poster	1
Meter stick	23
Milk	8
Mug or teacup	21
Nail	19
Newspapers, 2-3 old ones	15, 16, 34
Pail or bowl	18
Paper – scraps	31
Paper towels	2, 4, 21



Item	Week(s) Used
Paper, white – at least 7 sheets	8, 26, 28, 29, 30
pens with liquid ink (such as felt-tip pens) – several	10
Pepper, ground	3, 31
Plastic bag	22
Plates – several	5, 8, 10, 14, 22, 31
Pot, iron	30
Radio (with speakers)	24
Red cabbage – 1	11
Ruler (with centimeters)	3, 10, 14, 18, 25, 28, 29, 30, 33
Sand, fine	21, 30
Saucer	3
Scissors	3,4,6,10, 15, 16, 18, 20, 21, 24, 26, 28, 29, 30, 33
Screw eyelets (with closed metal rings) – four	19
Screw hooks – two	19
Sink (in bathroom)	18
Soap – 1 piece	11
Spoon	14
Spring toy (such as a Slinky®)	23
Steel wool (optional but recommended)	5

Item	Week(s) Used
Stopwatch or clock with a second hand	14, 15
Stove (with adult supervision)	11, 21, 22
String, strong	3, 19, 20
Sugar – granulated	10, 24, 28
Sugar cube – 1	10
Sunlight	21, 26
Table salt	2, 31
Table with smooth surface	16
Tablespoon	10, 11, 22, 28
Tape, masking	14
Teaspoon	2, 22, 30
Thread – strong, thin	4, 16, 20, 30, 31
Toothpicks	12
Tweezers	3, 29
Vinegar	9,11
Water	3, 4, 5, 9, 10, 11, 13, 16, 17, 18, 21, 22, 25, 26, 28
Wire whisk	10
Wood, two blocks (you'll be making holes in these; scrap wood would work fine)	19
Yardstick	15, 20