

The list below details the required materials in the Grade 4 Materials Kit

Materials Needed

Aluminum Foil, about 12" X 10"	Bag, clear plastic, 1 gallon, 2 mil, zip lock
Bags, 4" X 6" 4 mil, zip-close plastic, QTY 3	Balloons, 9", QTY 3
Battery, D	Bowl, 12 oz foam, QTY 4
Box for a diorama, shoebox size	Car, small toy
Chalk, ½ Teaspoon, ground up	Clay, air dry, 8 oz
Clay, modeling, 2 oz each (blue, brown, green, white, gray, yellow)	Container, plastic, 6 quarter, QTY 2
3x5 Index Cards (100pk)	Highlighters – 4 Colors, No Yellow
Craft sticks, small, wooden, QTY 4	Cup, clear plastic, 9 oz
Cups, 12 oz clear plastic, QTY 8	Cups, paper, about 3 oz, QTY 4
Dirt, ½ teaspoon	Drawing paper, 8.5" X 11, 28 pound, QTY 6
Epsom salt, 12 oz	File folders, manila, tabbed, QTY 7
Flour, 1.1 cup	Foam, plastic, 2" X 3" X ½"
Food coloring (any color will work)	Inflatable globe
Gumdrops, 5 of one color, 1 of each of 4 colors	Index cards, 4" X 6", QTY 30
Indoor holiday light, 1 bulb with wires attached	Jars with lids, clear plastic, 6 oz, QTY 8
Liquid measuring cup, 1 cup / 250 ml size (metric & standard)	Match, QTY 3
Measuring spoon, ½ teaspoon	Measuring spoon 1 tablespoon
Nail, 3", zinc (galvanized nails are zinc coated)	Oil, ½ teaspoon cooking
Pebbles, 1 cup	Pitcher ½ gallon
Plate, white foam, 9", QTY 1	Plywood, about 5" X 11"
Potting soil, 1.5 quart	Protractor
Salt, 1.75 cups	Sand, 1.25 quart
Soap, ½ teaspoon liquid	Soap, ½ teaspoon solid laundry
Socks, 1 pair	Sponge, 2" X 2" X ½" (simple, inexpensive sponge with no scrubber side)
Spoon, large mixing	Straight pin
Straw, clear plastic drinking	String, light cotton, 6'
Sugar cubes, QTY 6	Sugar, 3 teaspoons of regular granular
Thermometer, 6"	Thumbtacks, QTY 2 metal
Toothpicks, QTY 16	Vinegar, 4.2 oz
Wax paper, 12" long, QTY 7	Wire, copper with insulation, ends stripped, 20 gauge 12"
Wire, copper, 3", bare thick 10-14 gauge	Wood block, about 1.5 " X 3.5" X 4"
Poster Board, 11'x17", 3 Pieces	

Additional Materials Required

Graph paper	Dictionary, print or online
House plant	Bottle, 2-Liter, plastic
Lamp from your home or school	3 liquids (pint of milk, bottle of water, can of juice, etc.)
Rubbing alcohol	Water bottle
Eggs, QTY 2	Orange juice, can of frozen concentrate
Bottle of soda, 2-Liter	Watch or clock
Leaf, large	Alcohol, ½ teaspoon rubbing
Ice cubes, 2-3 trays	Materials for wrapping cups (such as bubble wrap, aluminum foil, plastic bags, newspaper, cardboard or cloth)
Metal and non-metal objects	Tap water
Lemon	Cardboard, heavy paper, and/or modeling clay to make creatures
Materials to build landscape	Leaves and grass, collected