## **Apologia Exploring Creation with Physical Science**, 4<sup>th</sup> Ed Science Kit:

This kit includes the following items:

- 8 Balloon
- 1 Battery, 9-volt, alkaline
- 1 Battery, AA, alkaline, 4 pack
- 1 Beaker, 1000mL
- 2 Beaker, 250mL
- 1 Beaker, 600mL
- 1 Candle
- 1 Clay
- 1 Coin
- 1 Compact Disc (CD) blank
- 1 Copper Wire, insulated, #24
- 1 Cork
- 1 Cup, paper
- 6 Cup, plastic
- 1 Dishwashing Liquid Detergent, 15 mL
- 1 Effervescent Antacid Tablets, 2 pack
- 1 Flashlight
- 2 Foil, aluminum
- 1 Foil, zinc
- 1 Food coloring, blue
- 1 Food coloring, green
- 1 Food coloring, red
- 1 Food coloring, yellow
- 1 Funnel
- 1 Goggles, size adult
- 2 Index card
- 1 Limestone, fossiliferous
- 1 Magnifying Glass
- 1 Marble
- 1 Marker, black, washable
- 1 Marker, red, permanent
- 1 Matches
- 1 Mirror
- 1 Mylar, 1 ft
- 1 Nail
- 1 Nu-Salt, salt substitute
- 5 Paper
- 1 Paper clips, box
- 2 Pie plate, 5"
- 1 Pie plate, 9"

- 1 Pipet
- 1 Plastic Kit Box
- 1 Protractor
- 1 Rubber bands, bag
- 1 Ruler
- 1 Scale
- 1 Slides, plain glass, pack
- 1 Steel Wool
- 1 Stirring rod
- 1 Stopper
- 2 Straw
- 1 String
- 1 Table Tennis Ball
- 1 Tape measure
- 1 Tape, clear
- 1 Tape, masking
- 6 Test tube
- 1 Thermometer
- 1 Tincture of Iodine, 2%, 10 mL
- 1 Toothpicks, pack
- 4 Vitamin C, 250mg
- 5 Washer
- 2 Yeast packet
- 1 Zip-close bag, large
- 2 Zip-close bag, small

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## **Additional information from Home Science Tools:**

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. While our kits conveniently contain most of the items you'll need to complete the labs, they do not include some common household items or more expensive items like microscopes and live cultures.

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## Items you will need to Provide:

- 1-2 liter soda bottle
- 12-oz can
- Apple chunk
- Apple juice
- Baking sheet
- · Baking soda
- · Basketball or soccer ball
- Butter
- Chocolate cookie recipe ingredients
- Corn syrup
- Cornstarch
- Dark room
- Dishcloth
- Egg
- Epsom salt
- Food products that contain lipids
- Fruit
- Frying pan
- Grape or raisin
- Hydrogen peroxide, 3%
- Ice
- Knife
- · Large bowl
- Large pot or saucepan
- Large spoon
- Marshmallow
- Measuring spoon

- Microwave
- Mini chocolate chips
- Mixer
- Paper towels
- Pen
- Pencil
- Plastic wrap
- Pot holders Additional
- Rubbing alcohol (isopropyl alcohol)
- Salt
- Scissors
- Semisweet chocolate chips
- Several books
- Shovel
- Sink
- Stopwatch or timer
- Stove
- Sunny windowsill
- Table
- Tennis ball
- Toilet paper
- Tongs
- Vegetable oil
- Vinegar
- Water
- Waxed paper