Shopping List

Beginner Level
- eye dropper
- three, 7- or 9-ounce plastic or foam cups
- large plastic garbage bag
- lightweight string
- eggs*
- masking tape
- hole punch
- 8" X 11" cardstock or stiff paper
- Scotch tape*

Apprentice Level
- index cards*
- red and blue food coloring
- straight plastic drinking straw
- magnet, bar or U-shaped**
- wax paper
- red Sharpie marker
- empty metal can or paper cylinder with a lid (like a coffee or paint can, or a cardboard oatmeal cylinder)
- twist tie or pipe cleaner
- hex nut, ¾" (inside diameter)

Master Level
- Styrofoam meat tray
- compass
- bendable drinking straw
- 7" balloon
- small piece of craft foam sheet or cardboard
- two matching empty water bottles (16.9 ounces is a good size)
- dry, uncooked rice; 2-pound bag
- two wooden chopsticks, same size and shape

*Item is used in more than one experiment, in more than one level.

**Find U-shaped magnets at the hardware store for under $5.

Household Supplies

Beginner Level
- cup
- water*
- penny*
- paper towel
- facial tissues
- scissors*
- yard stick
- clear drinking glass
- paper*
- baby food jar or small drinking glass

Apprentice Level
- four jars with identical mouth openings (such as baby food jars)
- large, rimmed baking pan
- ruler*
- pencil
- metal sewing needle
- medium glass mixing bowl
- large rubber band
- paper clips

Master Level
- bottle with an opening slightly smaller than the diameter of an egg
- matches
- pen
- straight pins
- concentrated liquid dishwashing detergent
- clean, dry bowl
- marker