

Materials for Experiments

Ball (any size)

Garden hose attached to a faucet

4 sheets of paper

Ping pong ball

Small funnel (you can even make one out of a cone of paper)

A couple of large latex balloons, un-inflated

Two thin magnets (you're going to break one)

Strong, thick magnet (Radio Shack #64-1877)

Large nail (at least 2 inches long)

Spool of magnet wire (Radio Shack #278-1345)

D-cell battery

Paper clips

Compass (any cheap one will work)

Glass of water

Glow-in-the-dark toy

Cup of hot coffee

Can of soda

Optional: 12V DC motor (Radio Shack #273-256)

Optional: Bi-Polar 2-color LED (Radio Shack #276-012)

Optional: Camera flash (you can use sunlight instead if needed)