

Materials List

| Provided in kit: | | Collected by teacher: | | |
|--|---------------------|--------------------------------|--|---|
| 12 | Pour Spouts | <u>Introductory</u> | Large plastic garbage bags | Scissors |
| 12 | Corks | 1 - 250 ml container | Straws | <u>Activity 3C:</u> |
| 5 | Plastic T Joints | Red & green food coloring | Cup or beaker | Graduated cylinder (100ml) |
| 5 | Flow Meters | <u>Activity 1A:</u> | Meter stick | 2 liter pop bottles |
| 1 | Dynamo Flashlight | Masking or duct tape | Newspapers | Clear plastic cup |
| 1 | Tubing (4.6 m) | Liquid measuring device | <u>Activity 2B:</u> | Utility knife |
| 1 | Teacher Guide | Scale or balance | Scotch/duct tape | Permanent marker |
| 1 | Video | 1/2 pint milk cartons | 2 liter pop bottles | Plastic grocery bag |
| 2 | Gallon Cans | Permanent markers | Push pins | Funnel |
| The following items are pre-assembled for Introductory Exercise: | | Ziplock freezer bags | Toothpicks (optional) | Die (or other tool to randomly pick number between one and six) |
| | | <u>Activity 1B:</u> | Meter stick | Stopwatch, or clock with second hand |
| 1 | Plastic Funnel | Plastic wrap | <u>Activity 2C:</u> | Scissors |
| 1 | 3/16" Tubing | Paper towels | 2 liter pop bottles | <u>Activity 4A:</u> |
| 2 | Rubber Stoppers | Funnels | Watch w/ second hand | Microscope or hand lens |
| 3 | Pieces Glass Tubing | Aluminum screen | Permanent marker | Microscope slide |
| | | Cheesecloth | Meter stick | Eye dropper |
| | | Steel can | <u>Activity 3A:</u> | Clear plastic cup or jar |
| | | Foil | Coat hanger/knitting needle/dowel | <u>Activity 5B:</u> |
| | | Hot pads | Utility knife | Post-It notes |
| | | Square aluminum cake pan | Hole punch | |
| | | Metal sauce cup or custard cup | String | |
| | | Rubber bands | Object to lift (weights, fish sinker, washer, penny, piece of wood, film canister) | |
| | | Penny/washer | Tape or thumb tacks | |
| | | Heat source | Scissors | |
| | | <u>Activity 2A:</u> | <u>Activity 3B:</u> | |
| | | One gallon milk jugs | | |