

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	Masking or duct tape	Newspapers	Clear plastic cup
	Flashlight	Liquid measuring device	<u>Activity 2B:</u>	Utility knife
1	Tubing (4.6 m)	Scale or balance	Scotch/duct tape	Permanent marker
1	Teacher Guide	1/2 pint milk cartons	2 liter pop bottles	Plastic grocery bag
1	Video	Permanent markers	Push pins	Funnel
2	Gallon Cans	Ziplock freezer bags	Toothpicks (optional)	Die (or other tool to randomly pick number between one and six)
The following items are pre-assembled for Introductory Exercise:		<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
		Aluminum screen	Permanent marker	Microscope slide
3	Pieces Glass Tubing	Cheesecloth	Meter stick	Eye dropper
		Steel can	<u>Activity 3A:</u>	Clear plastic cup or jar
		Foil	Coat hanger/knitting needle/dowel	
		Hot pads	Utility knife	
		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		