

Items List

This box should contain only 17 items (including what is in the vial). Please make sure that they are all back in here at the end of the lab:

1. An empty soda can
2. A rubber band, $\frac{1}{4}$ inch by 3 or 4 inches
3. A vial containing the following:
 - a. A 5x20 millimeter glass tube
 - b. A small nail
 - c. A small plastic tube to attach to the motor shaft (covering of stranded wire)
4. A small DC motor
5. A battery holder
6. Two alligator clip connector wires
7. A Styrofoam cup (a paper cup will also work)
8. Two 6 inch long stranded electrical wires with both ends stripped
9. One piece of $\frac{3}{4}$ inch PVC plumbing pipe, about 2 or 3 inches long
10. One piece of $\frac{3}{4}$ inch PVC plumbing pipe, about 1 to 1.5 inches long
11. One $\frac{3}{4}$ inch PVC coupler
12. One $\frac{3}{4}$ inch PVC T connector
13. A block of wood

Items that you will also need to run the experiment are: Paper covered drinking straw, Scotch Tape and Masking (or electrical) Tape (from center table), meter stick, VDG & Bubble maker (to share with other groups, center table).