

## **A model for circuits Part 1: Current and resistance *Dynamics first*** **Equipment**

### **List**

- battery
- battery holders (2)
- D-cell
- white board or large sheet of paper with markers
- bulbs (large with glass broken so student can see how inside wires are connected)
- bulbs (#14) in sockets
- ample connecting wire including some alligator clips

### **Special Instructions**

All the bulbs used by a group of students should be identical.

At the start, each student should be given a kit containing a single wire, bulb, and battery.