

Conductor or Insulator?



- 1** Examine the materials in your tray. Predict whether each material is a conductor or an insulator. Write your prediction in the table.

| Material | Prediction | Trial 1 | Trial 2 |
|---------------------------|------------|---------|---------|
| aluminum foil | | | |
| cardboard | | | |
| chalk | | | |
| copper disk | | | |
| iron nail | | | |
| pencil lead (graphite) | | | |
| paper clip | | | |
| rubber band | | | |
| toothpick | | | |
| string (cotton) | | | |

- 2** Touch the wires to each material as shown. Is the material a conductor or an insulator? Record your answer under the Trial 1 head.
- 3** Retest each material. Record your results under the Trial 2 head.

