

## *Electrical and Magnetic Properties*

Use the power supply, switch, wires, and light bulb to create a complete circuit that lights the bulb. Then check the electrical conductivity and magnetic attractiveness of each of your supplied materials.

<b>Object</b>	<b>Conducts Electricity?</b>		<b>Attracted to Magnet?</b>	
	<b>Yes</b>	<b>No</b>	<b>Yes</b>	<b>No</b>

On the back of this page, write some generalizations about:

1. conductivity and type of object
2. magnetic attraction and type of object
3. relationship, if any, between magnetic attraction and electrical conductivity