Test electrical conductivity of everyday objects

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| **1 |** Put your 2 AA batteries into the battery holder. | **2** | Attach one of your alligator clips to the black (ground) wire on your battery holder. |
| **3** | Attach another alligator clip to the red (power) wire on your battery housing. | **4** | Attach your alligator clip from the red (power) wire on your battery housing to the **longer leg of your LED.**  Then attach another alligator clip to the other shorter leg of the LED. |
| **5** | Use a can or other object you would like to test and attach the black alligator clip wire to one end of the can. | **6** | Attach the loose alligator clip wire to the other side of the soda can. Repeat this process for other materials. Be sure to include both insulators and conductors. |

 