** Connecting with the Energy Ball** **Or…. Energy Stick**

1. Place your fingers on both of the metallic contacts on an Energy Ball or Energy

 Stick. Notice that the ball/stick flashes and produces a tone. This indicates that a

 current is flowing through your fingers and a portion of your body.

2. Form a series circuit with two or more students as shown in the figure

 below. See what happens when two people break the circuit.



3. It’s fun to see if there is a limit to the number of people you can

 include in your circuit. Try it!

4. To demonstrate a parallel circuit with the Energy Ball, get in a

 formation that looks like a ladder with two lines of students

 holding hands connected by students between the lines. What happens

 as pathways, that is, students connecting the lines, are removed one by

 one?

