

Name _____ Date _____

Problem: How can you get the Energy Stick to light up?

Research: Write down everything you know about circuits and electricity.

Hypothesis: How do you think you can get the Energy Stick to work? Why?

Procedure and Analysis:

1. Test how one person can turn on the Energy Stick. Draw a diagram of your method and explain it in words.
2. Explain how one person can turn off the Energy Stick.
3. Test how your group can work together to turn on the Energy Stick. You must use every member of your group. Draw a diagram of your method and explain it in words.
4. Explain how the group can turn off the Energy Stick.
5. Repeat your method from Step 1 while holding the piece of cloth between the Energy Stick and your hand. What happens? Why?
6. Repeat Step 5 using two different materials. Explain the results.

Conclusions: What can you conclude about circuits and electricity?