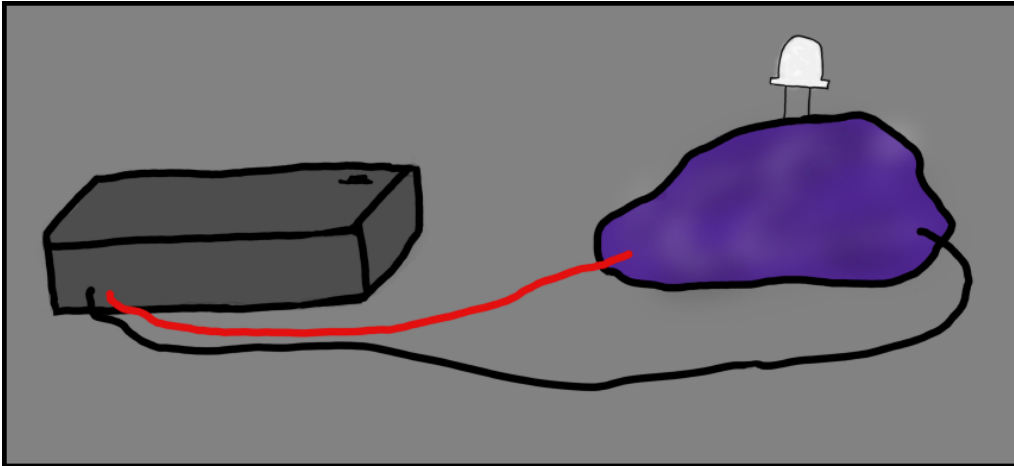


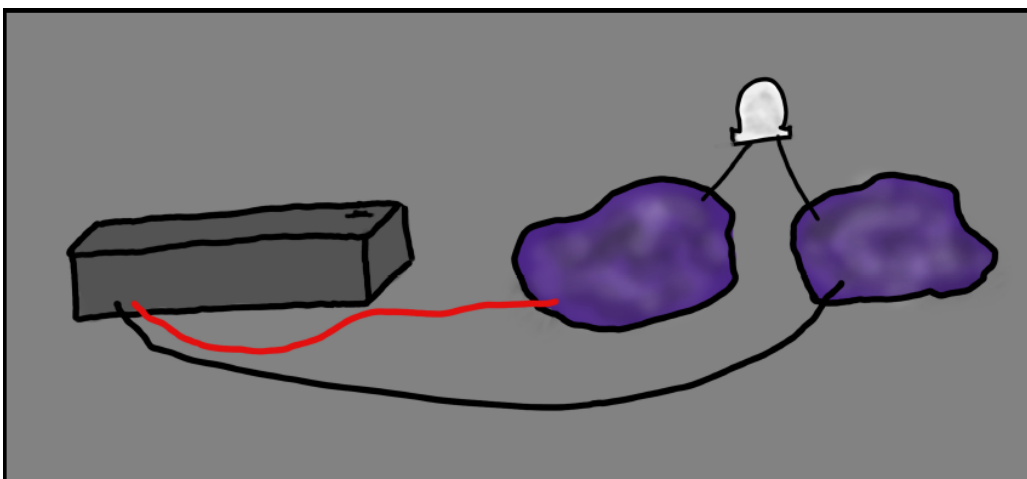
Table Talk—Squishy Circuits

Experiment 1:



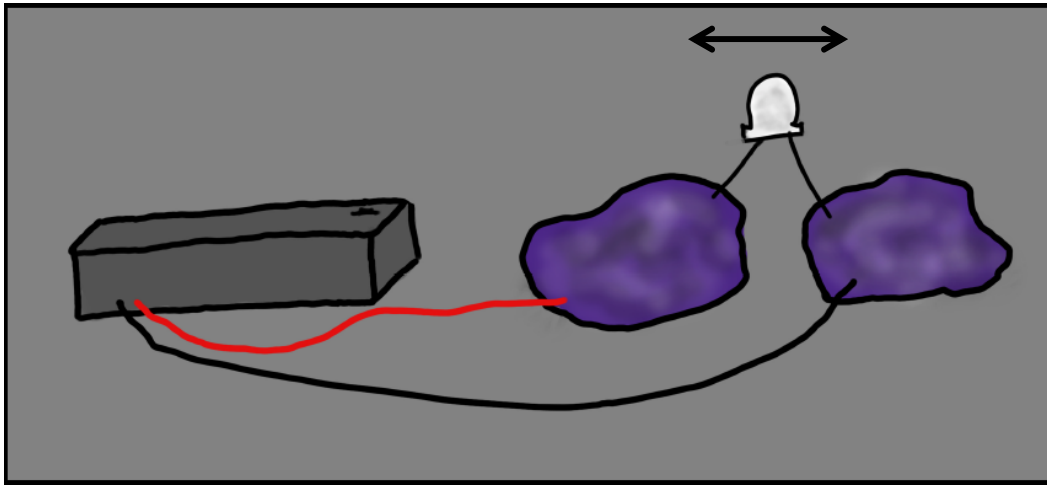
Connect your battery box and wires and dough like this. Does the LED light up? Why or why not?

Experiment 2:



Separate the dough into two lumps and insert the LED. Does it light up now? Why or why not?

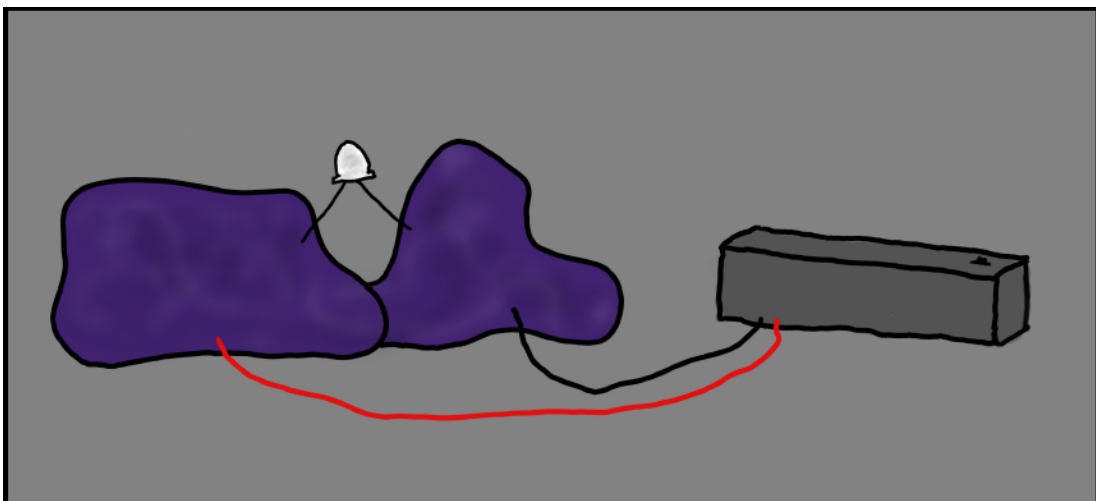
Experiment 3:



Take the LED out, turn it around, and put it back in. Does it light now?

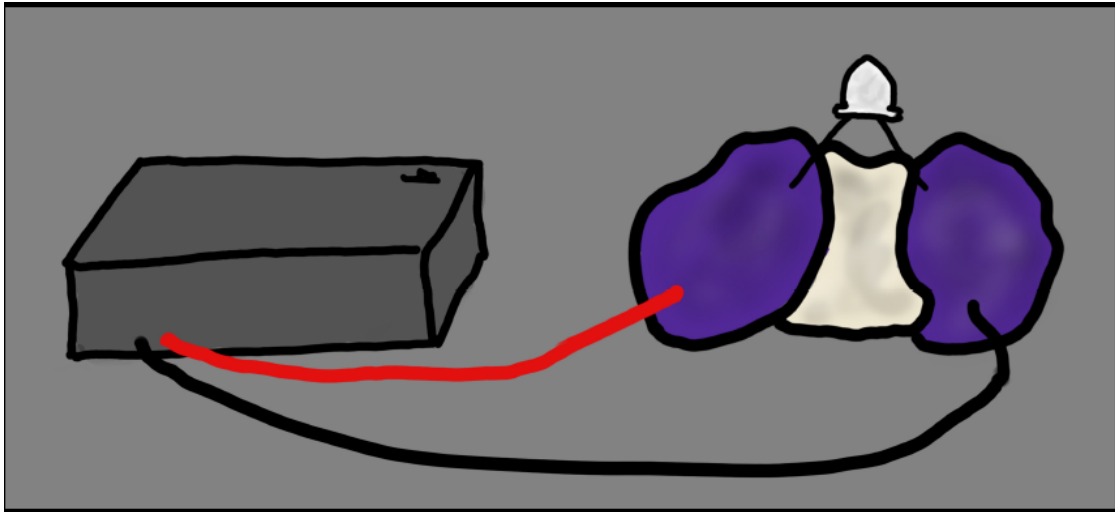
What do you notice about the LED “legs”?

Experiment 4:



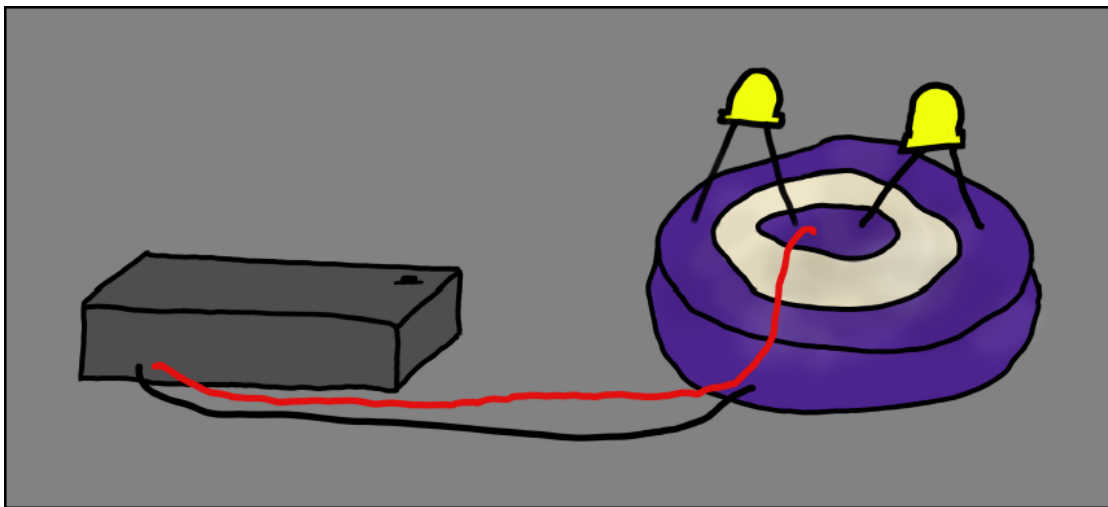
Push the lumps of dough back together. Does the light stay on? Why or why not? Pull them apart again. Does the light go back on?

Experiment 5:



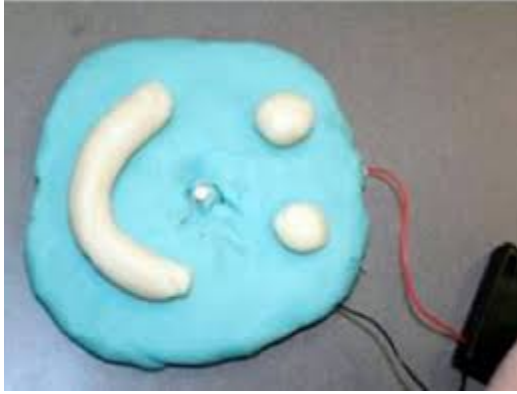
Make a dough sandwich with the white dough in between the color dough lumps. Does the LED light up now? Why or why not?

Experiment 6:



Roll your dough into “snakes” and see what you can create!

Some ideas, but you can create your own!



Pictures from

<http://courseweb.stthomas.edu/apthomas/SquishyCircuits/>