

## What you are doing

Completing each recipe in the Sparkfun Inventors Kit (SIK) Guide

## Why you are doing this.

The world around us is run by micro computers. Your cell phone, the thermostat in your house, your calculator, even your car has a micro computer in it. Last week we learned Ohm's Law and the basics of circuitry. This week, we'll apply those same rules to these micro computers and learn how we automate the world around us.

## How you will be graded

- Show me a functioning circuit. **(75% of your grade)**

Get my attention, and I will initial your checklist For showing me the things above.

- Write a brief (less than a paragraph) description of how the circuit works, and where the circuit might be used in the real world. **(25% of your grade)**

Keep these on paper, or preferably, in a google document to submit to me later. The guide gives an example use of each circuit. I want you to think up another possible use!

**DO NOT LOSE THIS SHEET!** You will turn this sheet in for a grade! If you lose it, you have no record of completing the circuits!

## The Checklist

Table 1: SIK Guide Recipe List

Recipe #	Date	Mclaughlin's Initials
1		
2		
3		
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