

Soldering and Electronics  
Project Make, February 2024  
Mr. Hays

We're going to learn to solder electronic parts and then build a small electronics kit.

1. First, **watch the how to solder videos** listed below. Go to the Google Classroom, open the "Solder safety" post, watch the videos, read the safety guidelines PDF, then come back here.
2. Whether or not you have soldered before, you will **practice soldering** individually using some old kits and parts before we try to do the official kit; at first we'll be focusing on how to solder, not worrying about making a circuit actually work. Each person will do this.
3. After you get checked off on your soldering (see above) I will give you a kit to build by yourself.

Carefully solder the kit together following the instructions provided. You will be graded on the following:

- 25% parts in the correct places in the correct orientation
- 50% soldering quality
- 25% does your project work when connected to a battery