

Intro to Soldering

Workshop with Shawn Hymel

Name: _____

Date: _____

Keep your tip clean!

- If your iron's tip is dull
- Add solder to tip
- Scrape tip across brass or regular (wet) sponge
- Tinned tip should be shiny



Splicing wires

- Strip ~1.5 inches of insulation from 2 wire ends
- Apply flux to stripped ends
- Drag solder across ends to tin bare wire



- Put heat shrink over one end
- Wrap the two wire ends around each other

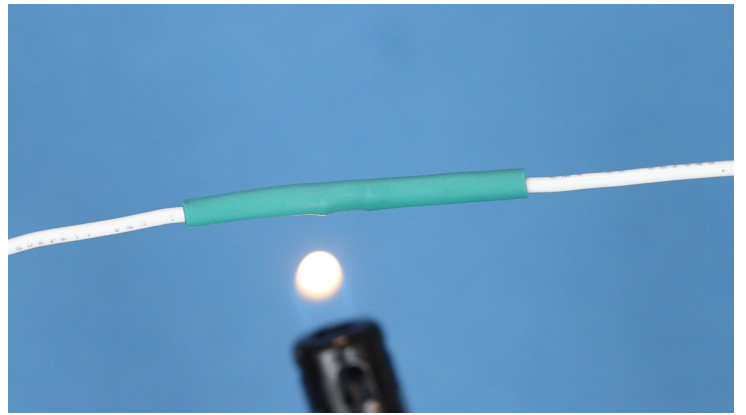


- Add more flux
- Solder the wrapped joint



Splicing wires

- Clean joint with rubbing alcohol
- Dry with lint-free wipes
- Move heat shrink tubing over joint
- Carefully apply heat to heat shrink tubing



Soldering PTH Components

- Poke component lead(s) through hole(s)
- Bend lead(s) so that component stays in place
- Rest iron's tip touching lead and hole
- Feed solder into iron/lead/hole joint
- Clean joints with rubbing alcohol
- Dry with lint-free wipes

