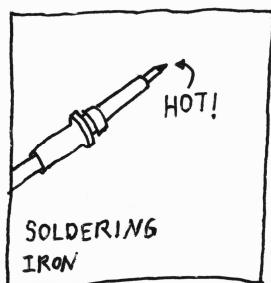
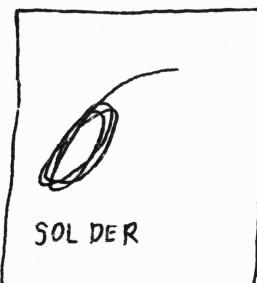


Tools and Parts for your Hopkins Learn To Solder Kit



Soldering Iron



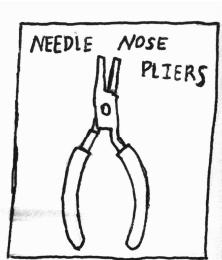
Solder



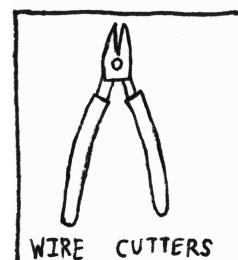
Safety Glasses



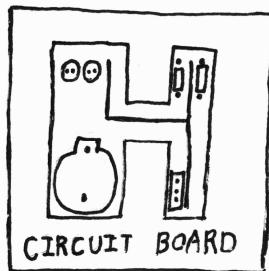
Brass Sponge



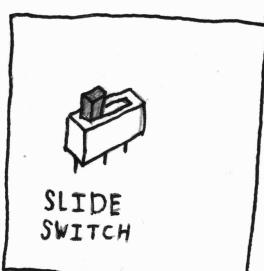
Needle Nose Pliers



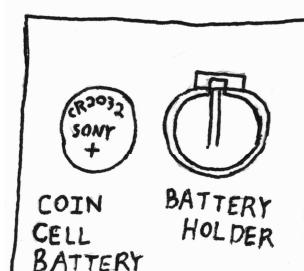
Wire Cutters



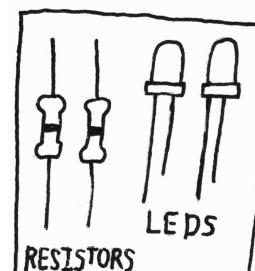
Circuit Board



Slide Switch

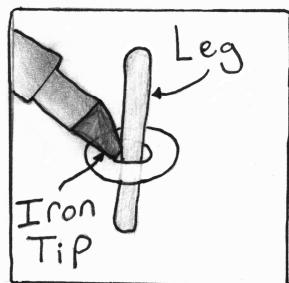


Battery and
Battery Holder

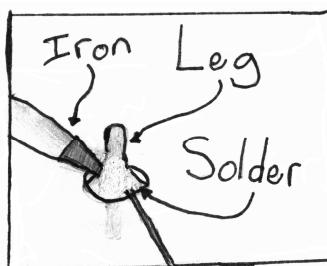


Resistors
and LEDs

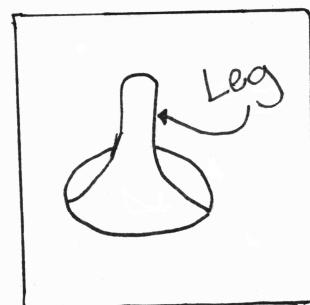
Soldering Hints



Touch iron tip to
both wire AND board,
hold for 4 seconds or so

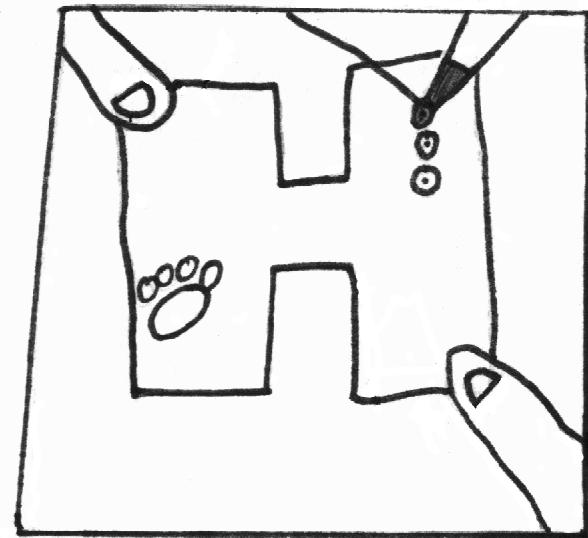


Add solder to wire
or board, NOT iron

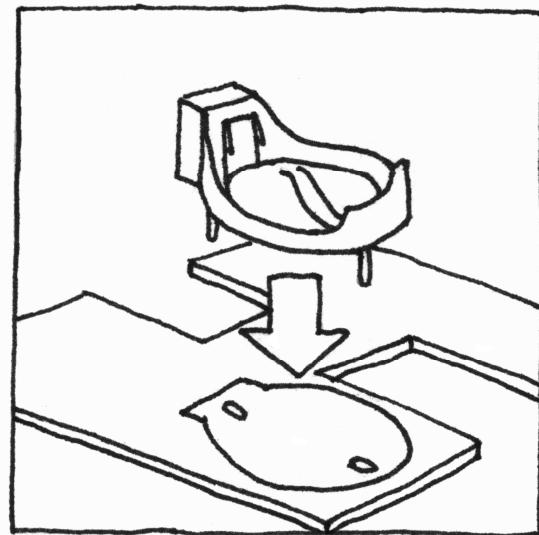


Remove solder,
then iron

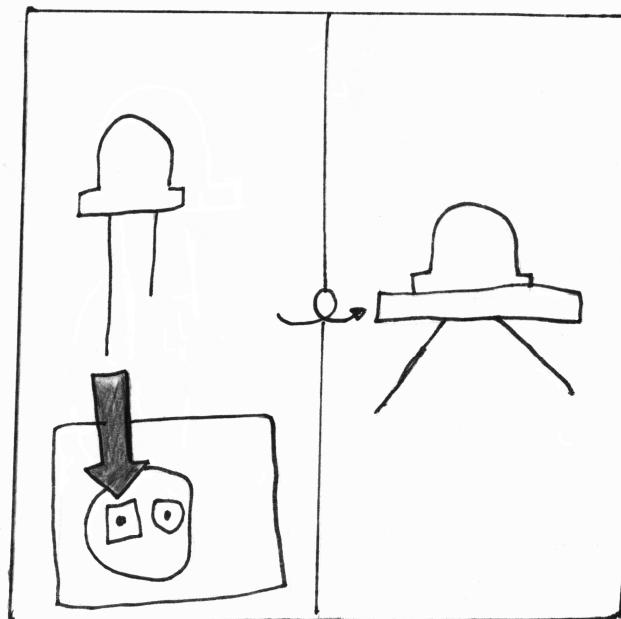
To Build your Hopkins Learn To Solder Kit



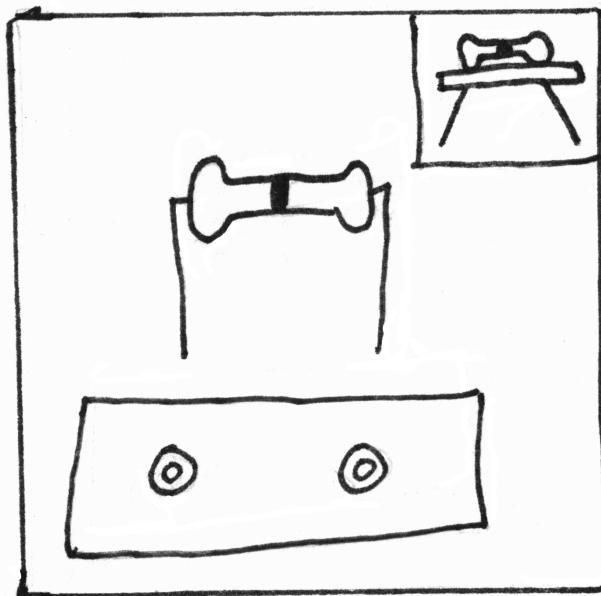
Solder in slide switch



Solder in the battery holder
Look for 'bump' and line it
up with outline on board



Solder in the two LEDs
Long wire goes in
square hole



Pull resistors apart, bend
wires down, insert into
board, and solder