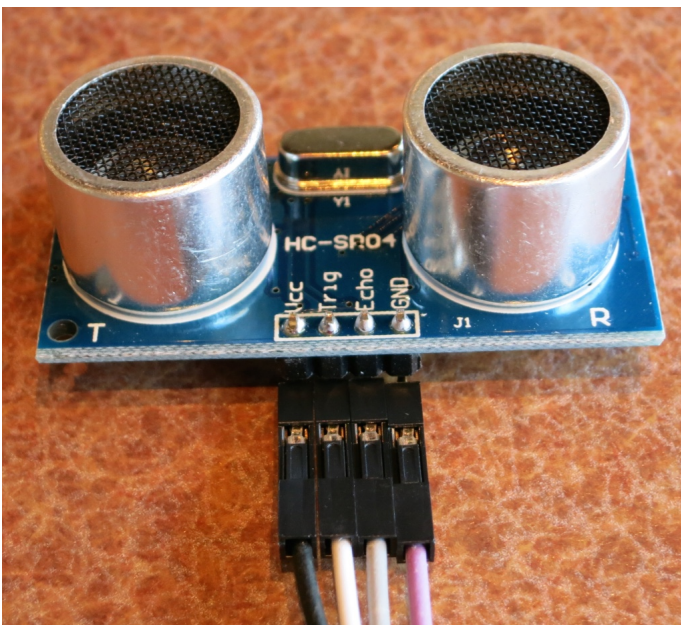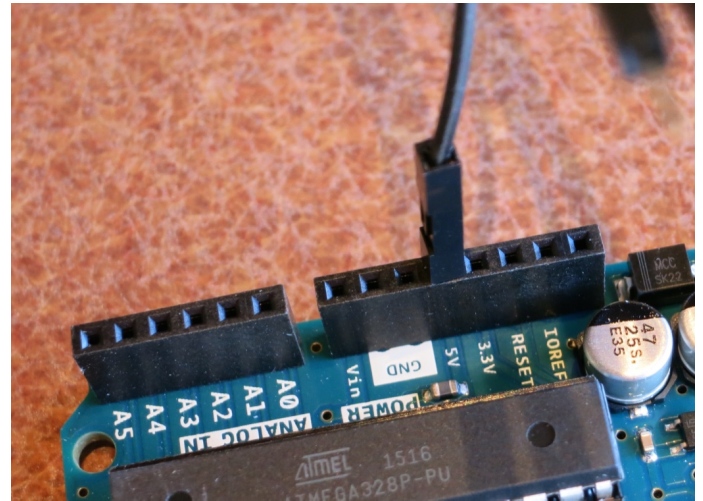# Hack a Halloween Pumpkin

With Arduino

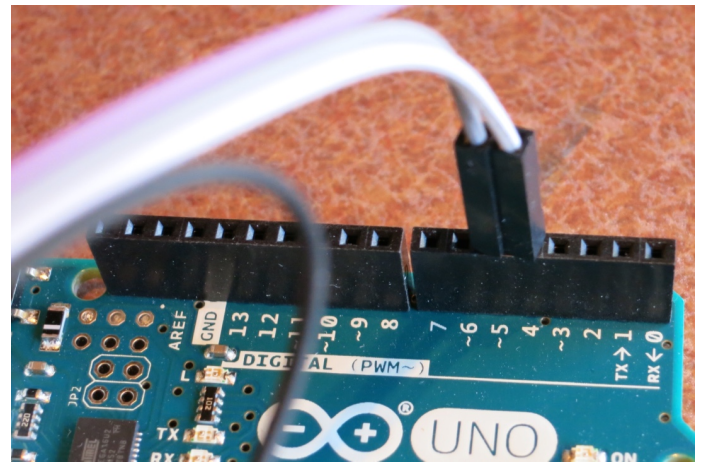Here is the kit. Assemble it in the following steps.

1. Connect 4 wires to Vcc, trigger, echo, and ground on the sonar rangefinder. If your wires are different colors from these, it's fine. Just connect each end to the right place.
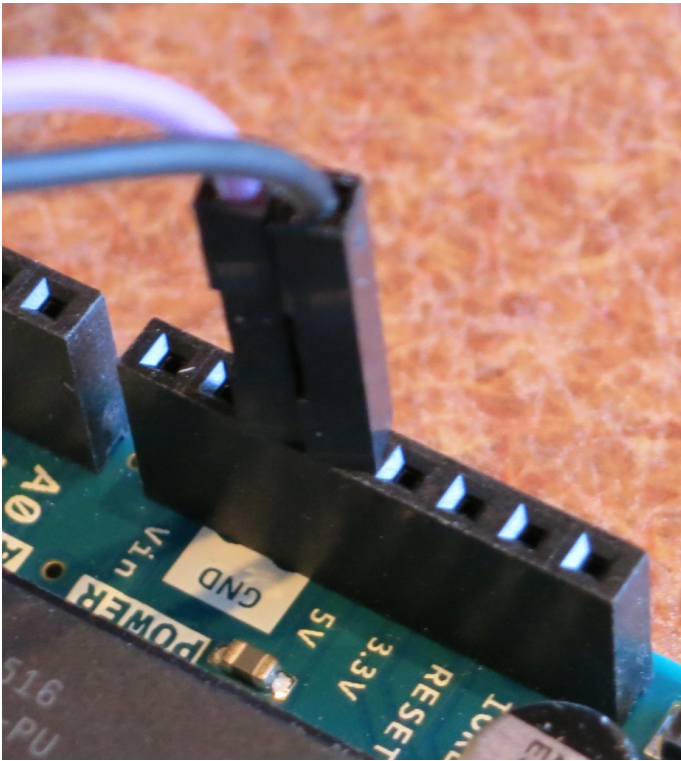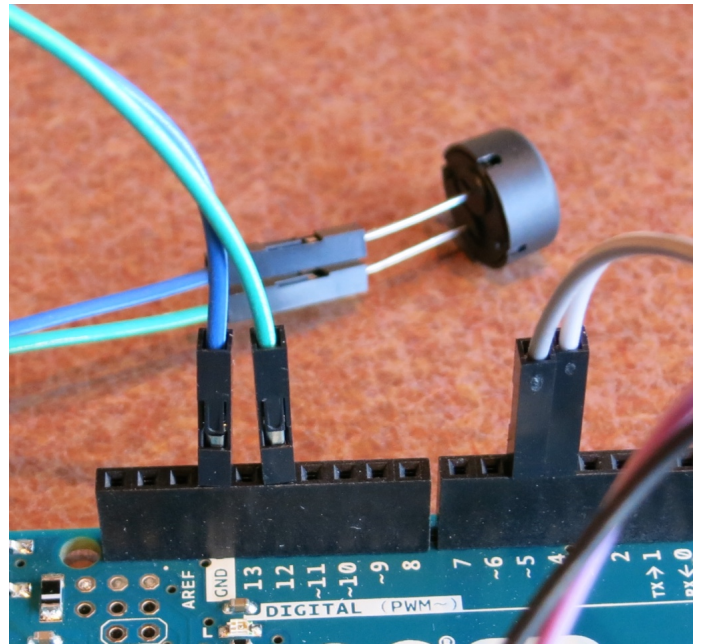

2. Connect Vcc (power) to 5V.

3. Connect trigger and echo to 4 and 5.

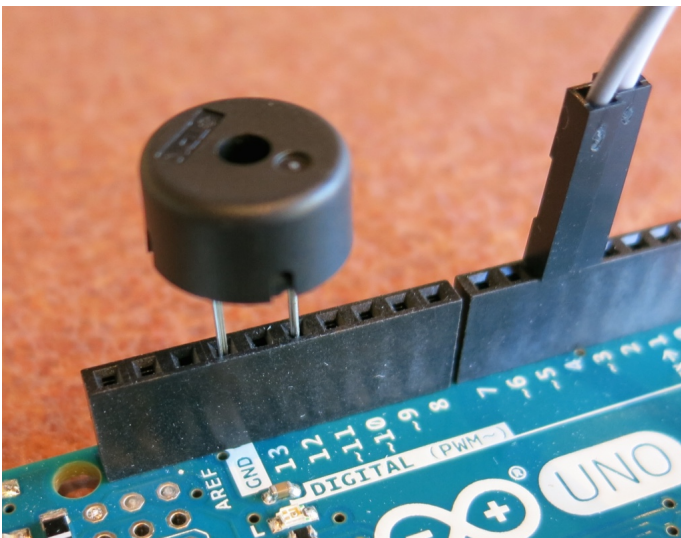Dave Briccetti Software LLC ● Computer programming lessons for kids ● davebsoft.com

4. Connect ground to ground. (The wire shown here on the left.)

or if you want to have an "extension cord" for the buzzer so you can mount it on the pumpkin instead of inside (this will make it louder),
5-b. connect it like this.

5-a. Mount the buzzer either directly to the Arduino as shown here,

6. Attach the battery clip and battery, and the project is ready to test.