How to use microphone with SquareWear
Using the SoundInSquareWear Arduino program, notice that the pins are defined as follows:

- **MIC_IN** is input A2
  - this means we must hook up **A2 to the OUT pin of the mic**
  - finish hooking up the mic by connecting
    - **VCC on squarewear to the VCC pin of the mic**
    - **GND on squarewear to the GND pin of the mic**
- **LED_1** is output D3; **LED_2** is output D5; **LED_3** is output D6
  - these are power sink pins, so we must connect
    - the **negative lead** to the controlling pin (D3, D5 or D6)
    - the **positive lead** to VCC
- **LED_4** is output D10; **LED_5** is output D11
  - these pins control voltage, so we must connect
    - the **positive lead** to the controlling pin (D10 or D11)
    - the **negative lead** to GND
- You may want to use a resistor (not shown below) between VCC and the positive leads of LED_1, LED_2 and LED_3 (drawn in purple) if you find the LEDs too bright