**Lesson\_8\_Notes\_and\_Journal**

**2024.05.03**

* Look at Code
* Look at Circuit
* Draw Circuit
* Build Circuit
* Start Lesson
  + - It Works – Bounces a few degrees.
    - Might be worth a Guage R&R
      * Need to be able to capture data for that
      * Shouldn’t be hard – Famous Last Words!

**Code**

* Glance at Code

from machine import ADC

import time

adc = machine.ADC(4)

while True:

ADC\_voltage = adc.read\_u16() \* (3.3 / (65536))

temperature\_celcius = 27 - (ADC\_voltage - 0.706)/0.001721

temp\_fahrenheit=32+(1.8\*temperature\_celcius)

print("Temperature: {}°C {}°F".format(temperature\_celcius,temp\_fahrenheit))

time.sleep\_ms(500)

**Circuit**

* Theirs

A circuit board with holes and a logo on it

Description automatically generated

* Mine – Nothing to build, just using the board
* As built -- NA