Sensor conversation notes

Unit 4

* Getting analogue input

Diagram on how to build

* Replace 6th resistor with variable
* Instead of copper wire nichrome wire
  + Tune resistor until the water stops bubbling
    - Then calibrate
    - Right at the edge
    - Don't mess with it after

Set up set salt water values and measure

* Voltage vs % salt
* Calculator is good at regressions

U5 and U4 are calibrations

Voltage through water read by calculator and converted

Variable resistor = potentiometer

* Center wire and one of the side wires

Two nichrome wires

* Surface area affects output
* Keep the same amount of wire in the water
* Keep the same difference between the wires