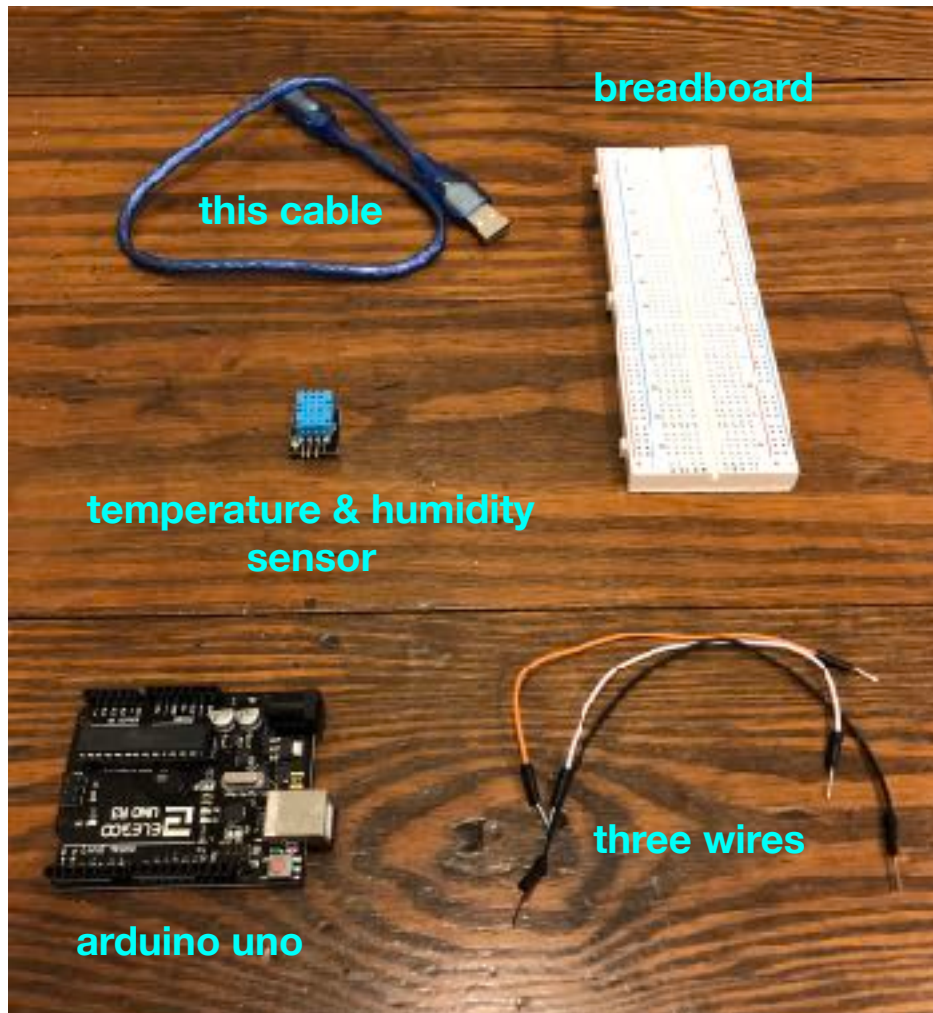


ella baseman
art tech

how to use the temperature and humidity sensor !!

what you will need:



you also need to download this zip file to add to your libraries! [DHTLib](#)

once you download it, open your arduino program, go to:

Sketch —> Include Library —> Add .ZIP Library and find it in your downloads

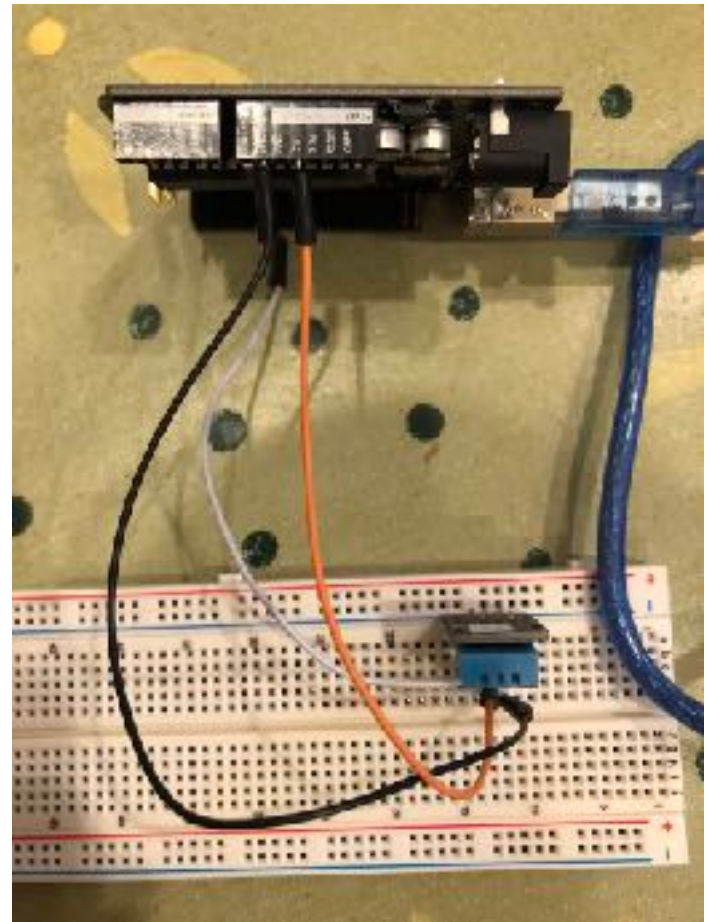
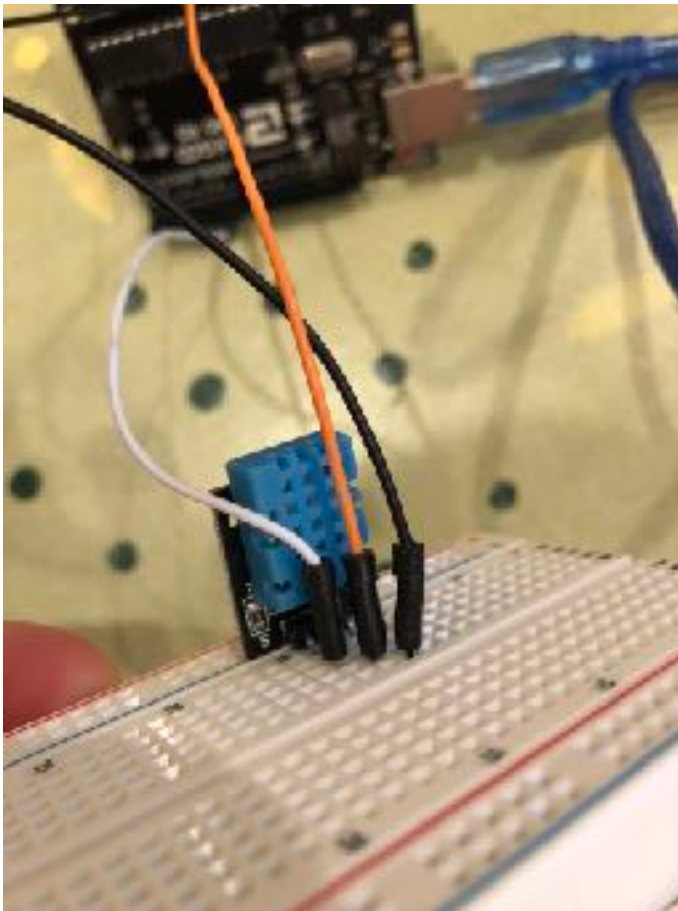
then:

Sketch —> Include Library —> select DHTLib under Contributed Libraries

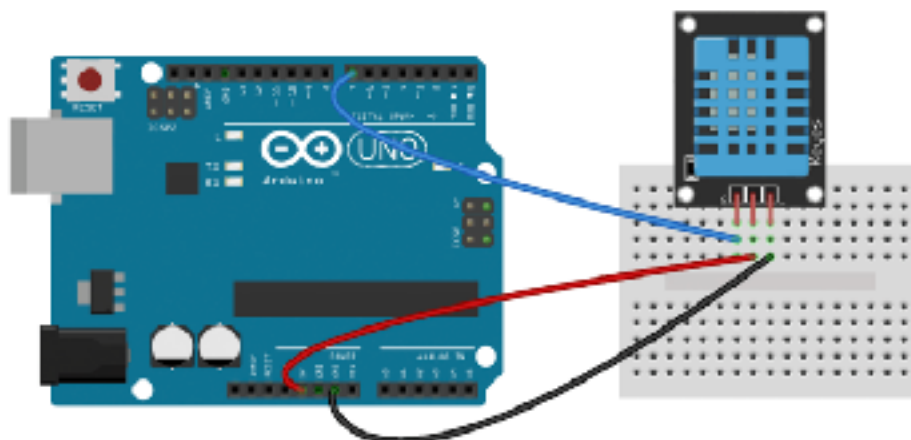
how to set up your arduino:

1. plug in your arduino to your computer
2. plug the three prongs of the temp/hum sensor into the bread board, running parallel to the middle split (the blue part should be facing the center) (this piece will not lay flat!)

3. plug the black wire into GND on your arduino and into the line of the **third** prong on your breadboard
4. plug the orange wire into 5V on your arduino and into the line of the **second** prong on your breadboard
5. plug the white wire into the pin number of your choice (i chose 7) and into the line of the **first** prong on your breadboard



CONNECTING A THREE PIN DHT11:



see attached for the code! and the video!

helped by & code modified from: <http://www.circuitbasics.com/how-to-set-up-the-dht11-humidity-sensor-on-an-arduino/>