DHT11 –Temperature and Humidity Sensor with OLED Display

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Note – You can view the Temperature & Humidity on the OLED Display or if you don't have an OLED, with the upload cable connected, by going to the serial monitor on the Arduino IDE.

Connections to Arduino Uno or Nano

DHT 11 + to Arduino 5V

DHT 11 — to Arduino Gnd

DHT 11 out/signal to Arduino D2

OLED vcc to Arduino 5V

OLED Gnd to Arduino Gnd

OLED SCL (clock) to Arduino A5

OLED SDA (data) to Arduino A4

On Nano, connect 6V battery + to Vin and — to Gnd.

On Uno, it gets its power via upload cable or the 5.5 mm power plug or Vin and Gnd.