**ARDUINO**

#include "DHT.h"

#define DPIN 5

#define DTYPE DHT11

DHT dht(DPIN, DTYPE);

void setup() {

Serial.begin(9600);

dht.begin();

}

void loop() {

delay(2000);

float tc = dht.readTemperature(false);

float tf = dht.readTemperature(true);

float hu = dht.readHumidity();

Serial.print("Temp: ");

Serial.print(tc);

Serial.print(" °C, ");

Serial.print(tf);

Serial.print(" °F, Humidity: ");

Serial.print(hu);

Serial.println(" %");

}

**TINKERCAD**

#include <OneWire.h>

#include <DallasTemperature.h>

#define ONE\_WIRE\_BUS 4

OneWire oneWire(ONE\_WIRE\_BUS);

DallasTemperature sensors(&oneWire);

void setup() {

Serial.begin(9600);

sensors.begin();

}

void loop() {

sensors.requestTemperatures();

float tempC = sensors.getTempCByIndex(0);

float tempF = tempC \* 9.0 / 5.0 + 32.0;

Serial.print("Temperature: ");

Serial.print(tempC);

Serial.print((char)176);

Serial.print("C | ");

Serial.print(tempF);

Serial.print((char)176);

Serial.println("F");

delay(500);

}