000

DEV BOARDS

ARDUINO, RASPBERRY PI, ESP & MORE





(set your own goal) Enter a Hackathon, Design your own Robotics competition Arduino hat / Raspi or CTF activity Shield / Dev board Use TinyML S₂ Teach a class on Do an autonomous in a proiect (eg. Obiect a dev board robotics project Detection) Release a Send data with Make an open Create an FPGA Project LoraWAN, Nb-IOT tutorial on a project source project you've made or others OSHW Do a robotics Make a wearable Learn git **Project** tech project with a dev board € 曲 Debug Run out of Do an IoT Make something voltage drops Project memory in a project for gaming ٩ Make a Modify a Send data to project with a an online server bootloader (eg. MQTT) camera Use encoders 5 Make an 0 Use MIDI files in to measure motor Use RFID in interactive art piece rotation a project a project with a dev board Send data Send data ((0))Л 幕 Use a screen wirelessly using wirelessly using in a project **BLE** WiFi (a) Use a joystick Fix something Use a PID Make a project or gamepad in a that's broken with Controller for everyday use project a dev board Make a project Help someone Use an LED Matrix that moves fix their code in a project **5** Build your own Detect a person Teach a friend Learn Python with a sensor enclosure for a project skills Raspi چ Use more than Use an interrupt Schedule a task one motor in a for Raspi in a project project O Use the real Use LED Use TinkerCAD Teach a friend time clock for strip in a project to code and simulate Arduino scheduling an arduino project O T I N K E R C A D Use WiFi to send Use environmental ₩_{Make a gift} data from an ESP sensors in a project for someone with board a dev board 匮 Let the smoke Use a multimeter Use a sensor Get a project to measure voltage out of a dev board to trigger an action wrong and try again or current accidentally ((0))1 Make an LED Use a Raspi Use an hat Arduino shield blink with Python **~** $^+$ Use the Arduino Prototype Print 'Hello to measure circuit Serial Monitor an invention with World' on Raspi continuity cardboard Use a servo Use Raspi C:V ----- Alter example motor in a project command line Arduino code for the first time Θ Flash a Raspi Learn Ohm's C:/ Set up a Raspi Blink an LED OS on an SD Card Law for the first time 유 Use a button Learn to use Learn about or a switch in a breadboard Raspi OS

Name: ______ HERE

a circuit



1 tile = 1 point

Total Score