Name:

DEV BOARDS

ARDUINO, RASPBERRY PI, ESP & MORE



Skill Tree: Color in the boxes and level up your skills

Use for individuals or as a group by picking a colour each and coloring in a part of the box. Everyone's journey is different and you can interpret the goals flexibly. The aim is to inspire you to learn and try new things. Not everything needs to be completed.



(set your own goal)	(set your own goal)	(set your own goal)	
(set your own goal) Enter a Hackath			\
Do an autonomous Robotics compet or CTF activity	Shield / De	v board	
Send data with LoraWAN, Nb-IOT Robotics project Make an operation of the source project of the source projec	oct \\ II // tutorial on a	Detection) Create an Project FPGA Project	
or others Do a robotics Project OSHW	Learn git you've m	Make a wearable tech project with a	
Debug voltage drops Make someth	J		ct
Modify a bootloader	Make a project with a camera	Send data to an online server (eg. MQTT)	
Use an Arduino to burn a bootloader Make an interactive art p with a dev book	ard a proje	ect a project	
Use a screen in a project Use a joystick Make a project	Send data wirelessly using BLE Fix some	wirelessly using WiFi	
or gamepad in a project Make a project Make a project	that's brok	en with controller controller	
Build your own Make a project that moves Detect a pers	in a project	fix their code	/
enclosure for a project Use an interrupt with a sensor	Skills Use more than	Raspi	
Teach a friend Arduino Use the real time clock for	project Use Li	for Raspi Use TinkerCAD	to
Ardund scheduling Scheduling Make a gift	Use environmental	an arduing project	•
Use a sensor to trigger an action for someone with a dev board to trigger an action out of a dev board to trigger an action of a dev board to trigger and a dev board to trigger and a dev board to trigger and a dev board to trigger an action of a dev board to trigger and action of a dev board to trigge	pard wrong and	oject board Use a multimeter	
((o)) Use an Arduino shield	Use a Raspi hat	Make an LED blink with Python	
Use the Arduino Serial Monitor Prototype an invention w cardboard	Use a mult to measure continu	circuit Print 'Hello World' on Pasni	
Use a servo motor in a project	Alter example Arduino code	Use Raspi command line for the first time	
Learn Ohm's Law Use a button Blink an LEI) US OIT AIT S	D Card for the first time	
or a switch in a circuit	Learn to use a breadboard	Raspi OS	/





Icons by Icons8.com