

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

Use for individuals or as a group by picking a color 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) Write your Create an own C/C++ library FPGA Project for a sensor from scratch Use capacitive **<>** Make a switch Teach a class on touch in a PCB mode power supply Electronics design 3 Release a Make something Make an open Make an tutorial on a project with PCB Art source project electronic sculpture you've made OSHW Learn PCB Build a Radio Make a PID circuit Design Software Frequency (RF) with Op-Amps Project 8 Order a PCB \Box Use a frequency Use automatic Build a robot with your design analyzer for a project gain control Se se 翩 Use a MOSFET Filter unwanted Repair a broken instead of a relay in a noise from a signal trace on a PCB project Use a surge Use an LED Make your own Make a regulated diode to project a **USB** cable matrix in a project power supply circuit Measure 8 Make an Internet Make something voltage with an of Things (IoT) with a 7 segment oscilloscope project display Look at an audio Measure Teach a friend Make something 15:34 input on an capacitor equivalent with solar panels an electronics skill oscilloscope series resistance -W [-√√-] |ø *** Use a crowbar Make a motor [###] Make a counter controller with a circuit to protect with logic gates against over voltage H Bridge 이이경 **\(\frac{1}{2} \)** Make an Measure frequency Apply solder paste to antenna with a multimeter or a PCB with a stencil Make something oscilloscope for a friend **((1))** Use an Op-Amp •••• Make a wearable Make something in a circuit tech project with Arduino R Create a \odot Let the smoke Make a project Learn to solder circuit diagram out accidentally surface mount parts with a Raspberry Pi with software M f Use a relay Use addressable Use a 555 to switch something RGB LEDs in a timer in a circuit on at a higher voltage project 555 0000 Measure Make a sound Use a diode to 3 Make a voltage protect your circuit current with a louder with an divider to lower from reverse voltages amplifier multimeter the voltage for a project Make an Turn a breadboard Turn something oscillator that circuit into a on using a sensor makes noise schematic **å**)) Fix something Learn to desolder Make something Measure voltage that's broken a through hole that makes noise with a multimeter component Mily. Get a circuit Learn to Learn to read control the brightness wrong and try a datasheet of an LED again 유 Learn to Learn to use 9 Complete Learn Ohm's use wire strippers a breadboard an electronics kit Law V Light up an Learn to Learn to Solder LED for the first read a schematic

START HERE



1 tile = 1 point

Total Score

time

Name: .