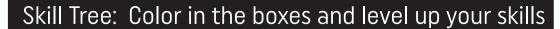
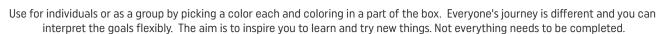
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## **ELECTRONICS**







(set your own goal) Create an Design a 3+ **FPGA Project layer PCB** 8 Use capacitive Make a switch Teach a class on touch in a PCB mode power supply Electronics design 3 Release a Make an open Make an Make something tutorial on a project source project electronic sculpture with PCB Art you've made OSHW Design a SAO Build a Radio Make a PID circuit Frequency (RF) or badge for a with Op-Amps conference Project Se se  $\Box$ Order a PCB Use a frequency Use automatic Apply solder paste to with your design analyzer for a project gain control a PCB with a stencil 80 •••• Filter unwanted Use a MOSFET Repair a mistake instead of a relay in a noise from a signal on a PCB project Use a surge Use an LED Learn PCB Make a regulated diode to project a Design Software matrix in a project power supply circuit Se se Measure 80 Make an Internet Make something voltage with an of Things (IoT) with a 7 segment oscilloscope project display [\_^\\_ iØ \*\*\* Look at an audic Measure Teach a friend Make something 18:34 input on an capacitor equivalent with solar panels an electronics skill oscilloscope series resistance Use a crowbar Make a motor ===\ Make a counter controller with a circuit to protect with logic gates H Bridge against over voltage 이이경 [ > Make an Measure frequency Make your own antenna with a multimeter or Make something **USB** cable oscilloscope for a friend **((1))** Use a 555 Build a robot Make a wearable timer in a circuit tech project 0000 555 0000 R Build and Accidentally let Learn to solder Make a project simulate an Arduino surface mount parts out the magic smoke with a Raspberry Pi in TinkerCAD 1 **<**□□~ Use addressable Use a relay Make something to switch something RGB LEDs in a with Arduino on at a higher voltage project Measure Use a diode to 3 Make a voltage Amplify a sound protect your circuit current with a divider to lower or signal from reverse voltages 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 **√-**)) Fix something Learn to desolder Make something Measure voltage a through hole that's broken that makes noise with a multimeter component Get a circuit Learn to Learn to read control the brightness wrong and try a datasheet of an LED again 유 Learn to use Learn to Complete Learn Ohm's use wire strippers a breadboard an electronics kit Law V Learn to Light up an Learn to solder read a schematic LED 유 1 tile = 1 point





**Total Score** 

Name: .