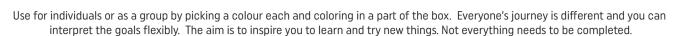
3D PRINTING

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





(set your own goal) **Build** your Create a project own 3D printer how-to guide Acetone .; Print in Nylon or Teach a class on 3D smooth an ABS part Printing or 3D modeling ASA material Try heat annealing Use a multi Print something 3D Model something a part to make it material 3D Printer that isn't plastic and upload it under an stronger eg. Food, clay, Pancake Open Source licence Use heat set <u>=1</u>[Reverse engineer Make your own threaded inserts something in CAD filament in a part software and print Sand and paint Try a different Print something in something you've Slicing Software metal or metal-like Print a gift for a printed friend or family material Teach a friend Mod your 3D F T member Get 3D scanned and how to 3D Print printer with something print a model of yourself 3D printed Print something Repair something Recycle filament Install and use a again after making with 3D printing or failed prints design improvements non-standard nozzle Print a Make a lithophane Sell something mould for a casting from a photo or image you've 3D printed project ক্ৰ Print something Print in ABS Print in a flexible Print something for cosplay or prop or PETG material material large making Use PVA Use advanced Print something that dissolvable support slicer settings requires more than 1kg material of filament Mix your Print in two Print something Upload a remix of own resin blend colors or materials to wear a 3D model Use ironing رع **Embed electronics** Change a nozzle for in slicing software or magnets inside a 3D the first time print Use spiralize or 유 Model and print Edit an existing 3D print something vase mode to print something that solves model and print on fabric something a problem لئ Have a failed print Print an articulating Print a model with and fix the problem or print in place model tree supports Learn how to Learn about Print something Print a compliant do maintenance Precious Plastic functional mechanism on a 3D printer recycling Do a hot pull and Have a print Send a file to a cold pull cycle to failure with lots of printer wirelessly unclog a nozzle spaghetti 9 K. Print an Print in PLA Calibrate Ø⁄ organizer for the break a print while a resin printer material home removing support material 馏 Print something

Learn how to safely

handle 3D printer resin

to avoid chemical burns

Use a resin printer

for the first time

Learn to use

slicing software



with multiple

parts and assemble

Pick a simple

3D Model to print



Learn about

3D printer fumes,

extraction and safety

Learn the differences between resin and FDM type printers

Use an FDM printer

for the first time



Visit your local makerspace



1 tile = 1 point

Total Score

Name: .

Set up a resin

printing PPE and

wash & cure station



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