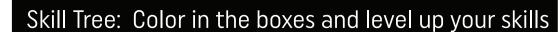
## CNC & CAM



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) Build your own Design something and **CNC Machine** upload instructions online for others to use Machine a Use an Teach a CNC mountain range automatic toolchanger Use a vacuum Make a 3D Retrofit an old Use a CNC Lathe CNC machine art piece table Change tool Tram your Accidentally set in a G-Code CNC machine fire to a wooden part Program Use an M1 Use a CNC a printed Sell something XYZ Probe fixture plate you've made circuit board **%** \$ Visit your local Make multiple Accidentally misalign makerspace or parts in the same the second side of a job woodworking club program Fill an engraving Make a part Use a Z probe with resin or paint in titanium something F as a gift Modify a Use a Accidentally use post-processor non-standard cutter thre wrong tool Drill an array **:::::** Make a part Fill an engraving Use a vise of holes (eg. speaker in steel with wax grill) Hib Accidentally run a Use cutting Drill a hole tool through your oil or spray using a drill cycle nearly finished part **F** Engrave a Make a custom Use a 1 Make a part picture finishing pass part-holding jig in Aluminium Try to make a Machine a hole Make a part part larger than with an endmill with a fillet your stock Make Make a part Fix stock with Н Make a two-sided mechanical parts in plastic clamps that fit together part Make a 3D part See "chatter' Teach a friend with curves in **CNC** skills in your part the z axis **///** Make a Add tabs to Make a part Fix stock with mechanical part a part in wood screws O Use a Break a tool Engrave text feeds & speeds calculator  $\rightarrow$ Make a 2.5D Use a facing Cut out Fix stock with part with a circle tool glue pockets å 0 Find Z zero Make a 2D Generate your on your part flat part first G-code file  $\bigoplus$ **G1** Fix stock with Cut out Use a V-Cutter Use an endmill double-sided a square sticky tape

START HERE

Use a CNC

for the first time



Use a ball mill



Cut a pocket

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