



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)

Optimise a

speed

font

Aa

0

Use multiple

Make a laser cut project that's bigger than yourself

Use a Galvo/ Fiber laser Cutter

(set your own goal)

Engrave metal

Nest parts for

maximum material

efficiency

Fit something to a

real-life object (use a

photo or scan)

Use a CO2

Laser Cutter

Modify your laser

cutter (air assist, add

camera, change firmware,

etc)

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Make

something with a

perforated fold/ tear-away

Laser cut

paper or cardboard

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Make a hard

material bend with

living hinges

Make a custom

workholding solution (jig)

Make something

with a few different

materials

Do a marquetry

project

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Engrave ceramic,

tile or stone

Make a design of

stacked materials/

sheets

Teach a workshop on laser cutting

Use a 3D design

software, to create a

complex fitted part

Learn how to

use boolean tools

effectively

Find perfect fit

tolerances for your

most used material

Use a camera

mounted to your laser

to position your jobs

O.

Find perfect

image/photo

engraving settings

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Make an organiser

with laser cutting

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Cut something

from timber

Buy some good

laser safety glasses

(set your own goal)

a curved object

Use a rotary

laser to engrave

Upload an Open Source design online for others

(set your own goal)

Cut a nonstandard material (e.g. leather, rubber stamp leaf, shell)

Make something

from laser cut

fabric / leather

Fix a laser

cutter when

Use tabs to keep

Make a stencil

(preferably in

polypropylene!)

Use an auto-trace

function to turn pixels

into vectors

pre-made and laser

etch it

Customise a design

using vector software

P

Create a complex

design from scratch using vector software

Add paint/

colour to a project

something goes wrong

Combine laser cutting and 3D printing ir

Solve a real-life problem with laser cutting

tool with laser cutting

small pieces in a design in place

to a laser cutting project

Cut something from acrylic

Get a design

wrong and try again

Make something from upcycled materials

Mount a fire blanket & extinguisher nearby

(set your own goal)

Use a 3D engraving technique (eg. depth map)

Combine laser cutting with hardware (bolts, hinges etc)

F Convert something from one vector format to another

the same project

Teach a friend laser cutting

Make a

Have an idea and make it in less than 1 hr

Add electronics

유

from multiple laser cut parts

Reverse engineer

something for a

project

:Oj

Make something

Make a simple design in vector software P

5

unsafe to cut

Learn which

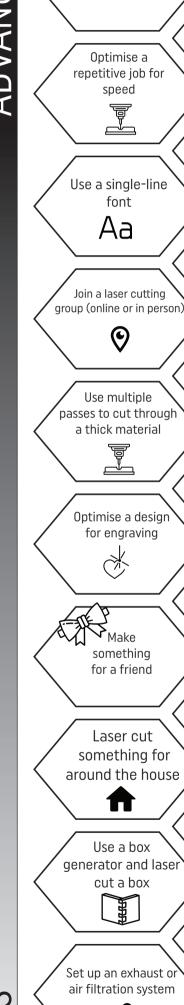
materials are

1 tile = 1 point

Total Score

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Make something

for engraving

for a friend

Laser cut something for around the house

Use a box generator and laser cut a box

gara)

Set up an exhaust or air filtration system



Set up an enclosure for your laser cutter *****



Use a diode laser cutter

*





Find perfect cut

settings for a new

material

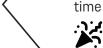


Use cutting and engraving in the same project









START



HERE



Name: .