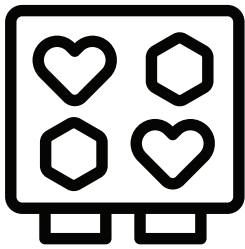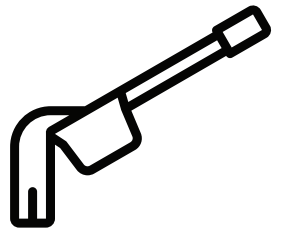# MOULDING & CASTING

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

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.

ADVANCED

BASICS

(set your own goal)

(set your own goal)

(set your own goal)

(set your own goal)

(set your own goal)

- Teach a moulding and casting class
- Do injection moulding
- Cast a high temperature metal
- Cast a precious metal
- Cast a low temperature metal
- Do a deep pour with resin
- Cast two different materials in one mould
- Cast a precious metal
- Use a sacrificial mould
- Make a batch of small parts
- Vacuum form a mould
- Make a layup mould
- Use a mould enough times it breaks
- Use fibreglass in a project
- Make a metal mould
- Sell something you've made
- Mould a part with a cavity
- Do slip casting in clay
- Cut up an old mould to use as filler in a new mould
- Teach a friend a moulding and casting skill
- Use carbon fibre in a project
- Have a mould leak
- Laser cut a mould
- Cast a river in a wooden project
- Use a water soluble mould
- Mix up too much casting material
- Share a mould you've made
- Mould a part with a thin wall
- Have a moulded part crack
- Make terrazzo
- Make a mould using multiple materials
- Embed a circuit in resin
- Make something unnervingly life life
- Cast layers of different colors
- Make a crystal clear part
- Have something that gets stuck in a mould forever
- Cast something for a friend
- Use a moulded part as part of a larger project
- Do a 'dirty pour'
- Make a mould of a body part
- Do a multi stage pour
- Post process your moulded part
- Cast concrete in a mould
- 3D print a positive or a mould
- Make a multi part mould
- Use more than one color in a resin project
- Cast recycled plastic
- Make a mould from a positive
- Design a mould in CAD software
- Learn to properly dispose of resin
- Use a release agent
- Make a two part mould
- Use glitter in a cast
- Embed something in resin
- Use pigments in a cast
- Cast alginate in a mould
- Cast silicone in a mould
- Cast soap in a mould
- Make a mould
- Cast plaster in a mould
- Cast foam in a mould
- Cast urethane in a mould
- Cast epoxy in a mould
- Get a good respirator
- Cast something edible
- Cast clay in a mould
- Make something using a mould
- Cast wax in a mould

START | **HERE**

1 tile = 1 point

Total Score

Name: _____