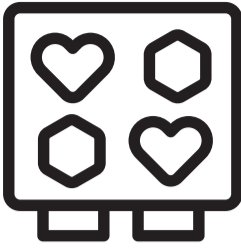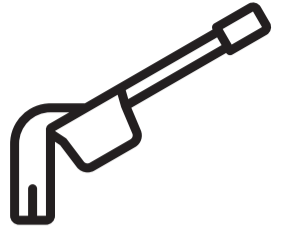# MOLDING & CASTING

Skill Tree: Color in the Boxes

Color in the boxes of anything you've already completed, visualize your skills and identify your skill gaps. Get inspired to try new things and tailor the skill tree to suit your own journey by swapping in your own goals.

ADVANCED

BASICS

(set your own goal)

(set your own goal)

(set your own goal)

(set your own goal)

(set your own goal)

Teach a molding and casting class

Cast a high temperature metal

Do injection molding

Cast a precious metal

Cast a low temperature metal

Do a deep pour with resin

Cast two different materials in one mold

Do an investment cast

Use a sacrificial mold

Make a batch of small parts

Vacuum form a mold

Make a metal mold

Make a layup mold

Use a mold enough times it breaks

Use fiberglass in a project

Sell something you've made

Mold a part with a cavity

Do slip casting in clay

Cut up an old mold to use as filler in a new mold

Teach a friend a molding and casting skill

Use carbon fiber in a project

Make something unnervingly life life

Laser cut a mold

Cast a river in a wooden project

Use a water soluble mold

Mix up too much casting material

Share a mold you've made

Have a molded part crack

Make terrazzo

Make a mold using multiple materials

Mold a part with a thin wall

Make a mold of a body part

Cast layers of different colors

Make a crystal clear part

Embed a circuit in resin

Have something that gets stuck in a mold forever

Cast something for a friend

Use a molded part as part of a larger project

Cast recycled plastic

Do a multi stage pour

Post process your molded part

Do a 'dirty pour'

Cast concrete in a mold

3D print a positive or a mold

Make a multi part mold

Use more than one color in a resin project

Embed something in resin

Make a mold from a positive

Design a mold in CAD software

Learn to properly dispose of resin

Use a release agent

Make a two part mold

Use glitter in a cast

Have a mold leak

Use pigments in a cast

Cast alginate in a mold

Cast silicone in a mold

Cast soap in a mold

Make a mold

Cast plaster in a mold

Cast foam in a mold

Cast urethane in a mold

Cast epoxy in a mold

Get a good respirator

Cast something edible

Cast clay in a mold

Make something using a mold

Cast wax in a mold

START | **HERE**

1 tile = 1 point

Total Score

Name: _____

Icons by Icons8.com