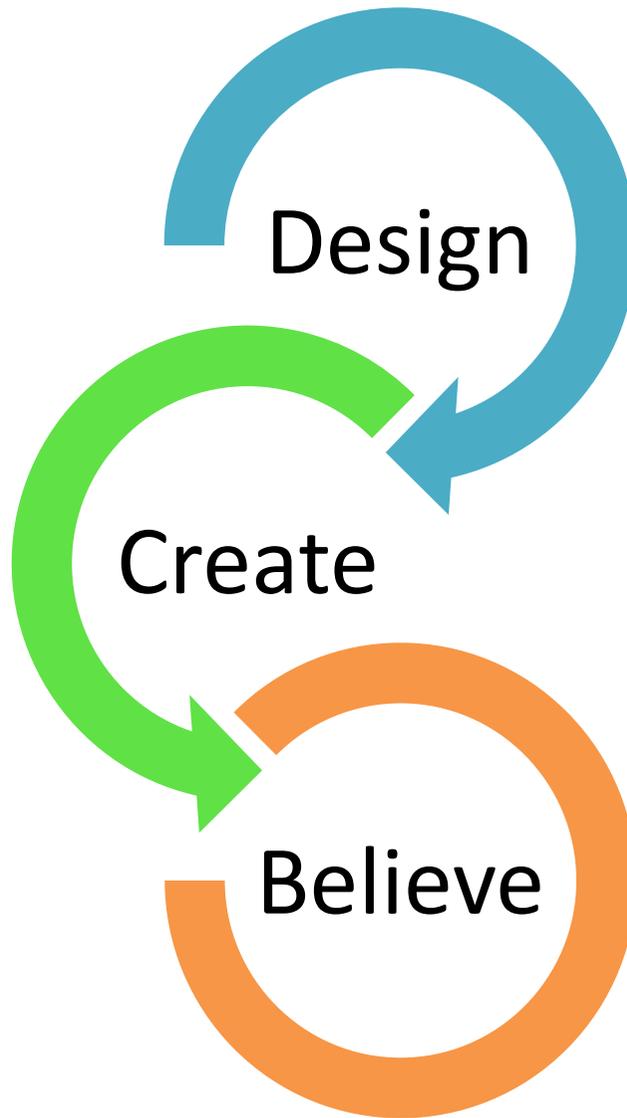


Mr. Shane Brouder is currently a 'Design and Technology Education' student of GMIT Letterfrack.

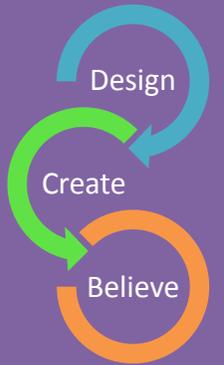


His dream is to facilitate unique design processing and encourage exciting manufacturing with respect to the subject Materials Technology (Wood). Mr. Brouder believes that utilizing new skills and incorporating new materials into the MTW classroom can develop a student's lifelong learning experiences.

Eli-Chem Resins are a British based company that specialise in manufacturing and distributing two part polymer resin systems. They are the main supplier for Resin Ready. MasterCast 1-2-1 is an exhilarating product and can be purchased from their website.



# Nature Teapot Stand



**RESIN READY**



## Step 1: Gather Apparatus

- ❖ MastCast 1-2-1 casting resin.
- ❖ Plastic mixing cup and spatula.
- ❖ Leaves.
- ❖ Masking Tape.
- ❖ Heat gun.
- ❖ Finished base stand (working drawing supplied).
- ❖ Flat Surface.
- ❖ PPE

## Step 2: Prepare Mould

- ❖ Wrap masking tape around the sides of your octagonal base.
- ❖ Ensure to leave a lip of masking tape over base.
- ❖ This creates your casting area.
- ❖ Ensure tape masking tape is fixed securely to your octagonal casting base.
- ❖ Trip any excess tape from the form.



## Step 3: Layout & Mix

- ❖ Determine and plot the leaves onto the octagonal base.
- ❖ Superglue in place (this stops the leaves from floating in the resin).
- ❖ Allow the superglue to dry for 3-4 minutes.
- ❖ Pour 100ml resin into plastic measuring cup.
- ❖ Add 100ml hardener.
- ❖ Mix the substrate thoroughly for 3-4 minutes.



## Step 4: Pouring & Heated Air

- ❖ Slowly pour the resin into the octagonal mould.
- ❖ Pour slowly to prevent the leaves from being dislodged from the



bottom of the mould.

- ❖ Ensure that the resin is spread to the edges of the mould.
- ❖ Apply heated air with the heat gun.
- ❖ Do not hold heat gun too close to the resin as it creates ripples on the surface.
- ❖ Allow to set for 30minutes.
- ❖ Allow to cure overnight.



## Step 5: Finishing Touches

- ❖ Remove Masking tape.
- ❖ Sand and polish the edges to give crystal clear finish.



Video @

**RESINREADY.weebly.com**

