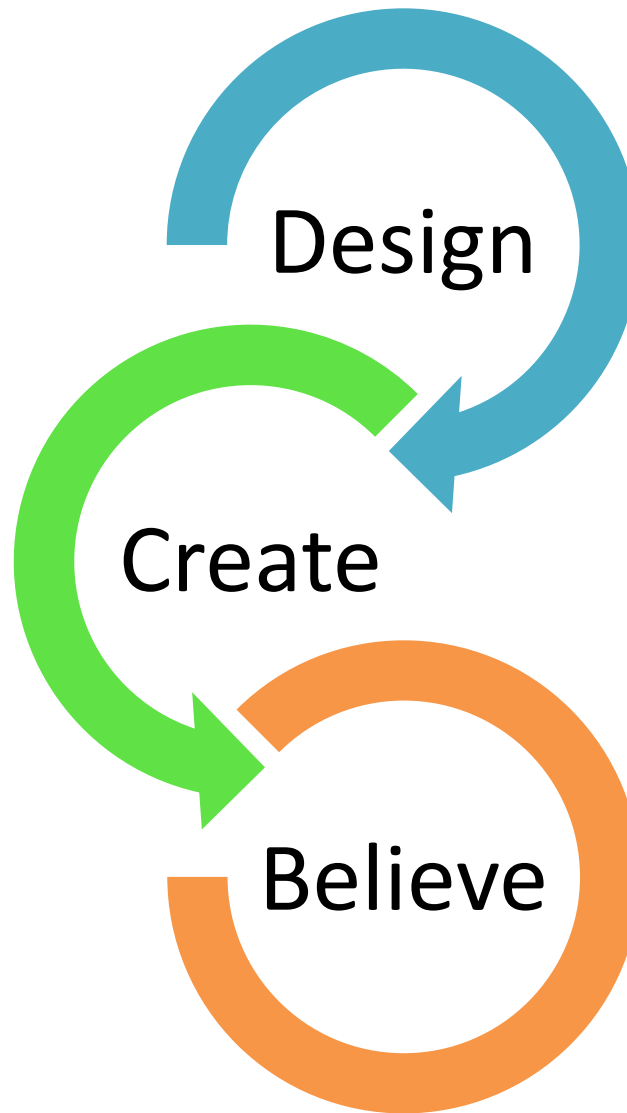


Mr. Shane Brouder is currently a 'Design and Technology Education' student of GMIT Letterfrack.

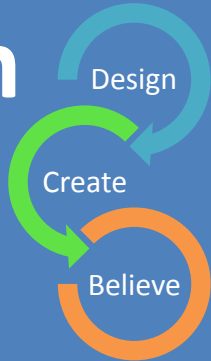


His dream is to facilitate unique design processing and encourage exciting manufacturing with respect to the subject Materials Technology (Wood). Mr. Brouder believes that utilizing new skills and incorporating new materials into the MTW classroom can develop a student's lifelong learning experiences.

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.



Pencil Snowman



RESIN READY



Step 1: Gather Apparatus

- ❖ MastCast 1-2-1 casting resin.
- ❖ Plastic mixing cup and spatula.
- ❖ Cut up old pencils.
- ❖ Map pins.
- ❖ Heat gun.
- ❖ Form with inside dimensions of 100mm x 100mm.
- ❖ Flat Surface.
- ❖ PPE

Step 2: Prepare Mould

- ❖ Mould can be premade prior to casting. (working drawings supplied).
- ❖ Mould must be water tight, line with silicone or fix together using glue.
- ❖ Ensure mould is clean and dust free.



Step 3: Embedding & Mix

- ❖ Place the pencils into the mould.
- ❖ Pour 150ml resin into plastic measuring cup.
- ❖ Add 150ml hardener.
- ❖ Mix the substrate thoroughly for 3-4 minutes.



❖ Step 4: Pouring & Heated Air

- ❖ Slowly pour the resin into the mould.
- ❖ When pouring gently shake the mould to allow resin to flow throughout the pencils.
- ❖ Ensure that the resin comes to the brim of the mould.



- ❖ Apply heated air with the heat gun.
- ❖ Allow to set for 30minutes.
- ❖ Allow to cure overnight.

Step 5: Finishing Touches

- ❖ Remove cast from mould with tenon saw or band saw.
- ❖ Mount on lathe and turn to individual snowman design.
- ❖ Drill pilot holes for eyes, nose.
- ❖ Glue map pins.
- ❖ Finish hat with clear casting resin to blend in with snowman body.
- ❖ Working drawings supplied.



Video @

RESINREADY.weebly.com

