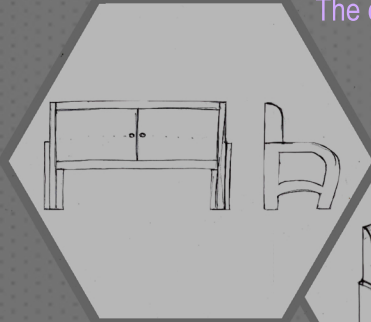


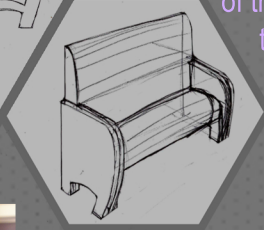
Sapele Bench

My parents commissioned me to design and manufacture a bench for their up and coming retirement. On a weekly basis they went over my initial designs to find out what they preferred, until a final design was chosen that they were happy with.

The drawings below are rough sketches of the final design.



The images on the right show some of the main stages of the one-off manufacturing processes for the sapele bench. These include gluing with cascamite, sanding by both machine and hand and marking out.



I made mock up seats and tried them out at the appropriate height. I got myself and my mother and father, who would be the main users of the product to try out the styles. The angle of the back and seat were adjusted to three positions of 5 degrees difference, there was also a difference in the back, either straight or with a slight bulge in the middle.

