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Review of Achievement Standards (RAS) Exemplar

Level 1 Design and Visual Communication

Achievement Standard 92003

**Use instrumental drawing techniques to communicate own product
or spatial design outcome**

Achievement

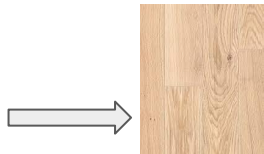
TOTAL 3

Summary page

Materials

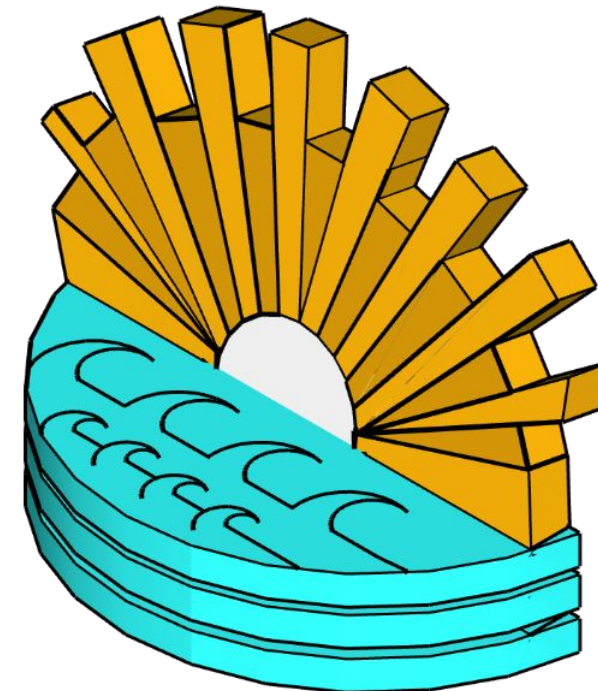
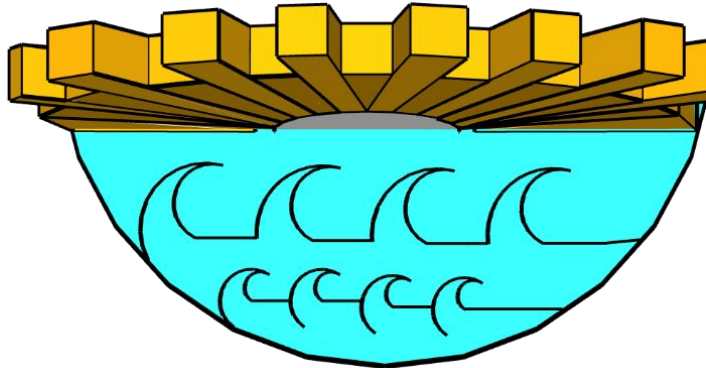
- White oak wood

I am going to use White oak wood because this is great for outdoors and is sustainable so brings the organic feel to the beach environment.



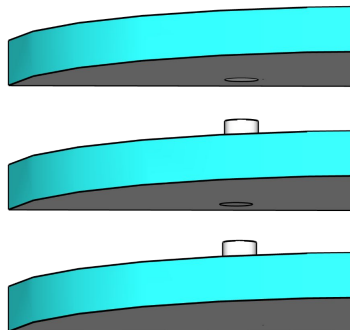
- Resin

The white oak wood is going to be sealed in Epoxy paint which is a type of resin added inside of the paint. To make it waterproof and bring out the colour. This is great for the user as the wood will be primed and super smooth.

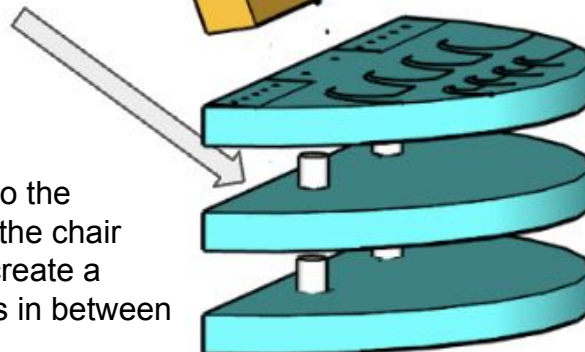


Colours

I used the colour blue for the base of my chair to represent the ocean. To feel as if you are sitting on the horizon as the sun is about to set. The backrest of the chair is bright yellow colours to show the warmth of the sun.



Circular fittings

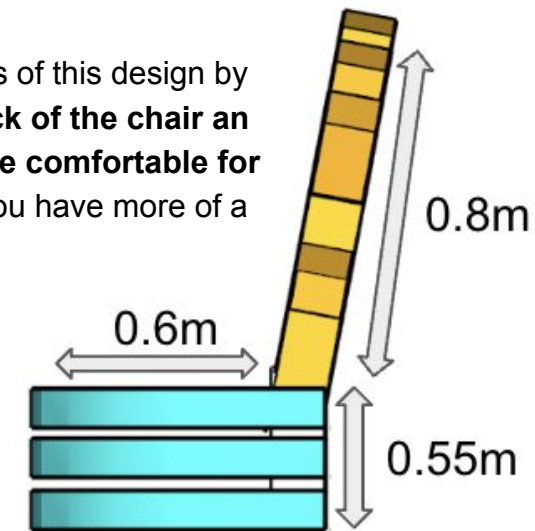


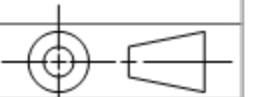
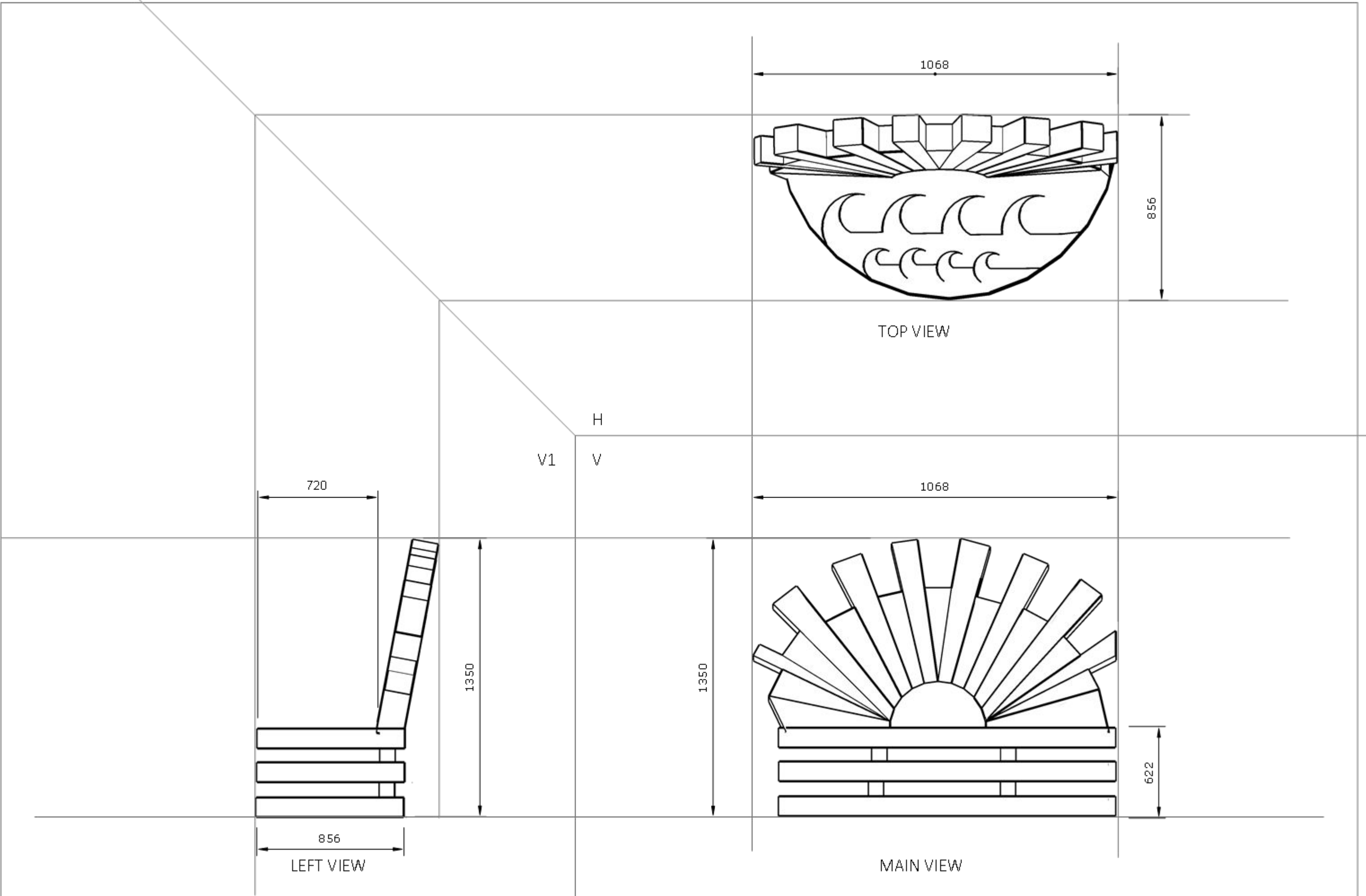
Half of the circular fitting fit into the circular holes created to hold the chair up. The other half is used to create a floating effect and create gaps in between the semi circle chair shape.

Location: Tawharanui

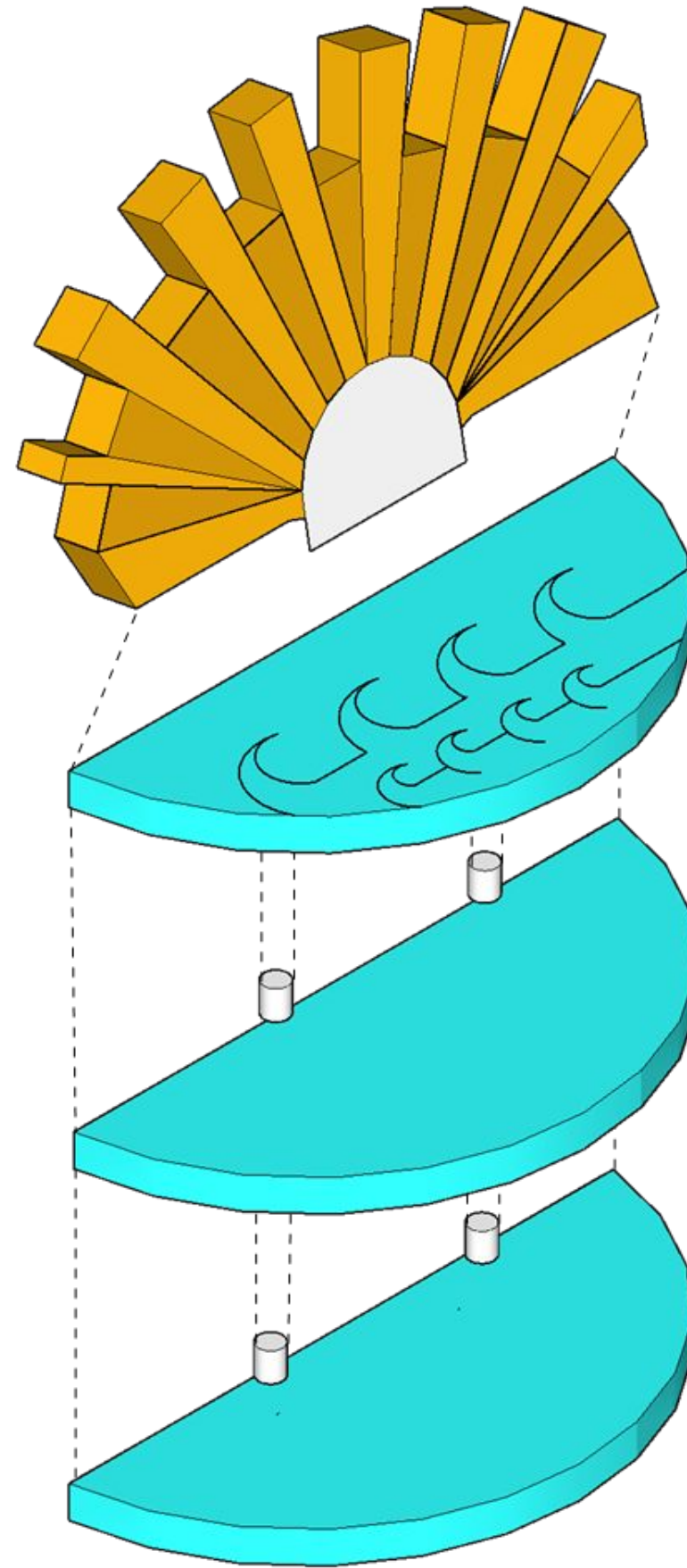
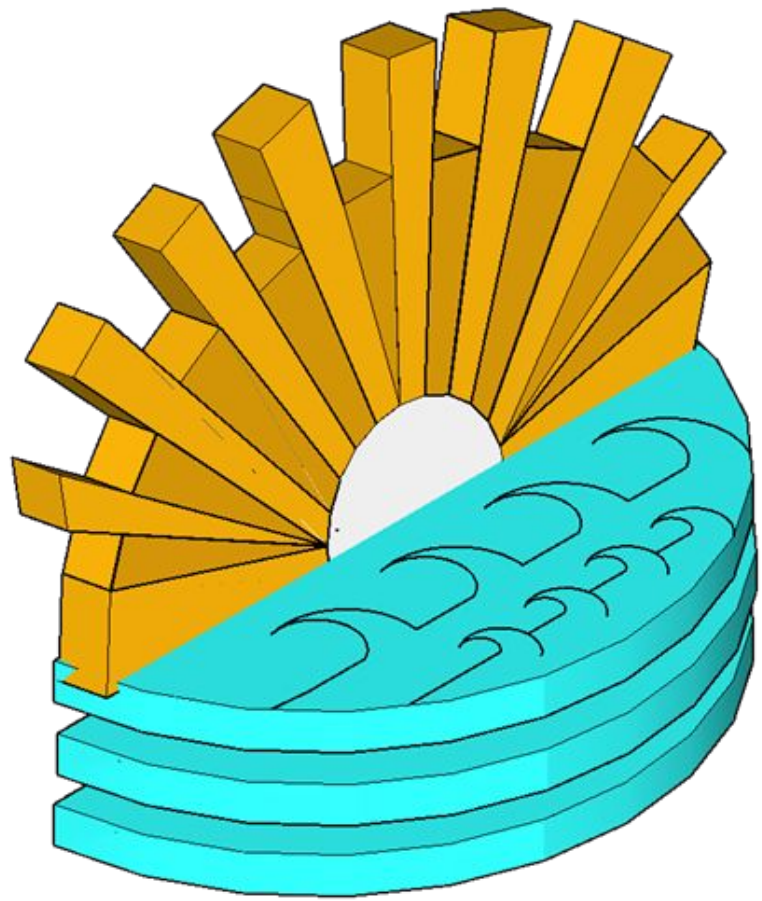


- the ergonomics of this design by giving the back of the chair an tilt this is more comfortable for the user as, you have more of a back rest.





Paraline Assembled isometric
scale : 1:20



Paraline Exploded isometric
scale : 1:20

Achievement Exemplar 2022

Subject	Design and Visual Communication	Standard	92003	Total score	3
Grade score	Annotation				
A	<p>This submission uses both orthographic drawing and paraline drawing methods to present a design for a seat. The orthographic projection is produced using CAD and contains three views. Two views are shown correctly aligned and projected whilst the left view shown is actually the right view. The linework is clear and some main dimensions are shown appropriately. The form of the seat is shown as well as surface detail. The separate parts that make up the seat can be seen. No hidden detail has been expressed. For the orthographic drawing to be at Merit level, hidden detail should be shown including some information about how the parts fit together. The left view would need to be shown correctly projected.</p> <p>Two isometric drawings have been produced that clearly express the form and surface features of the design. It is not recommended that rendering or colour be used on paraline drawings but the linework can still be seen clearly on this submission. An exploded isometric drawing has been presented however it does not express any further information. To move to Merit, the exploded drawing would need to show further detail such as how the connecting rods fit into the seat parts. Further thought needs to be given to how the back connects to the seat.</p>				