

Project A: Creatures of the Deep Blue Sea



Ethan Altshuler



Objective

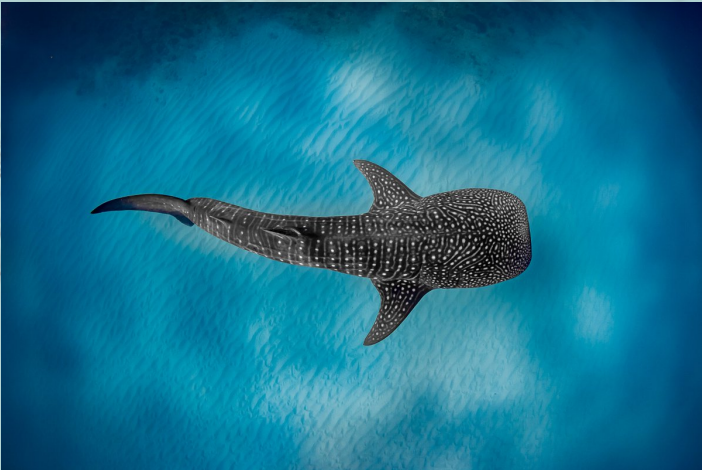
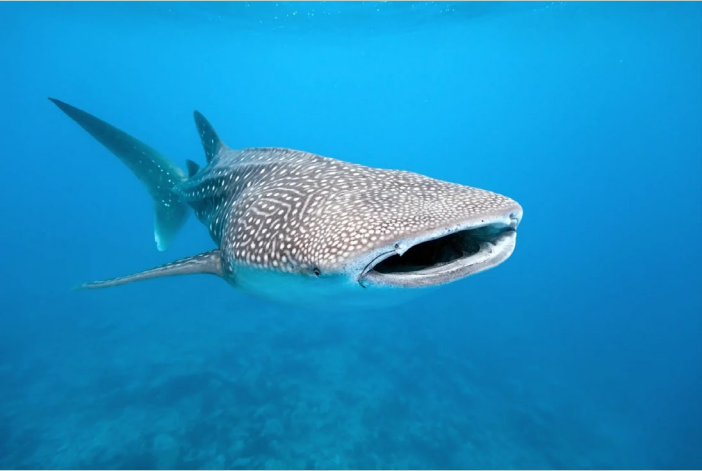
The client, the Georgia Aquarium, located in Atlanta, wants a large-scale underwater sea creature model as the primary focal point for their Ocean Voyager exhibit. However, they do not want something that would obstruct the viewers' attention to the actual exhibit. I specifically chose the whale shark as the featured sea creature, because the whale shark happens to not only be the world's largest fish, but it also happens to be held in captivity in aquariums worldwide, including this one.

I thought it would be best to hang the model from the ceiling outside the shark tank in the viewing gallery circled in red. Therefore, when visitors look up, they can imagine an actual whale shark swimming above them. Plus, seeing a 40-foot wireframe model of a whale shark to scale positioned on the ceiling would enhance the overall experience for guests in a way that would capture their attention upon entering the exhibit.

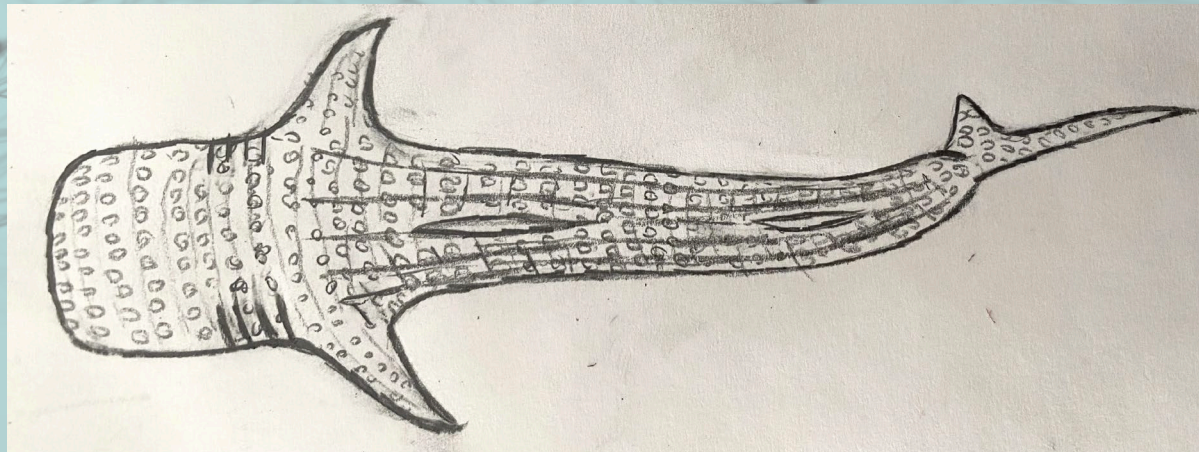
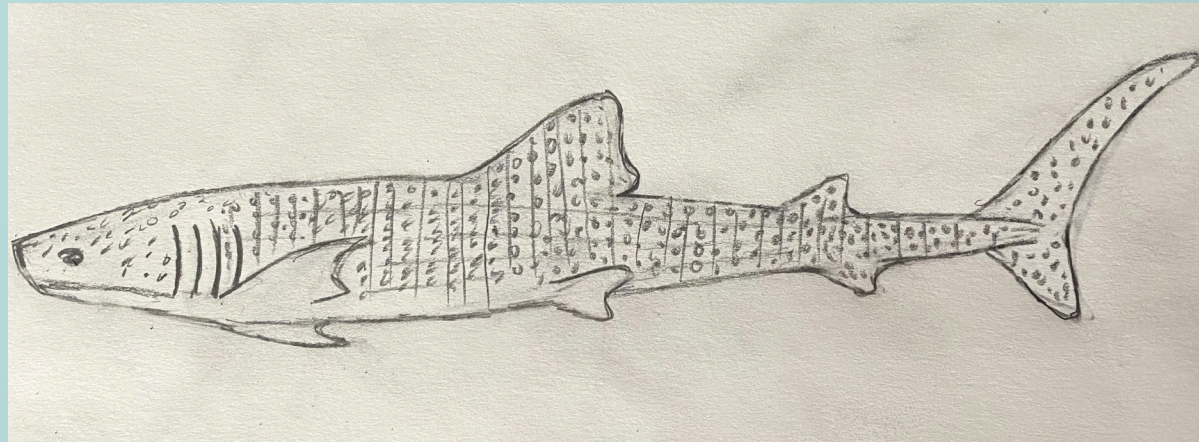


WHALE SHARK

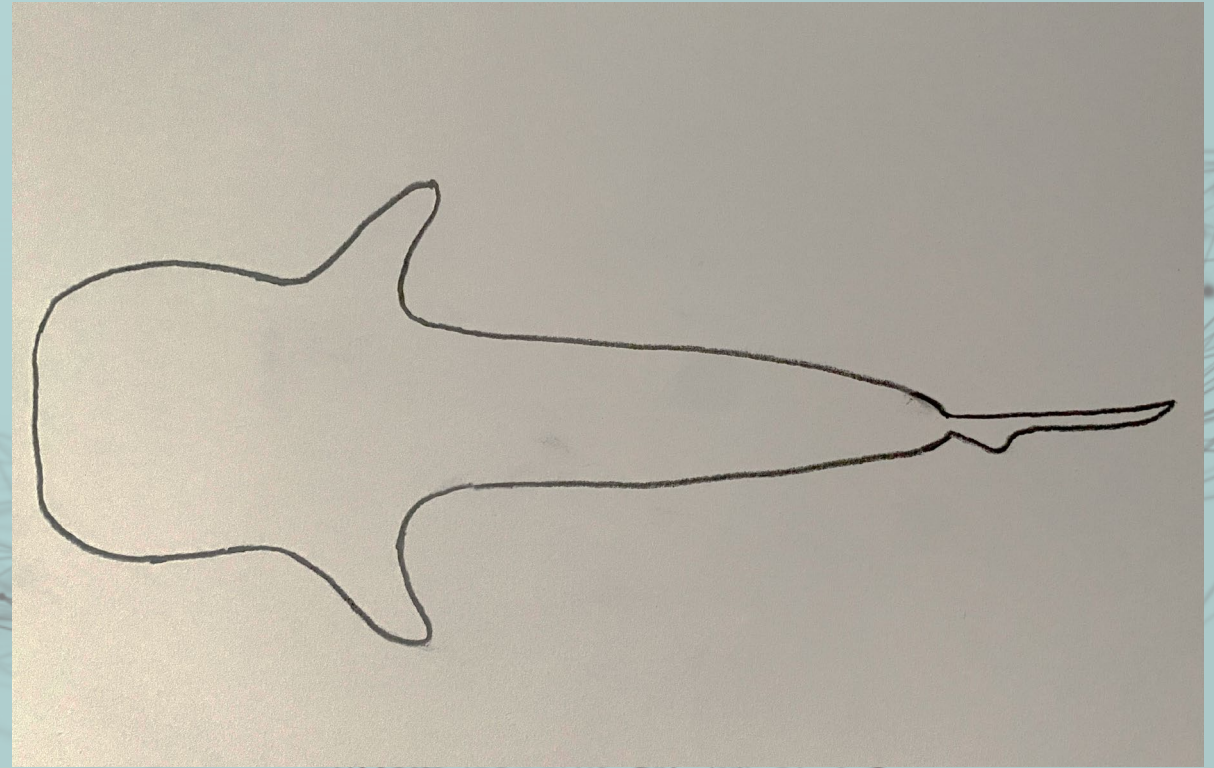
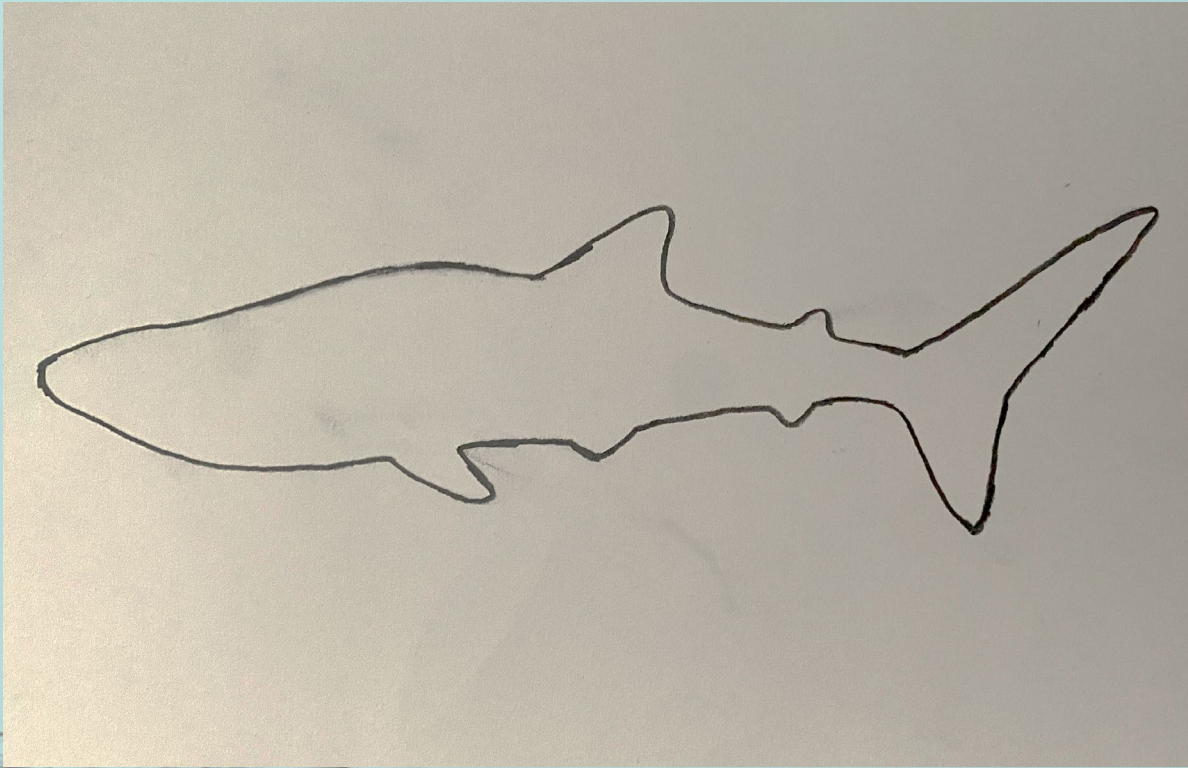
(*Rhincodon typus*)



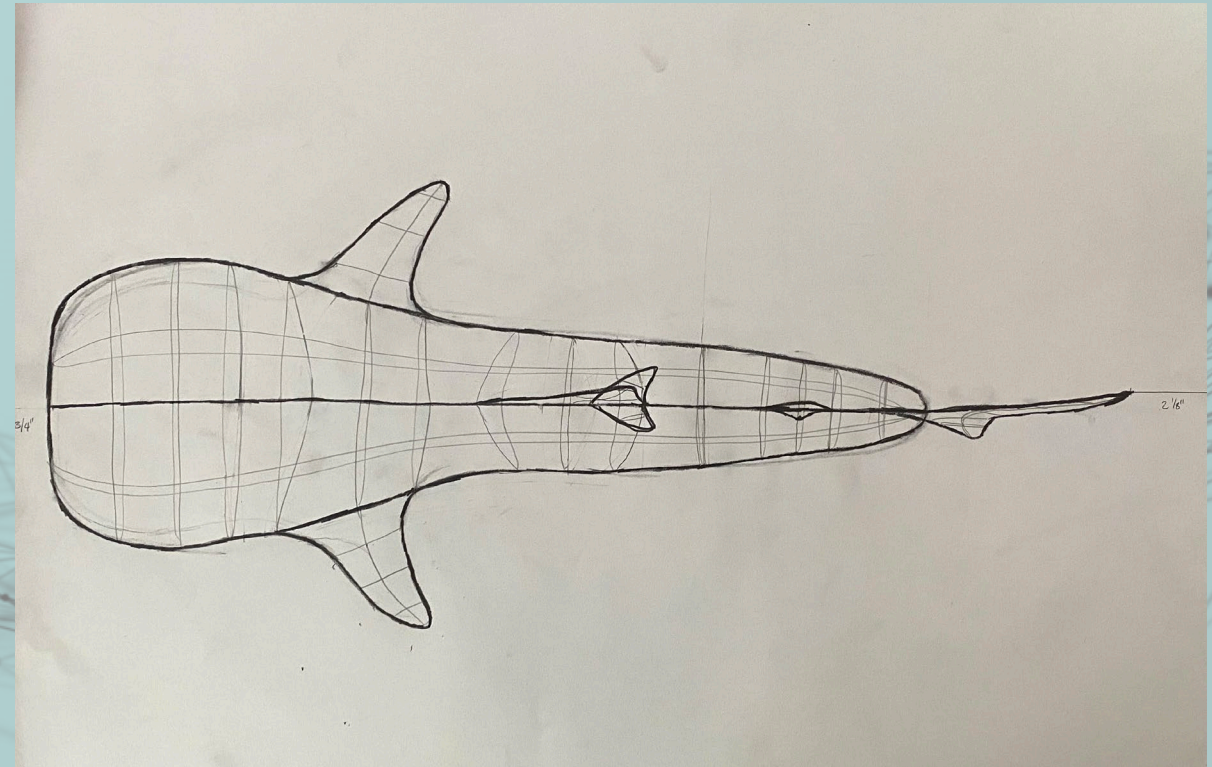
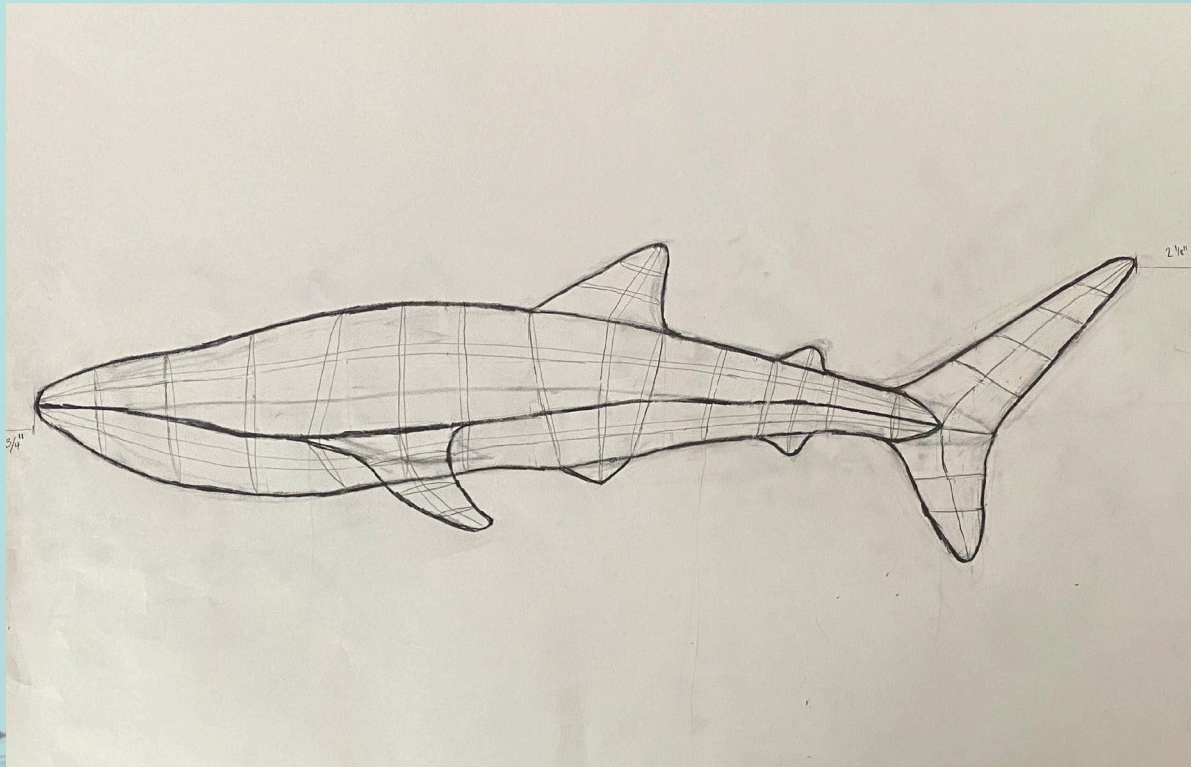
Preliminary sketches



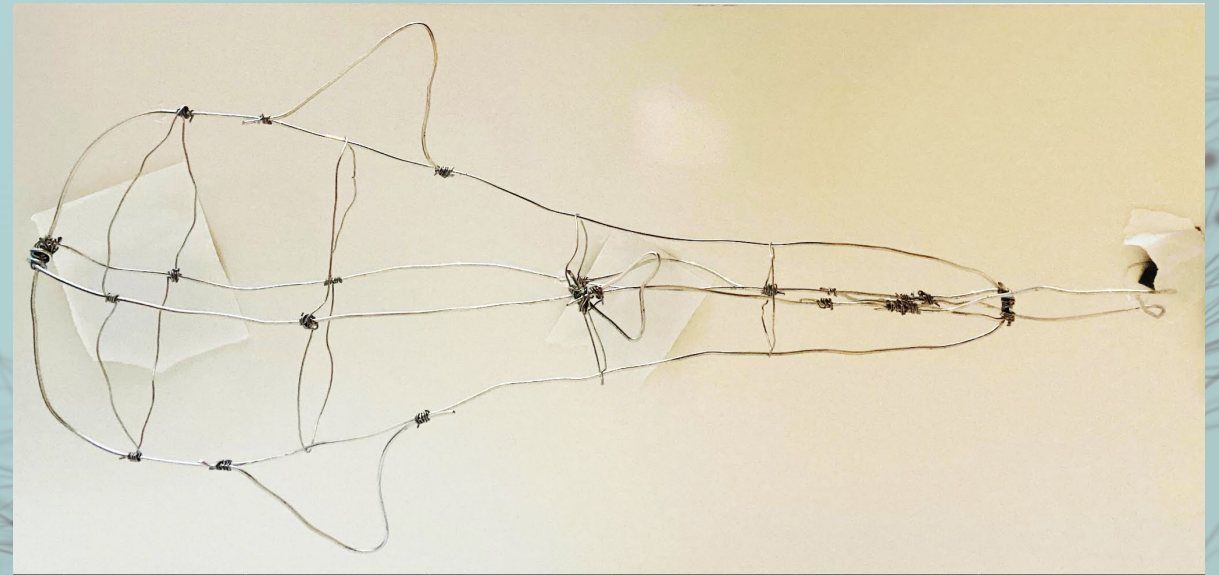
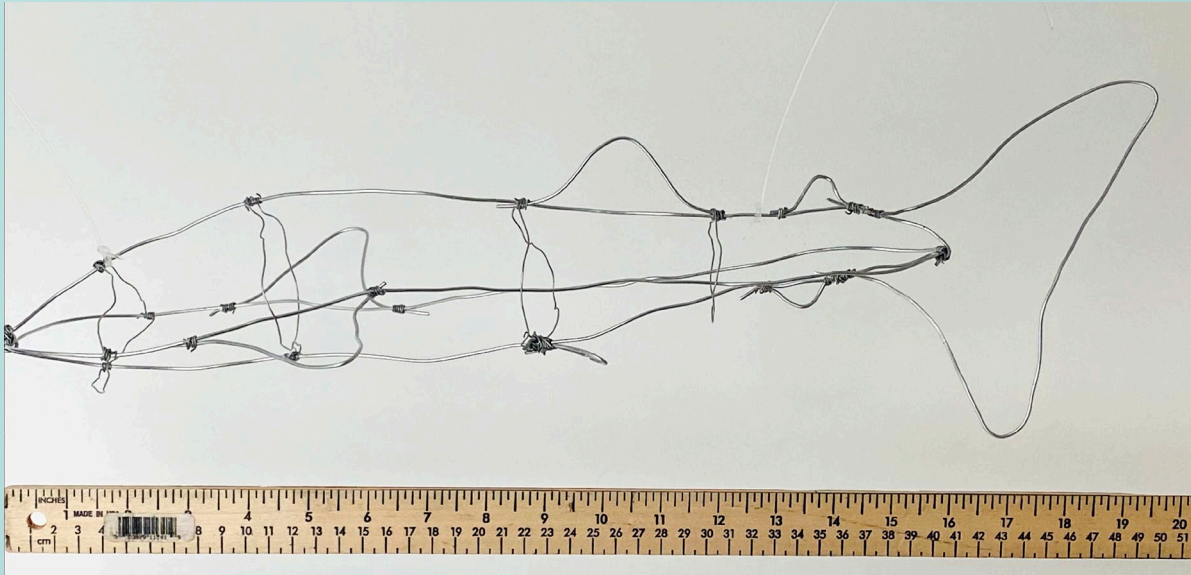
Form Outline



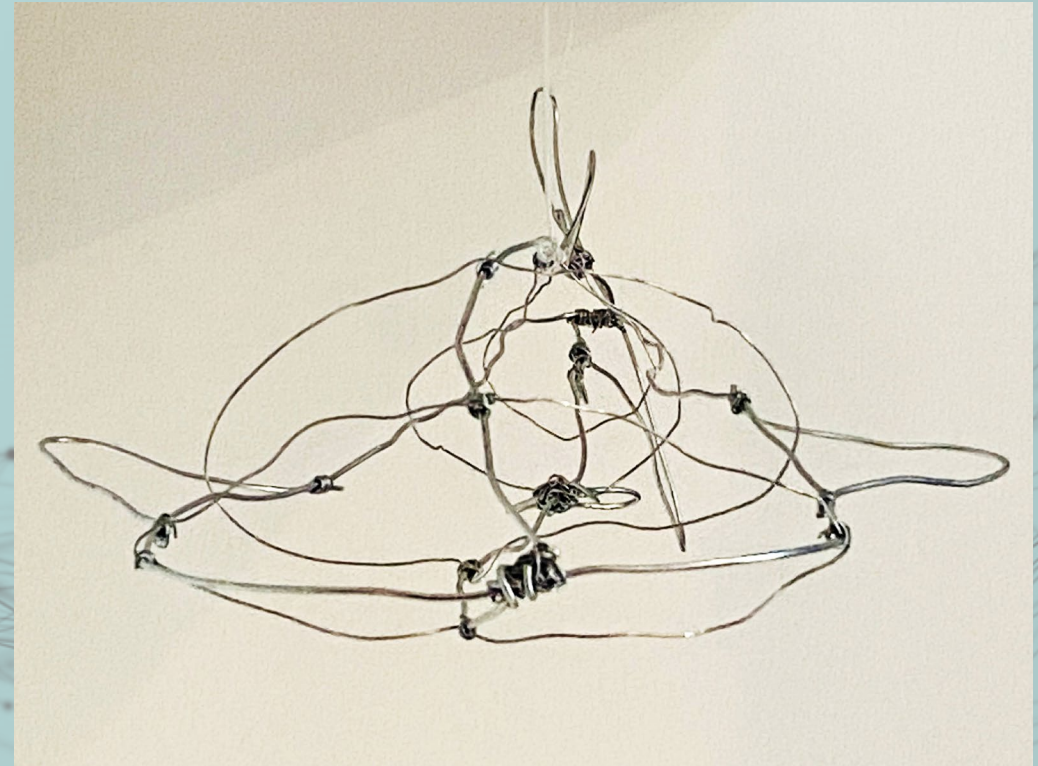
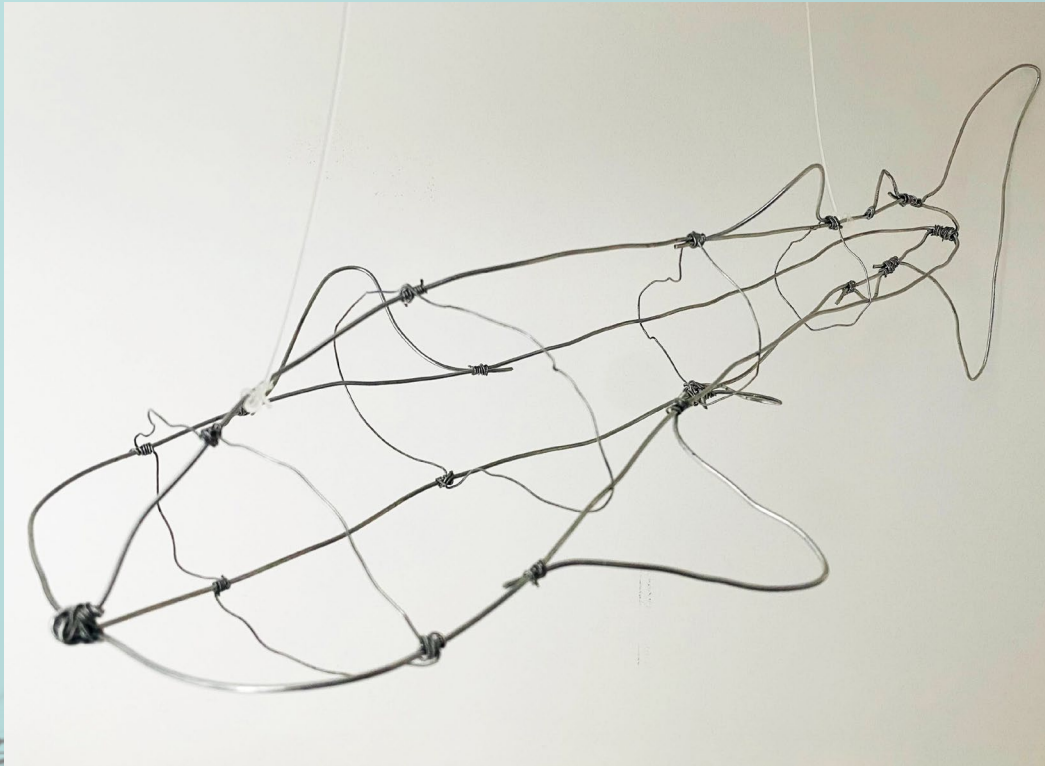
Linear analysis



Photographed wire model

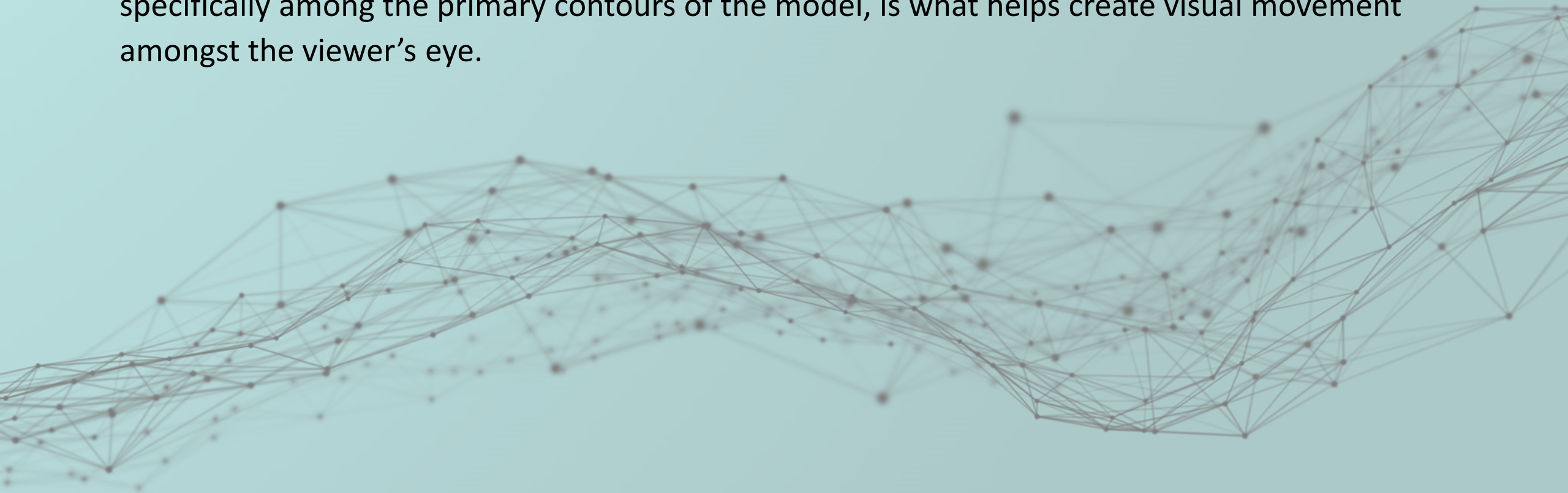


Photographed wire model



Further commentary

The elements and principles of design that are employed to achieve my goal with this model are line and continuity. Line is what defines the model's basic form. The line's continuity, specifically among the primary contours of the model, is what helps create visual movement amongst the viewer's eye.



Closing slide

There are so many interesting things about the whale shark that might just blow your mind!

- Whale sharks are harmless towards humans
- They are estimated to live over 100 years
- They are filter feeders, which means they cannot bite nor chew, and only consume small shrimp, fish and plankton
- They have roughly 3,000 microscopic teeth in total which ironically are not used for digestion
- they are ovoviviparous, meaning they lay eggs which hatch inside the adult's body, and the babies are born live. a whale shark can carry up to 300 embryos upon pregnancy, all of which develop at varying rates

Sources

<https://www.wwf.org.uk/learn/fascinating-facts/whale-sharks>

<https://www.livescience.com/55412-whale-sharks.html>

<https://www.travel4wildlife.com/do-whale-sharks-have-teeth/>

<https://blogs.ntu.edu.sg/hp3203-2018-23/sample-page/did-you-know/>

