

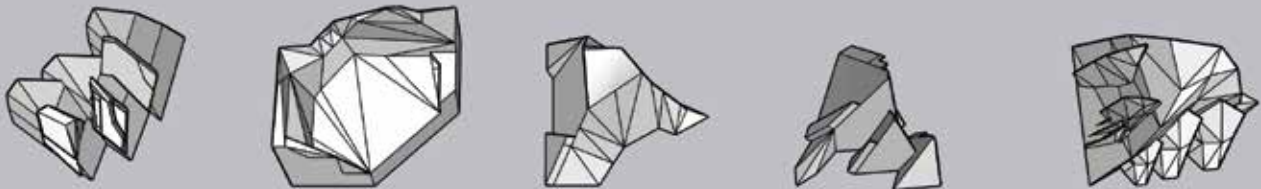
Aidan McLaughlin

**ATLAS 3100
Form**

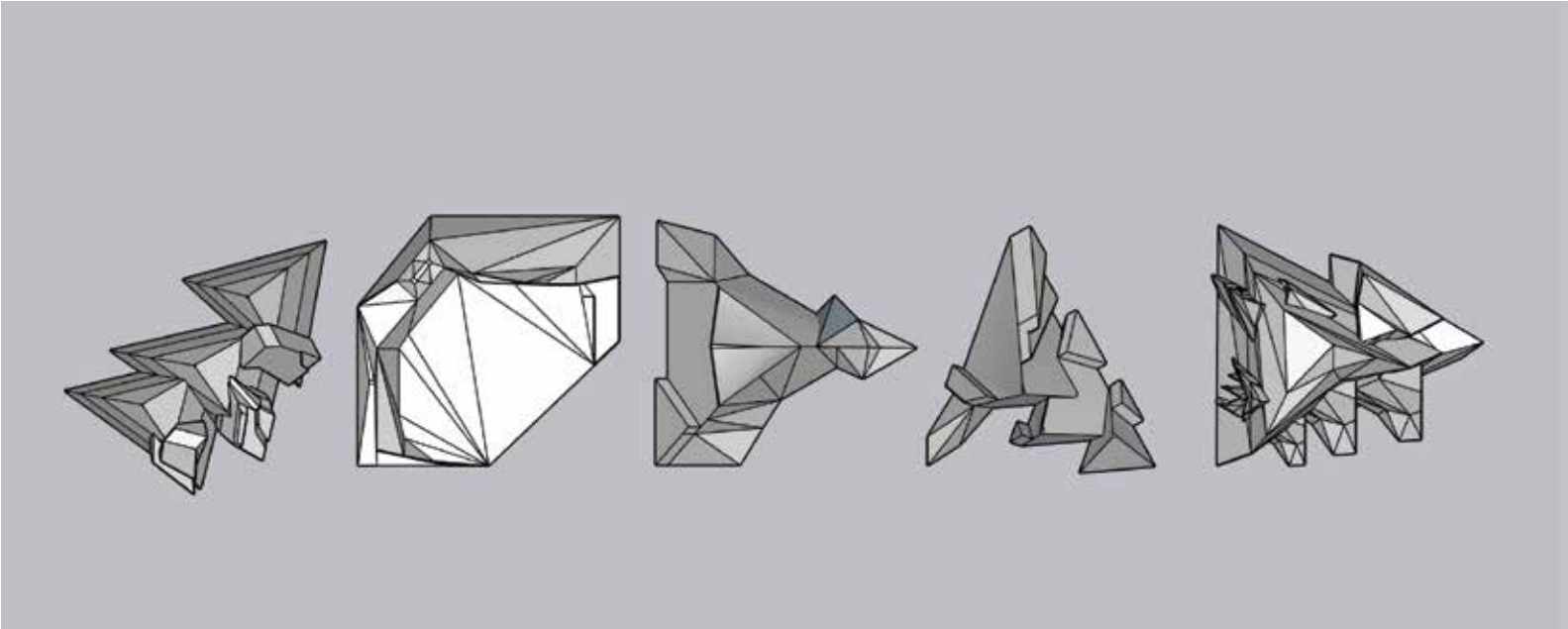
Final Project

Tuesday, April 21st, 2025

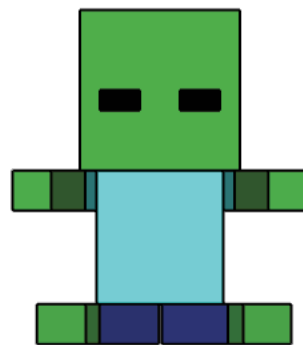
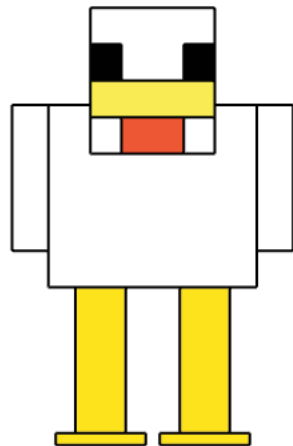
Persepctive Views



Top Orthographic View



1.15 in 1.15 in 1.15 in 1.15 in 1.15 in



1 in 1 in

Takeaways

Your chess set should be stylistically cohesive.
CHECK!(the chicken jockey is cohesive because it goes with the semester)

Your six physical chess pieces can be made from any material you choose, but their level of craft must be very high. They should look and feel good.

CHECK!

Your physical chess pieces should be no smaller than 1.25" high and no larger than 5" high.

CHECK!

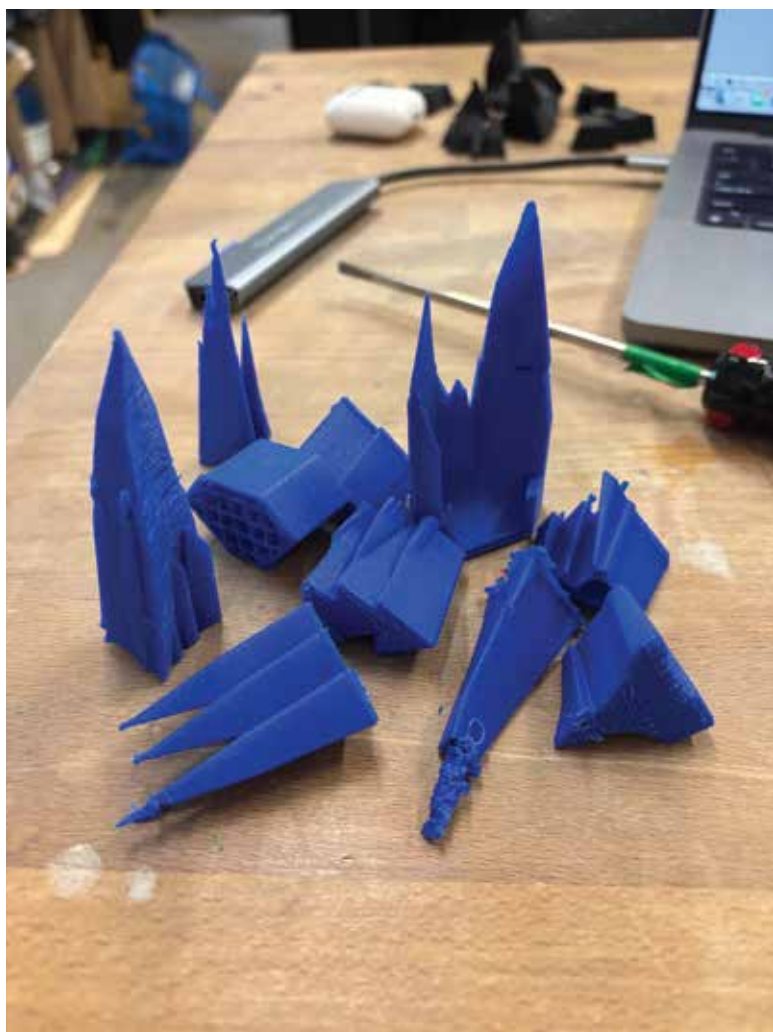
Your physical chess pieces shouldn't feel too light. You should be able to place them down and feel confident that they'll stay where you put them.

CHECK!

Your board box should do double duty as a chess board and as a box to contain a full set of 32 pieces. It should be well made and should have a handle.

CHECK!

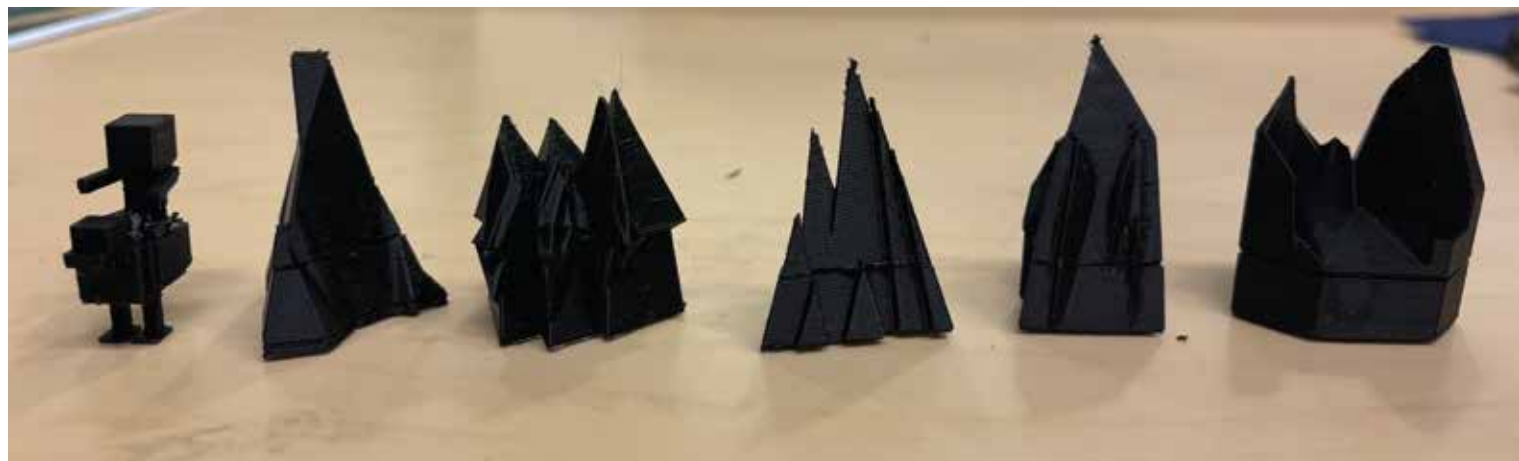
I HOPE WE PASS THE IN CLASS TESTS!

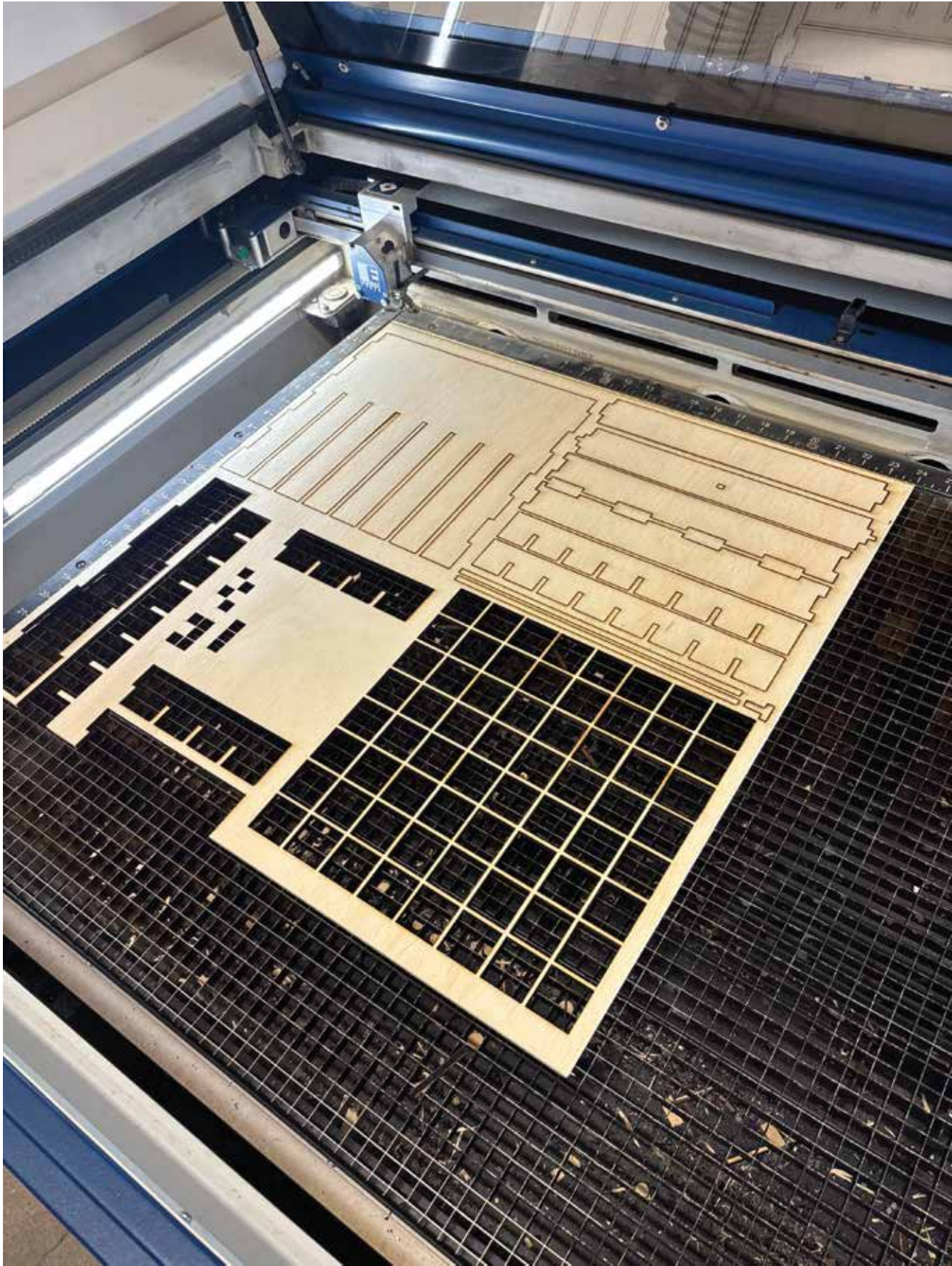


First two iterations







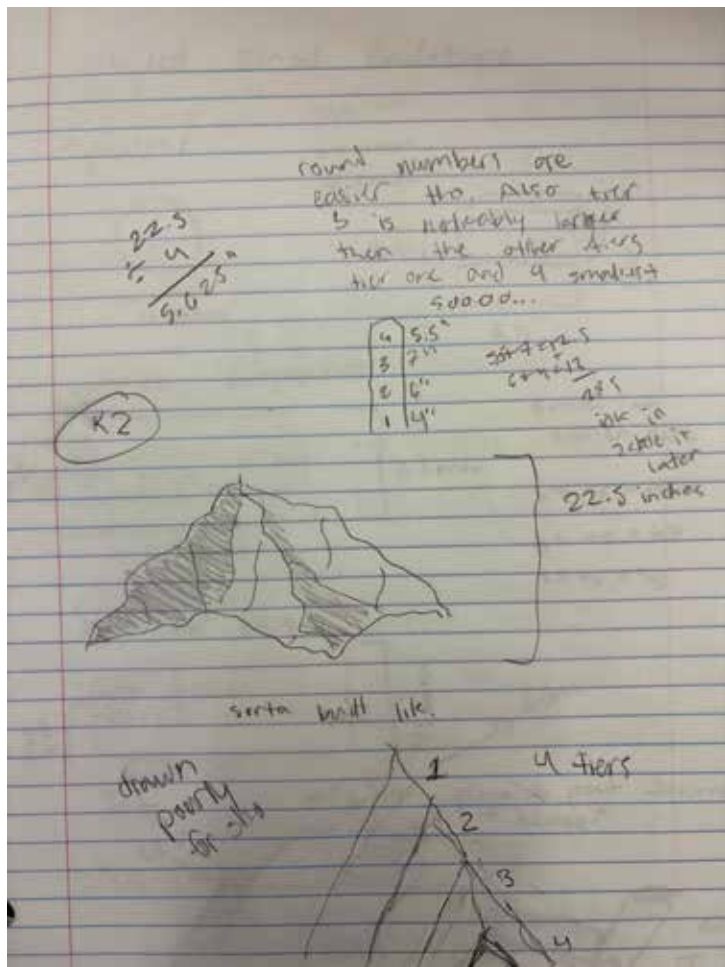




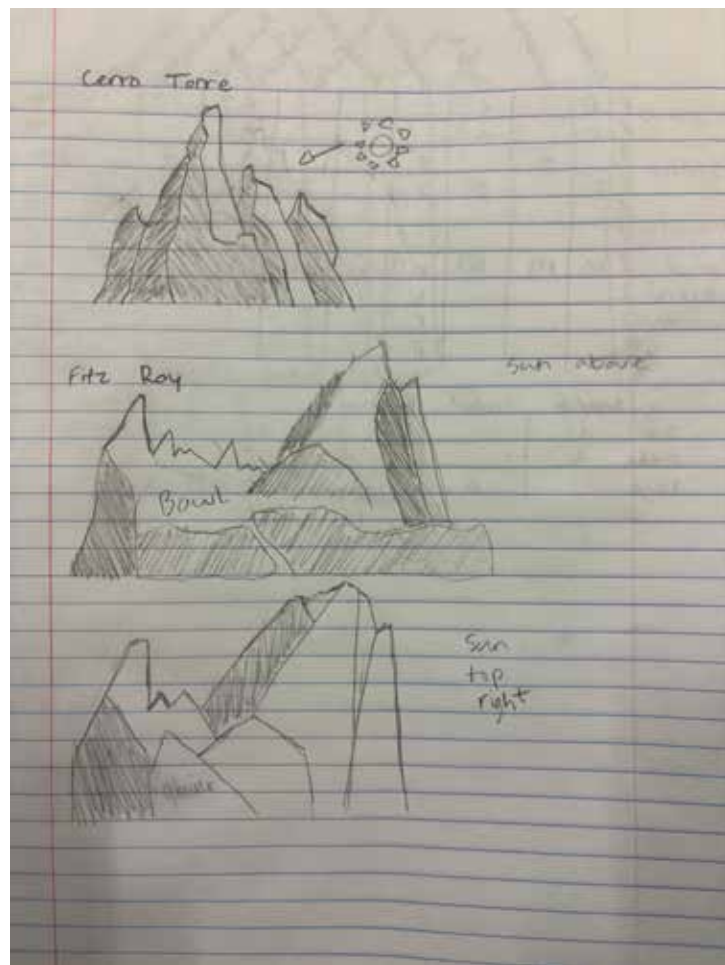








Progress Journal



So the first print of the mountains is banging. However, a small peak of Cerro Torre broke off and they are too wide
lets reprint.

SWAG! These things look way cooler I made them way wide and wayyy taller

OK after consulting with Witt we are gonna make the mountains a touch skinnier and about half as tall. we decided to make our chess board smaller as well.

OK the 3rd iteration of mount are perfect but the chicken jockey is now too big

gonna reprint the chicken jockey at half the size and make its legs bigger because they broke off last time

while that's going lets laser print

OH MY GOD I HATE TAKING the support plastic off my pieces it hurts my hands

Do NOT USE SAND PAPER to fix and smooth out plastic

It doesn't work

OK im gonna reprint the last icons to see if I can make them look better

Trying to recalc this is a bitch

OK they are all printing now

So the hole I made for the weights in the chess pieces are a touch bit small

I am only able to fit one small fishing weight in the hole but it should still work.

The super glue is going hell a well

FUCK A LASER PRINT

This shot is so hard
thruze god with is here.

OK so we fucked up
and cut through the wood
instead of just burning an
imprint on it.

Lets run it back.

YAY it worked and looks
swag

Time to glue.

The board and box itself is
easy to glue. They already
fit into place.

The little spots for our pieces
are super tedious to glue.

SO MANY PLICKING
SMALL WOODEN SQUARES
TO GLUE

Yay its done.

Now just got to finish
up some house keeping
things

Lets make it look nice.

FINITO

Takeaways

All in all I think this project went pretty well. Except for the part that my computer decided to be as mean as possible and delete my documentation TWICE!

Of course there are things I would change. Firstly, I would not make natural looking mountains as chess pieces especially in sketch up. It was really REALLY hard.

Secondly, I would make sure your measurements are perfect especially for the fishing weights that you are going to add to the pieces. You can't change how big the holes are once they are printed.

Lastly, I would double the size of the piece holders inside the box. Honestly, I would probably just get rid of the dividers all together.

Advice for future students would be to gather all their materials first. If you need what materials you have its way easier to plan out your project. Also, this prevents