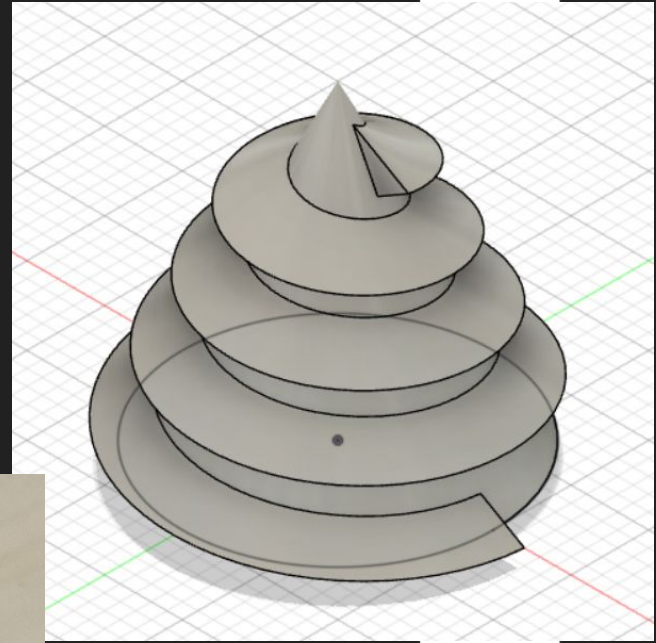
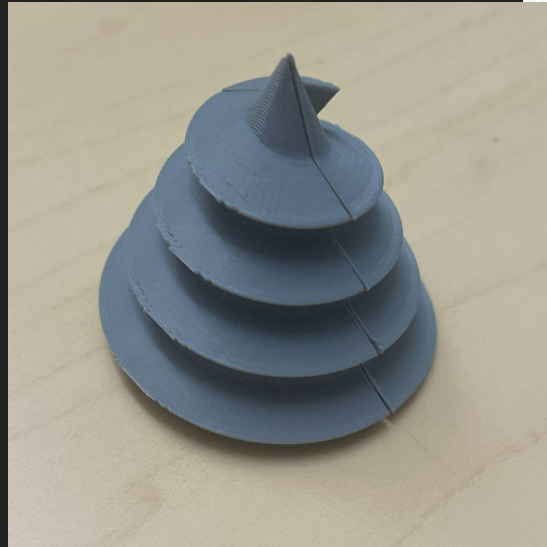
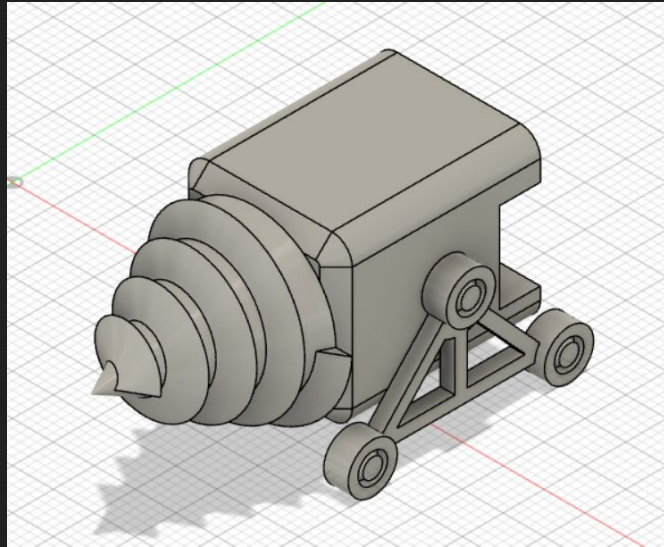


My Best Design

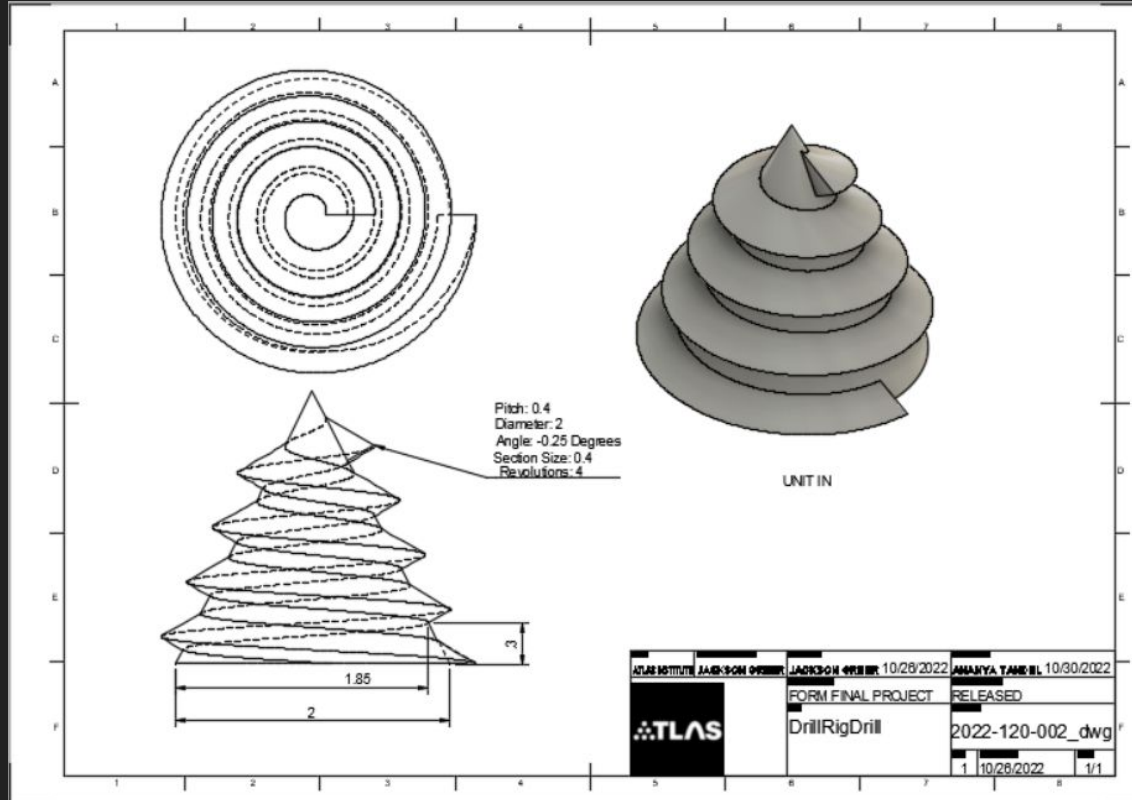
Jackson Greer

The Drill Rig Drill

This piece is the head of the drill rig vehicle which will be located on the bottom floor of our world. Its spiral shape will help it move rocks out of its way as it traverses the underground landscape.



Engineering Drawing

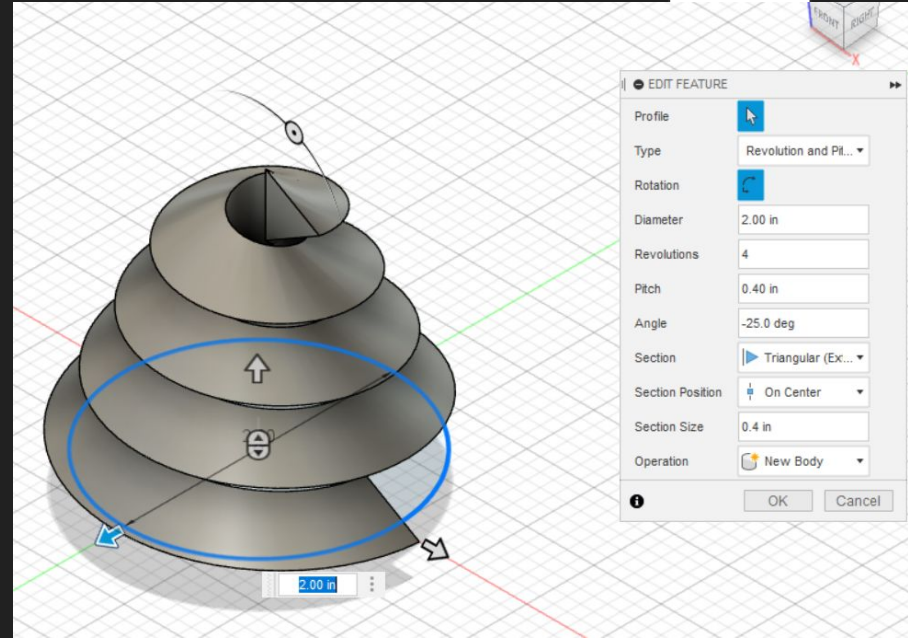


Experimentation

This is my favorite design not because it is complex but because it took a lot of experimentation to get it to look right.

I originally started with a cone and tried to wrap the threads around it but I couldn't get it to look how I wanted it too.

Through a lot of trial and error messing around with different taper angles and other thread details I was able to get something I liked, then I added the cone at the end.



Reflection

If I was given another chance I would look into other filament colors to avoid having to paint this part before the final.

I would also have printed it as one solid part so that I wouldn't have the noticeable crack where I split it to print.

