Feb. 22, 2021

Finally filled out my papers to join the science fair! I am putting together a list of materials to create a working prototype, which should be done by the end of the day. With some luck, the prototype will be ready in a week or two.

Feb. 26, 2021

Went to pick up materials for the prototype, current materials: aluminum flat bar, cylindrical wooden pole, bike pole, cabinet lock, plywood.

Mar. 1, 2021

Started the construction of the prototype, the flat bar has been measured and will be cut tomorrow.

Mar. 2, 2021

Cut and filed the flat bar, drilled a hole in the bike post for the cabinet lock.

Mar. 6, 2021

Cut holes in the bike post for the arms to go in.

Mar. 10, 2021

Updated my slides presentation to include my prototype-building-process

Mar. 12, 2021

Rendered an updated 3D model for my new design. This one will represent the design of the prototype that is currently being built and include a look at the locking mechanism.

Mar. 14, 2021

The prototype is done!!!

Today the prototype was completed, the cuts in the arms were made, and then the arms were attached with a pivot gun.

Mar. 15, 2021

Made speaking notes, adjusted presentation.

Mar. 16, 2021

Finished most of the requirements page, just 3 more items to fill out.