

1/27/2020

Did research on a possible semester 2 project

1/28/2020

Decided to continue the dumping bed prototype

1/29/2020

Did research on the problem of having overly heavy duty dumping beds and not having lighter utility trucks

1/30/2020

Did research on cost of materials

1/31/2020

Found a winch and brought it in to see if we could use it within reason if we needed it

2/1/2020

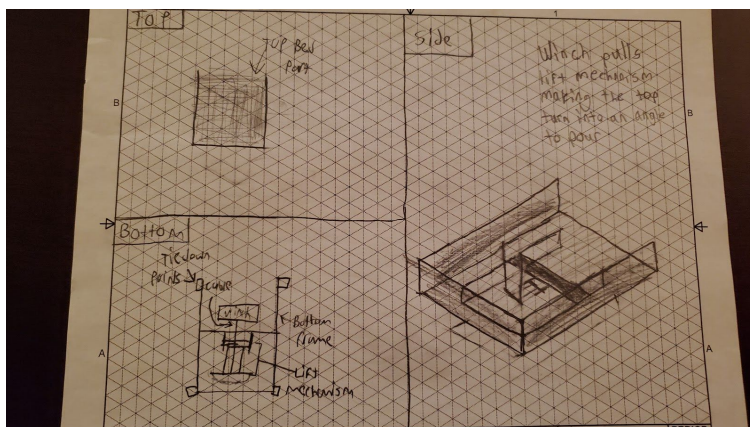
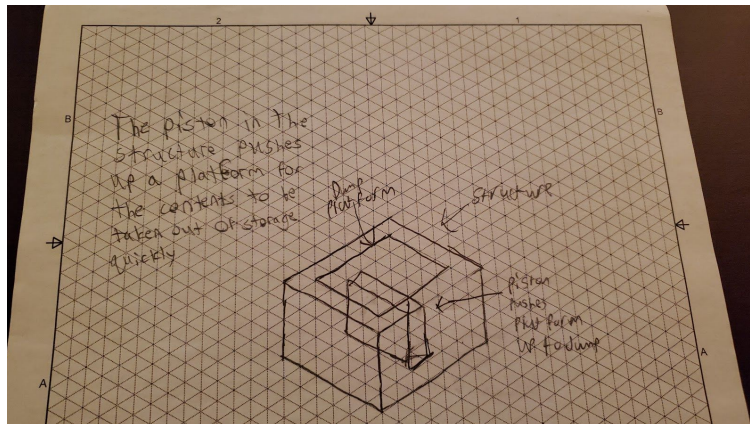
Weekend

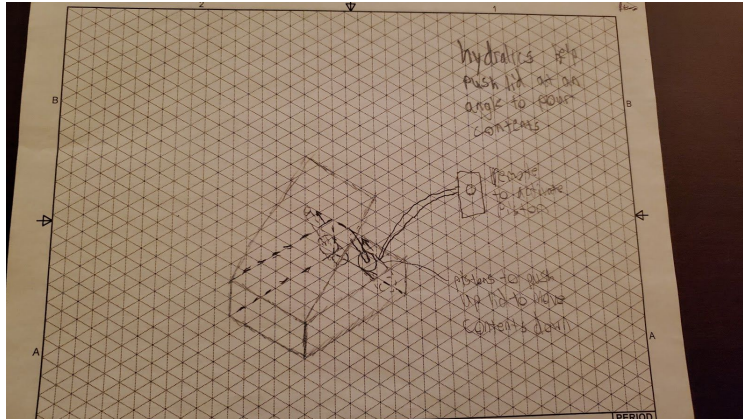
2/2/2020

Weekend

2/3/2020

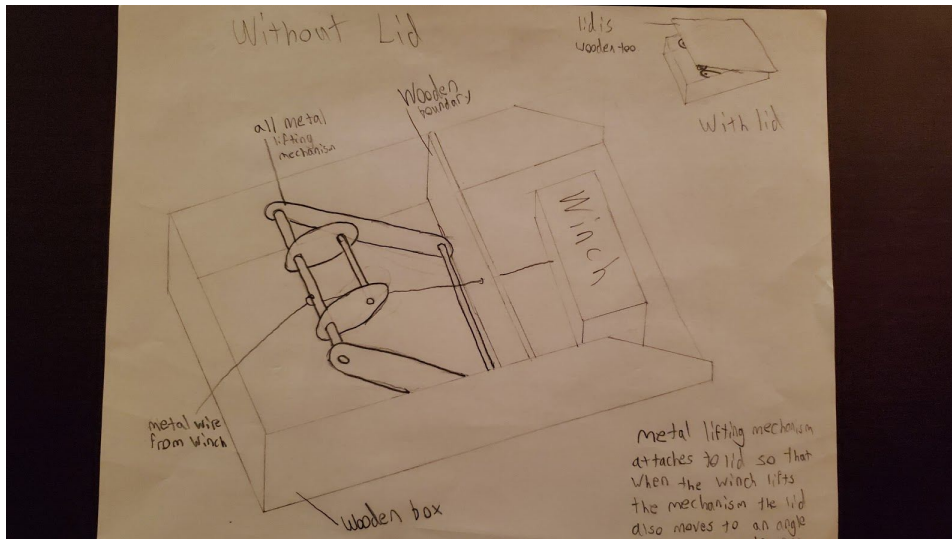
Made 3 Design sketches: one was a box that could lift materials up and then be tilted, another used pistons to create an angle for materials to fall off, and the last one used a winch to make a lifting mechanism work





2/4/2020

Made decision matrix and found that the third design that used a winch and the lifting mechanism would be best to do. Then we did the final sketch and started on the working illusion



2/5/2020

Continued working on the working illusion

2/6/2020

Finished the working illusion



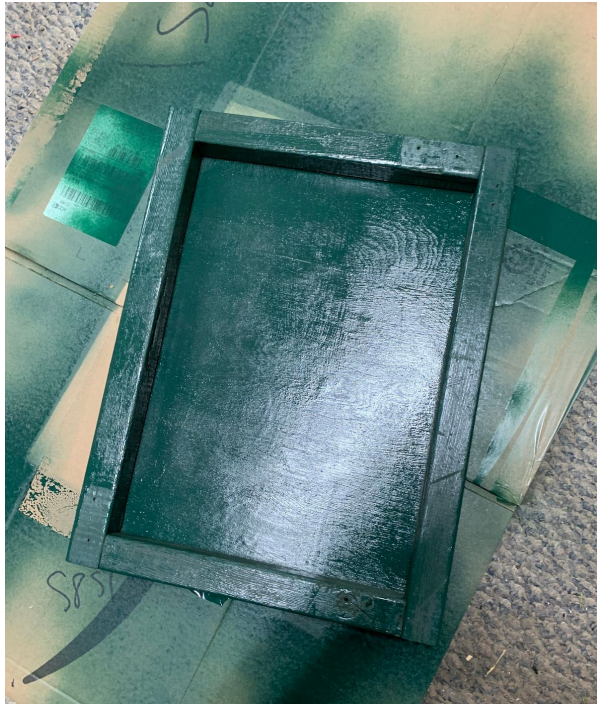
2/7/2020  
Finished CAD



2/8/2020  
Weekend  
2/9/2020  
Weekend  
2/10/2020  
Started Poster board slide show  
2/11/2020  
Worked on Poster board slide show  
2/12/2020  
Finished Poster board slide show  
2/13/2020  
Worked on prototype 2 and its frame  
2/14/2020



Finished prototype 2 frame continued with lifting mechanism



2/15/2020

Weekend/Finish wiring for lifting mechanism



2/16/2020

Weekend

2/17/2020

Finished poster board

2/18/2020

Finish Video Pitch