



Hidden Storage Bench Capstone

Nirel Woodson



My Capstone

My capstone project is a hidden storage bench that will replace the bench currently used in my rec center, Marian Anderson. This hidden storage bench will fit the current dimensions of the current bench. This bench will allow room for sitting while also storing equipment for baseball.



Inquiry Question

How can I maximize the hidden storage space in a bench while ensuring it meets the requirements of space allowed?

Contrants:

- Has to be < 77" x 18"



01

Process



Tools and Materials

(3) 2x4x8 Lumber- 12\$

(1) 3/4" Sanded Plywood- 35\$

(3) 1x2x8 Boards- 13\$

(3) 1x4x8 Boards- 27\$

1 1/4" Pocket Hole Screws- 11\$

3" wood screws- 12\$

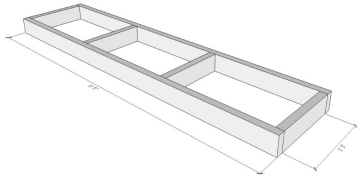
2.5" Wood Screws- 12\$

1.5" Brad Nails- 19\$

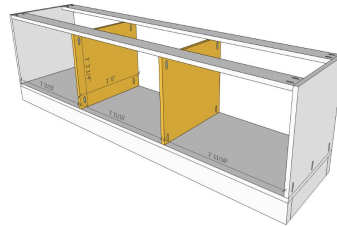
Cost: 258.80\$

3D CAD Models

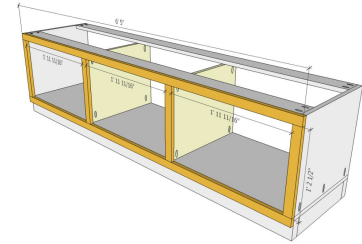
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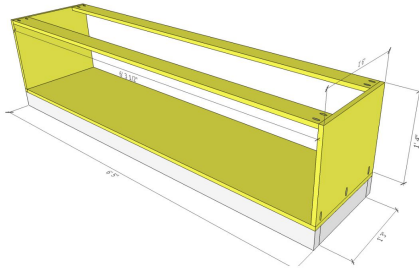
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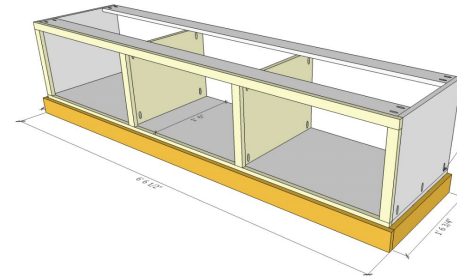
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2.



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Construction



02

Reflection



If I could do this capstone again I would have better preparation in doing woodworking. I went into this capstone with little to no experience in woodworking which led me to a lot of setbacks and time wasted throughout this process.

Thanks!

Do you have any questions?
nwoodson24@scienceleadership.org