

Cub Manufacturing News 3/4/16

Welcome back to another fantastic week at Cub Manufacturing! We want to thank you for taking time to participate in our survey. We had 5 responses and here is what we learned from your feedback:

- You are not as interested in detailed project timeline information.
- You are interested to know what kind of problem solving techniques we use and how they are applied.
- You enjoy receiving Cub Manufacturing News!

Based on some feedback, we thought we would try a different layout for our newsletter.

Here are our project updates for this week:

Chicken Grill:

We have finally finished the second prototype of the chicken grill. We actually changed the design of the tray portion of the chicken grill. The piece can now lock into place to cook one side of the meat. While the name may be deceiving, the grill is not just for cooking chicken. With this design, you can cook hamburgers, sausage, or vegetables on the tray. The Chicken Grill runs on charcoal and is made to be used outside due to the charcoal fumes are bad for your lungs if exposed too much. You are able to use the grill on patios, at campsites, tailgates, or parties. The grill can be carried or rolled due to the wheels it has at the bottom and can be placed in the trunk of a car or in the back of a truck.

Some of the concerns we had with the initial design of the chicken grill was it was too small, difficulty keeping everything plumb and square, and finally there was the tray part to work through. We solved these problems using trial and error through different design methods and research. We kept making parts of various sizes to see which would be right for the project. The tray we had made multiple designs to see which would be the the best for cooking meat and vegetables.

Super ATV Gas Rack:

The Super ATV project has a week or two until completion. We are awaiting the roof that will protect the gas canisters from the elements. With this feature, the gas rack can stay inside or be put outside. To recap, the purpose of the the gas rack is storage; one side is where they place the gas at the time of delivery and the other side is for the empty canister that get picked up and refilled.

Club for Teens Table:

The table we made for a church that is being donated by The Club for Teens is nearing completion, we are waiting for more material and stain. The church table has the first coat of stain on it and once dry, will receive the second coat. The second table is now being made. We are still waiting on material to come in to finish the first table and finish the second one off.

MJHS Keys and Coat Racks:

We are still awaiting confirmation from the Madison Jr. High School to make the keys. The coat racks were delivered earlier this week.

City of Madison Bike Racks:

We still have not heard anything from the City about which designs they would prefer.

McDonalds Signage:

We have finished the second prototype of the McDonald's sign. This job was a great opportunity to look at an original design and determine how to improve design and structure to see if we could address some repair concerns with the new sign that had developed over time with the original design.

Advantage Auto Solution Tire Rack:

Our 3D designer Alex Sage has begun designing a tire rack for Advantage Auto Solution. The tire rack for Advantage Auto Solution will be ten feet in the width, eight feet tall, and we do not know the depth yet. As soon as the information arrives you will know.

We hope that everyone had an awesome week and enjoy your week end.
Peace!!!!!!!

Be sure to check out our Facebook page @Cub Manufacturing

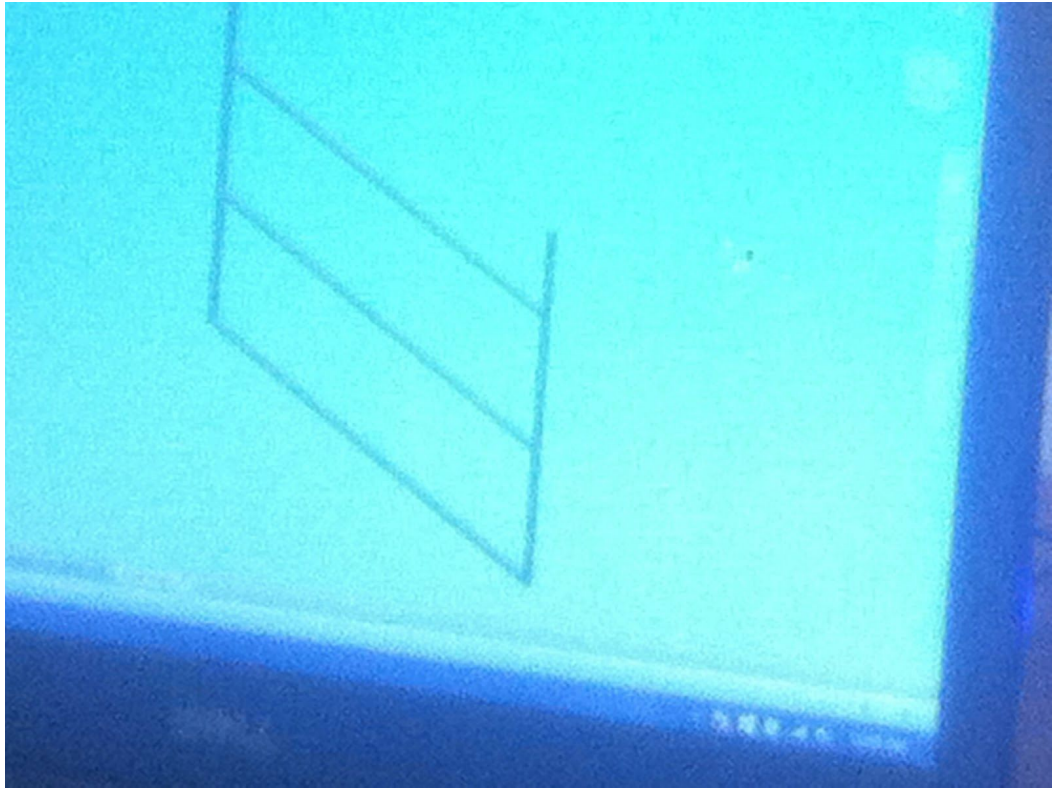


The first coat of stain on the church table.





All the different angles of the finishes second prototype of the chicken grill. We have yet to test it.



The beginning of the design for the tire rack for Advanced Auto Service.