

Eagle Project Day Two Report

1 Attendance

- Falcons
 - Andrew Jin
 - Michael Chow
 - Howard Chen
 - Ruiqi Wang
- Wolverines
 - Nicholas Chen

2 The Goals

The goal of Day Two was to finish assembly of the second lectern, and then to cut and attach all of the trimming and thereby finish up the woodwork necessary in the project, in preparation for staining/varnishing on Days Three and Four.

3 What Happened

Day Two started out on a somewhat depressing note, as only one scout (Andrew Jin) showed up to help out in the morning shift. Nevertheless, we got to work on the various pieces of trimming needed for the first lectern, testing out the methods that could be used to mount the wood and cut it to the right shape.

The method that I settled on using was going piece by piece and cutting out intersections with the miter saw, which could cut reasonably close to a forty-five degree angle. Despite a number of mistakes—the pieces had to fit exactly—we were able to complete the first lectern within a couple hours. After a short break, we began to put together the parts for the second lectern.

Andrew and I were able to glue and nail most of the top piece by the time we broke for lunch, which was also when the afternoon shift scouts started coming in. As such, I was able to split people up into two groups, one to finish constructing the frame, and another to cut and fit the trimming on the completed parts. We spent some hours working through the various steps of the processes, though more quickly than Day One—experience with the common mistakes and how to avoid them helped significantly in putting it all together. Most notably, making sure things were well aligned from the beginning made it much simpler to get the trimming on afterward, and made sure that the final product looked good. Also, waiting to put the topmost piece on made attaching the middle to the top a much simpler affair, little more than screwing the two together.

By around 3:30 PM, we were ready to connect the three primary parts (top, middle, and bottom) of the lectern together, so we merged everyone together into one group. The actual attachment took about fifteen minutes, so we continued on to finish the rest of the trimming, mostly on the top. Since the topmost trim was of a different size (and was in limited supply, with only a few inches spare), we began to work much more slowly, making sure to avoid mistakes. At around 4:10 PM, though the top wasn't done, I split the scouts up again to have them begin cleaning up the scattered bits of wood and various tools lying around on the floor.

We were able to finish about twenty minutes earlier than scheduled, so we spent the time to take a few pictures (see Part 5) of the completed product. Both lecterns are currently ready to be stained, which we will do next weekend.

In short, Day Two was successful, despite the lower turnout as compared to Day One—the experience I had from putting the lectern together in Day One helped me plan out Day Two more efficiently, and so we were able to finish everything in time.

4 Acknowledgements

I'd like to thank Mr. and Mrs. Wang, Mr. Jin, and all of the other adults who showed up to help supervise my project. Your contributions were an essential part of making today successful, and I greatly appreciate the time you have donated and effort you have spent.

I'd also like to thank all the scouts that showed up, as it is their effort that made today successful—I couldn't have done it without you. I would like to especially thank Andrew Jin, as he was the only scout to show up for the morning shift, and nevertheless enthusiastically worked on the project and helped us finish ahead of schedule.

5 Some Pictures

















