CAD Lab

One skill we learned this year in Engineering Design was CAD, or computer-aided design. The software we used to accomplish this was SolidWorks. We learned the many techniques of designing a part, such as extruding, lofting, and sweeping, and then how to assemble multiple parts into the finished product. We also learned how to put this finished assembly onto a drawing sheet in the form of multiple views. Our final project for CAD tasked us to design any object of our choosing with at least 5 parts. I chose to do a pool table, and below you can see my finished assembly.

A sample drawing sheet.  

My individual CAD project.