I chose to recreate a trumpet on SolidWorks because I am a musician, I have played the trumpet for over 5 years and I have had a lot experiences in performing with my trumpet, from parades to parties and now to the Penn State Pep Band. Music has always been a big part of my life, my father is also a musician but plays the trombone. He gave me my first set of maracas at the age of 4 and it all took off from there. Throughout the process in making the trumpet in SolidWorks I started off with the bell. I did a Lofted Boss/Base then connected another circle and Extruded Boss/Base to finish the bell. To make the slides I did a Swept Boss/Base. For the valve I believe I made 3 planes then extruded cut to make the valve be able to change the pitch. I then added the 4th finger ring and added fixed anything that didn’t seem in place. The hardest part of the model has the valve casing as it has hard to make them even and parallel to each other, the slides where also difficult as the Swept Boss/Base sometimes would not work, so I would have to change the dimensions. I learned how to make a Helix and Spiral cut with the help of some tutorials. What I learned from the SolidWorks portion of the class was how to use SolidWorks as I never have used it before. It is also a good way to get a 3D image of any object.