Once a week, our class had the opportunity to work with a type of drawing software called Solid Works. When we used Solid Works, we were given an object that we had to draw all the dimensions in 2-dimensions on the program then manipulating drawing using different attributes to make the drawing a 3-dimensional object on the computer. The following parts are parts that I made for my CAD Individual Project, I chose to make a wagon.
Once we made all the different parts, we had to use the tool Assembly to combine all the individual parts making one solid object. This is the Wagon Assembly from the parts above.
Finally, from the Assembly, we then learned how to use the Drawing tool to automatically make the multi-dimensional and isometric drawings for an individual part or the Assembly itself. The Following are Drawings from the Wagon Assembly and a few of the parts from the wagon.