

Natalia Wilson
March 27, 2022
CornerStone 2

Chessboard

Theme:

The theme I chose for my chessboard is Spongebob. When I was young, my parents would always put on Spongebob for me while they worked around the house. Therefore, it has been a significant part of my childhood and for that reason I wanted to recreate some of the characters and iconic items in the show as my chess pieces. Whenever I think of Spongebob, the following come to mind: the secret formula, Mr.Krabs, Spongebob, Plankton, Gary the snail, and Squidward. Ultimately, I created my chess pieces based around the concept of these characters.

Tools Used:

3-point arc:

- To create the spiral of the paper formula that is inside of the bottle. This can be found in the King Piece.
- To create the elongated oval shape of the net on the Queen Piece. The oval shape did not form what I wanted so I used the 3-point arc and two lines to form the net.

Spline:

- To create the flowing look of the tentacles on the JellyFish. This can be found on the Rook piece.

Polygon:

- To create the windows on Squidwards house. This can be found on the Knight Piece.

Mirror Entities:

- To create the money pile under the secret formula. I started with one money object and mirrored in both directions to create the money pile. This can be found on the King Piece.

Lofts:

- Used to create the shape of the bottle on the King Piece.
- Used to create the basic shape of Squidward's house which can be found on the Knight piece.

Revolved Boss/Base:

- Used to create the semi circle for the body of the JellyFish. This can be found on the Rook piece.

Fillet:

- To create the base under the semi circle of the body for the JellyFish. I created a rectangle but it seemed too boxy, so I filleted the edges to create a smoother transition from the body to the area where the tentacles are held. This can be found on the Rook piece.

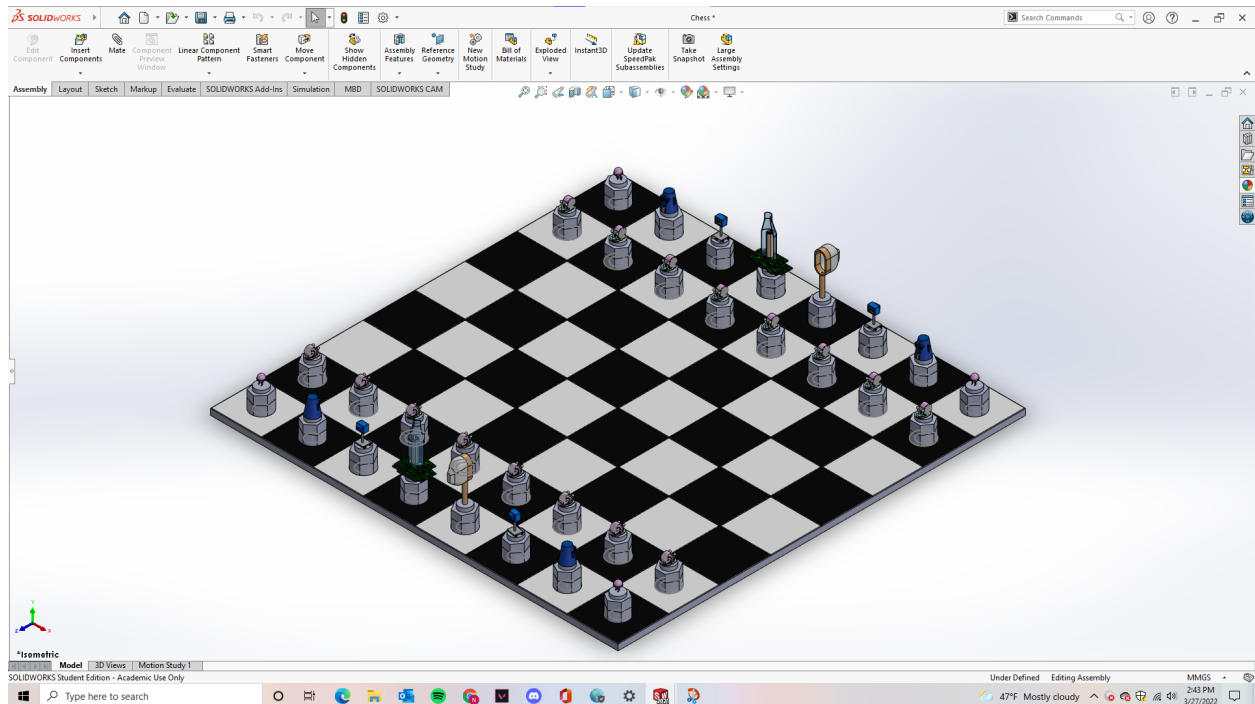
Draft:

- Used to create the base of Karen the computer. This can be found on the Bishop piece.
- Used to create the old television look on her head which can be found on the Bishop piece.

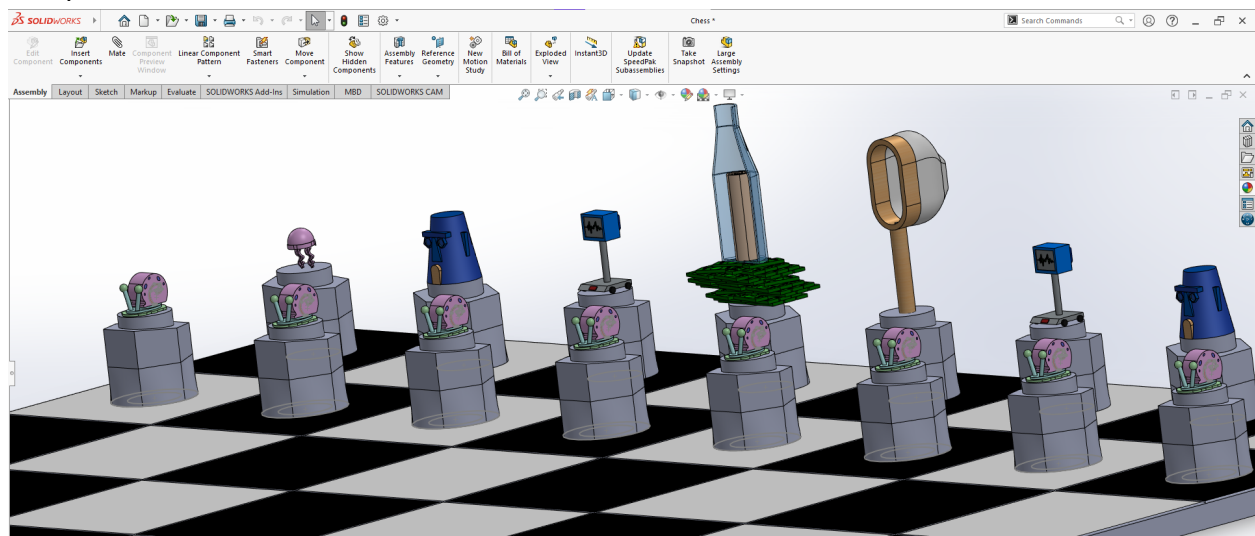
Shell:

- Used to empty the bottle in the King piece.
- Used to hollow out the net to seem like it can hold jellyfish. This can be found in the Queen piece.

ScreenShots:

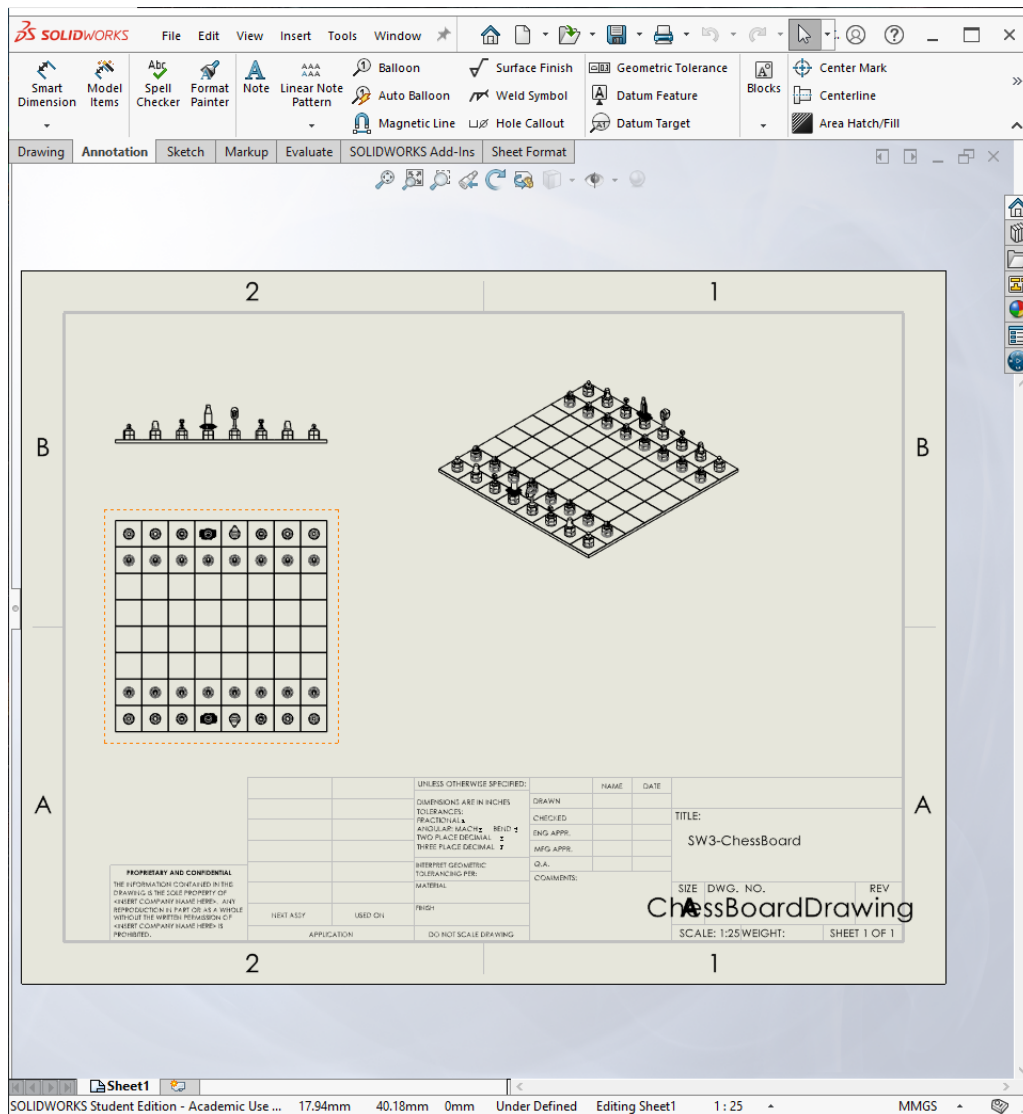


Completed Chessboard in Isometric View

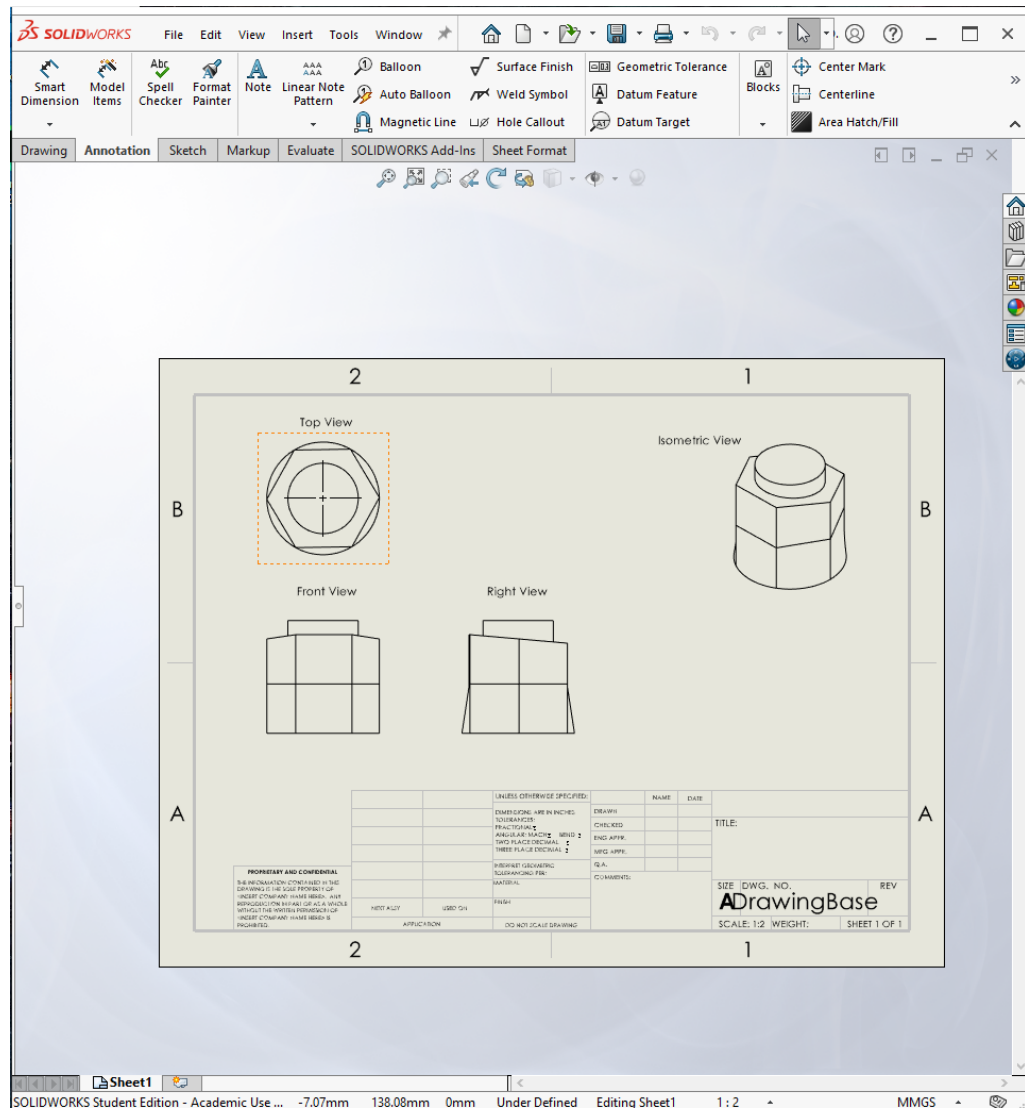


Artistic View of Chess Pieces.

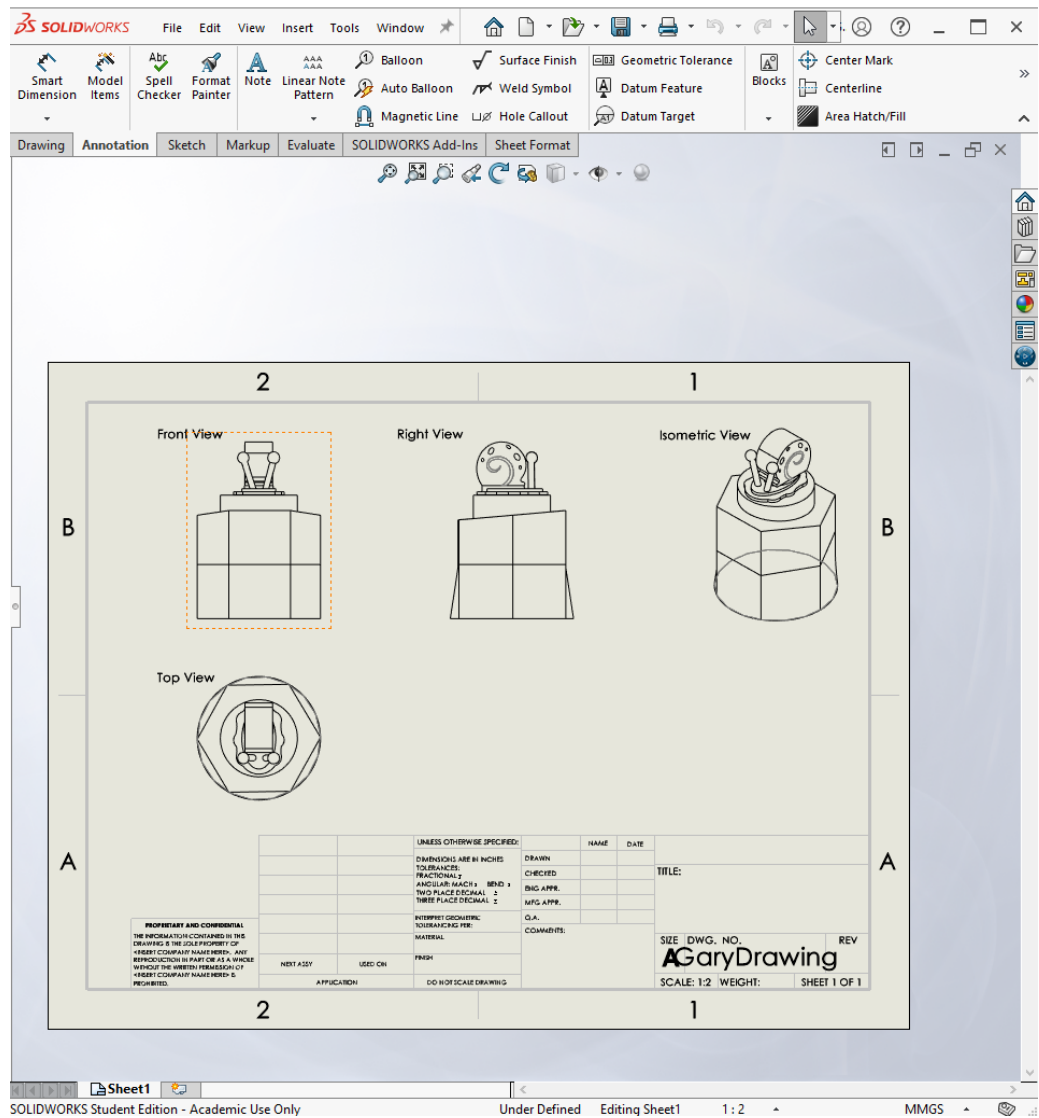
Appendix:



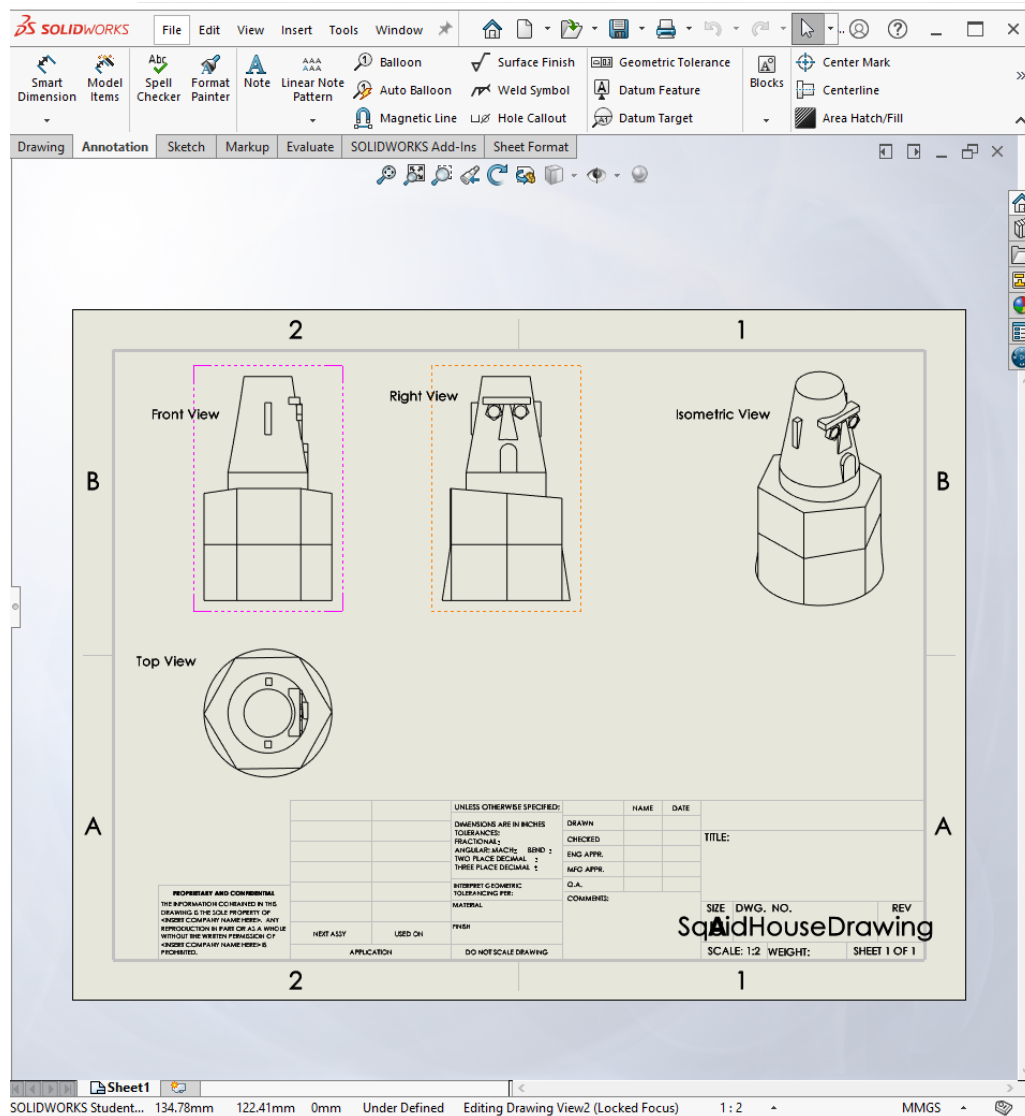
Drawing of chessboard



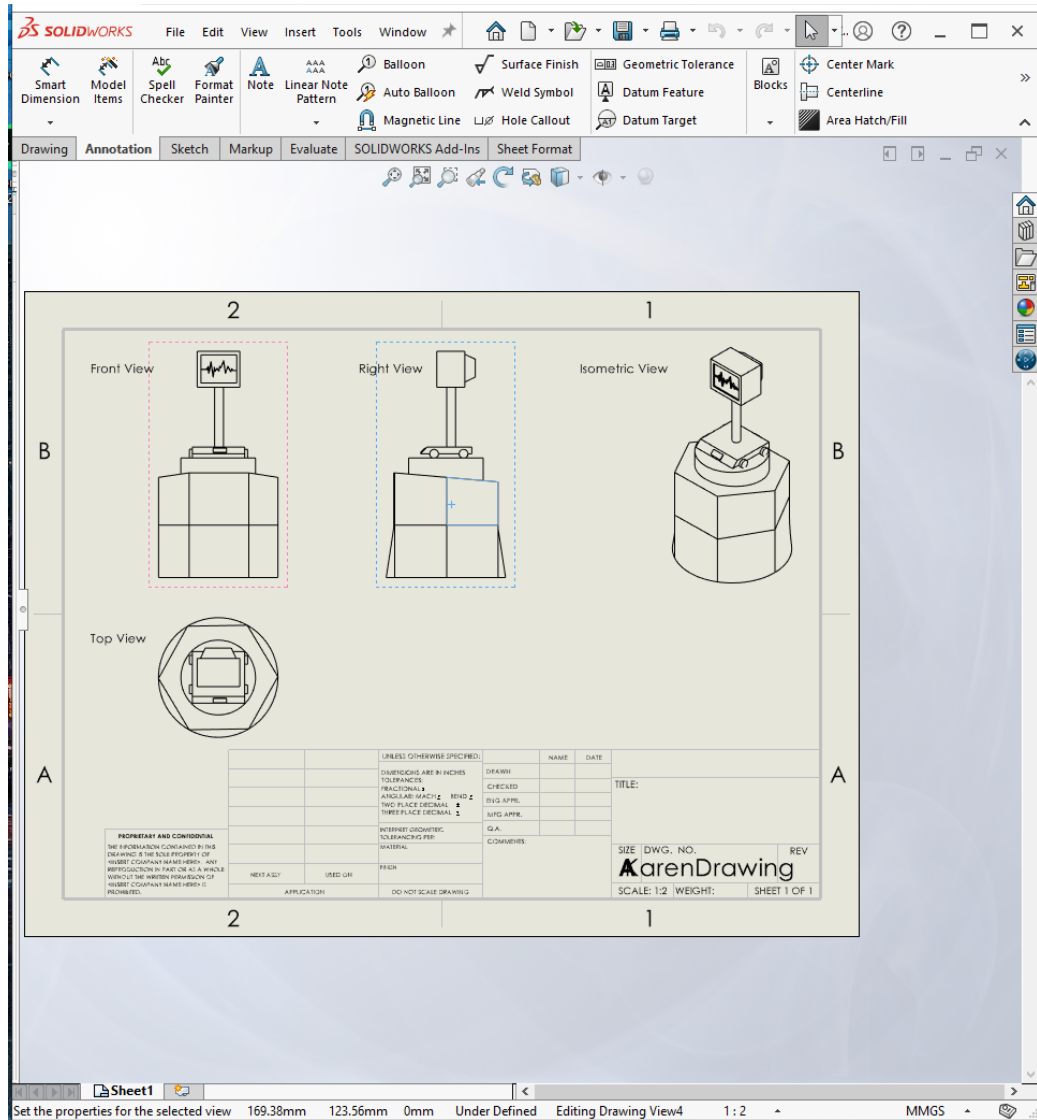
Drawing of the Base



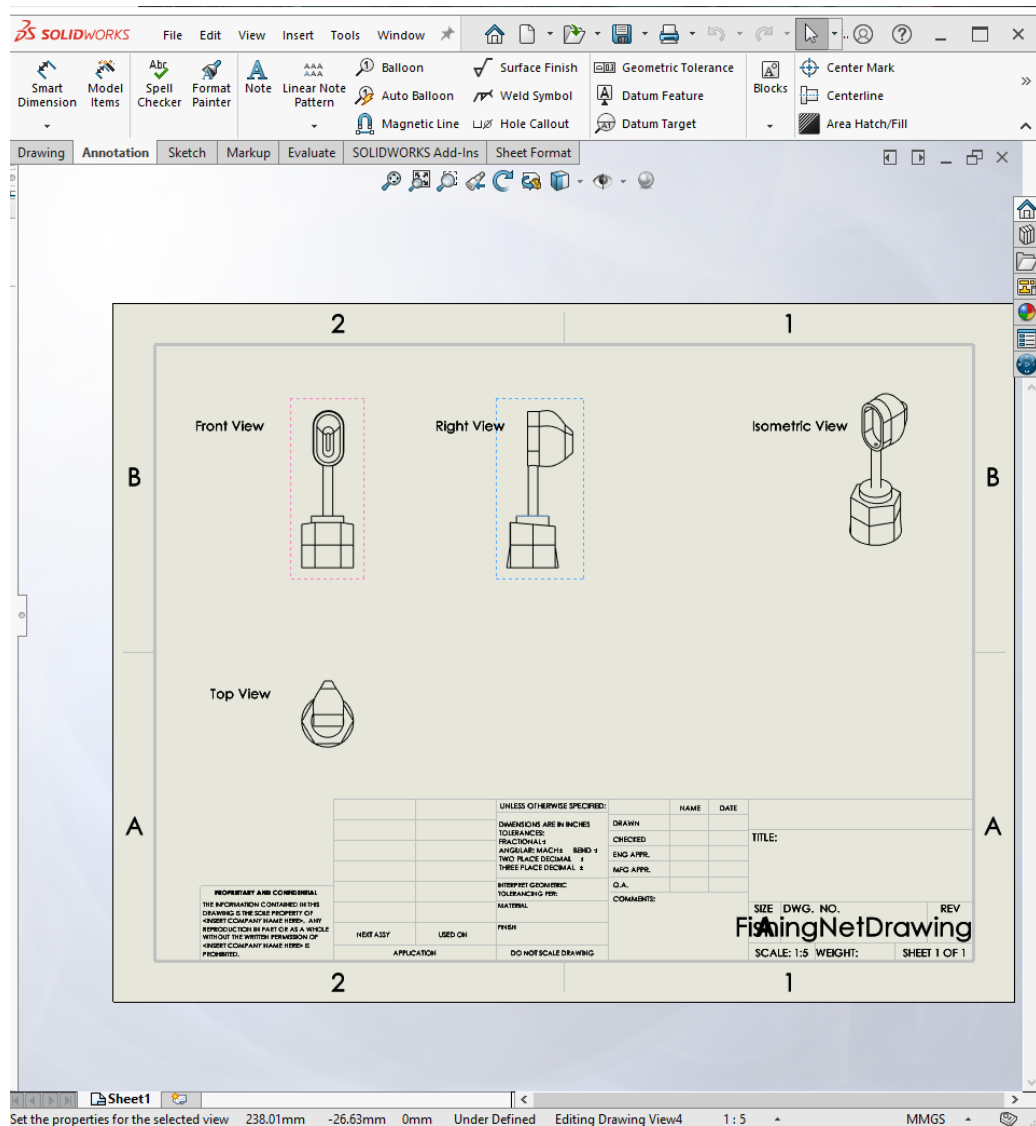
Drawing of Gary Piece (pawn)



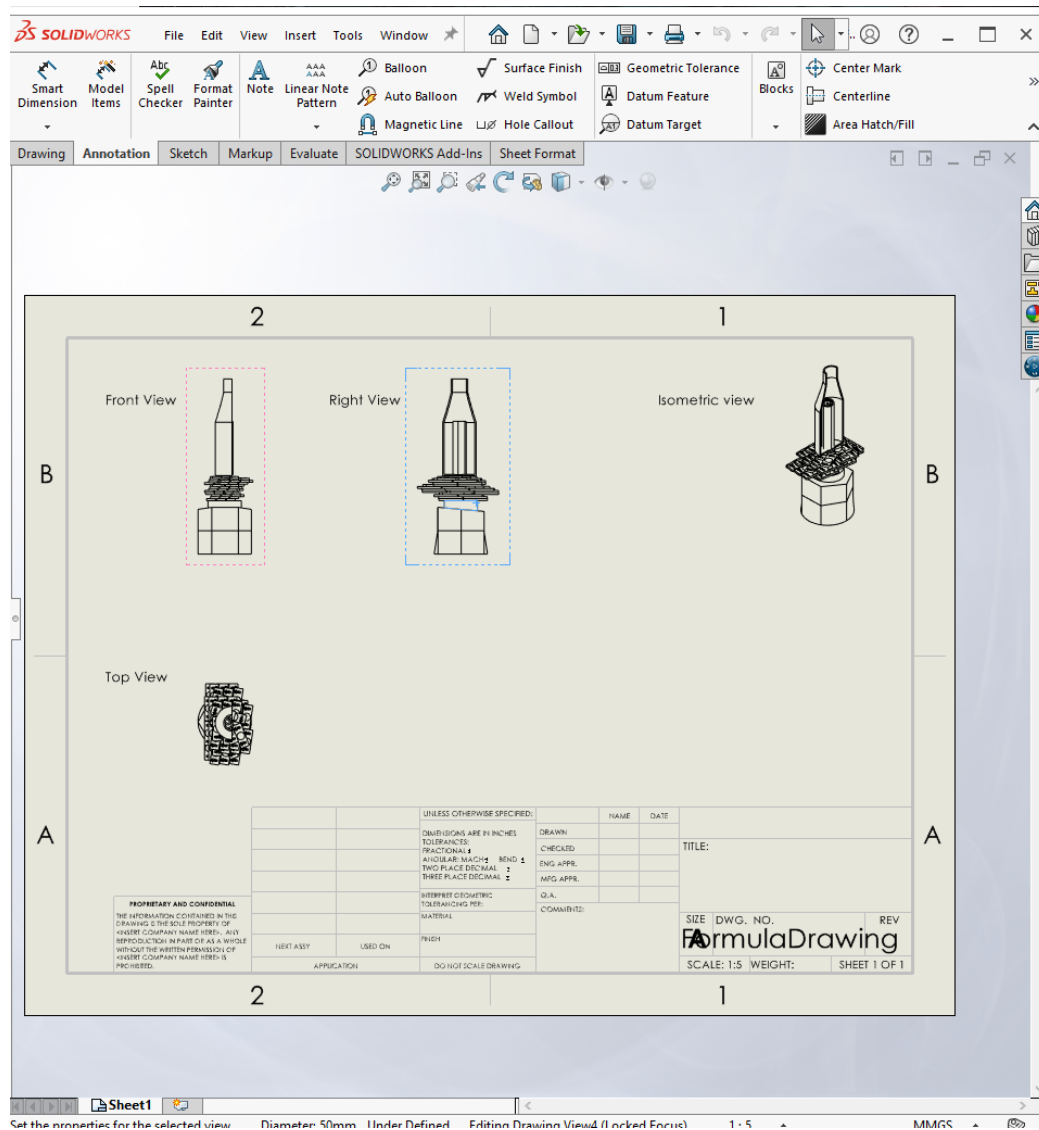
Drawing of SquidwardHouse piece (Knight)



Drawing of Karent the Computer (Bishop)



Drawing of Jellyfishing Net (Queen)



Drawing of Secret Formula (King)