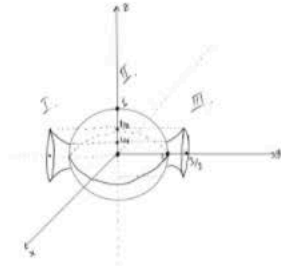
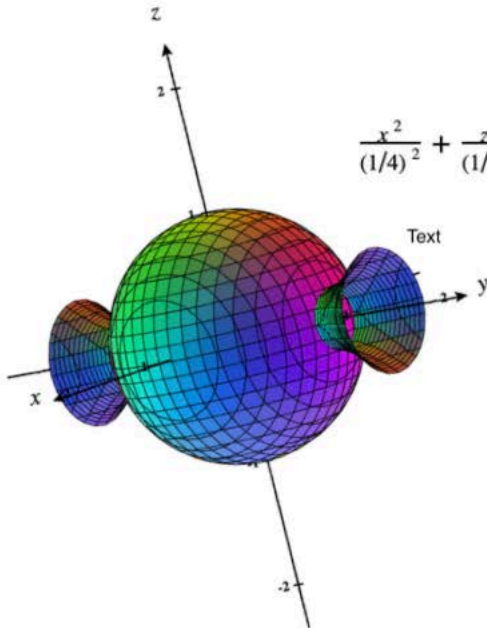


The candy in our project consists of a sphere and two hyperboloids. The radius of the sphere is 1 cm, while the larger radius of one sheet hyperboloids is 1/2 cm, smaller radius is 1/4 cm, and height 1/2 cm.



- Math Equations & Final Figure -



$$\frac{x^2}{(1/4)^2} + \frac{z^2}{(1/4)^2} - \frac{(y-1)^2}{(\frac{\sqrt{3}}{6})^2} = 1 \text{ with } 1 \leq y \leq 3/2$$

$$\frac{x^2}{(1/4)^2} + \frac{z^2}{(1/4)^2} - \frac{(y+1)^2}{(\frac{\sqrt{3}}{6})^2} = 1$$

$$x^2 + y^2 + z^2 = 1 \text{ with } -1 \leq y \leq 1.$$

- Reflection -

Our group worked very well together and achieved our goal which is finishing the project successfully. We also learned to analyse 3D objects.