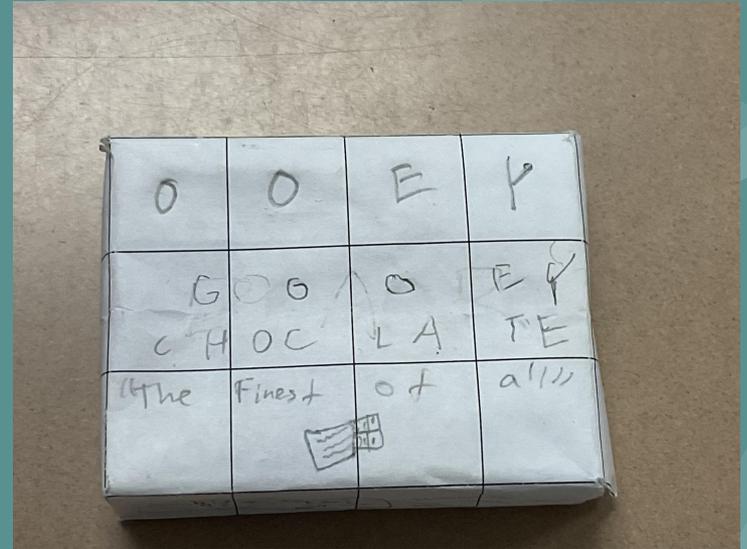


The Ooey Gooney Presentation

By Constantine Zhou and Zaidan Mayberry

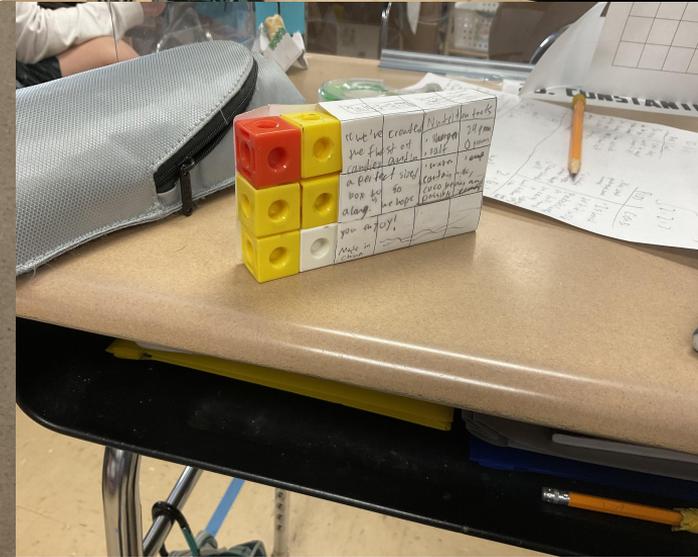
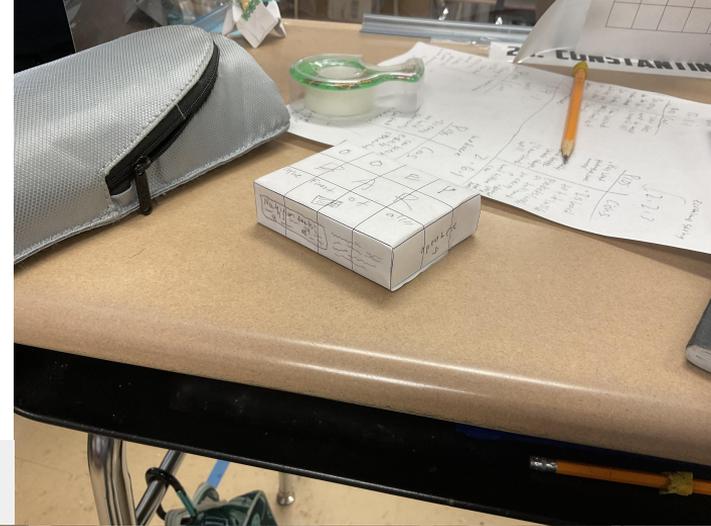
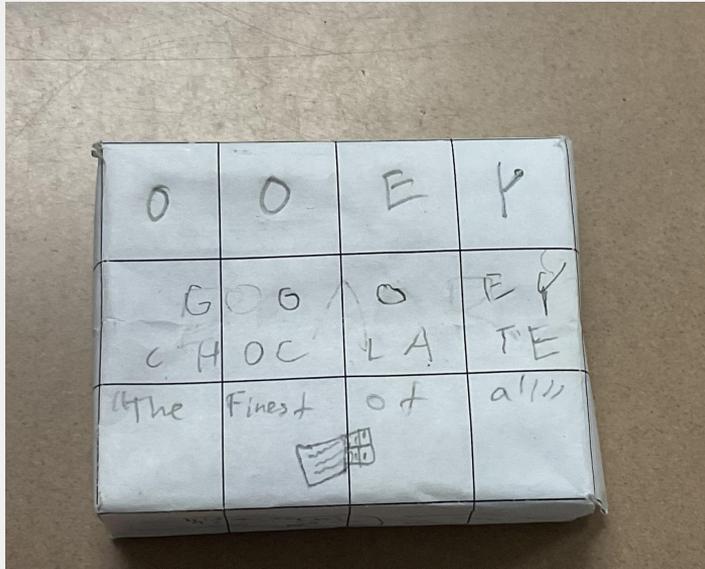




The Perfect Bar.

The bar of dreams, the Ooey Goey Bar is one of our finest designs for packaging your Ooey Goey candy. It's the best of all other packaging making the volume of 12. It's good in almost every way when using our type of packaging.

Images of the Ooey Goey Packaging



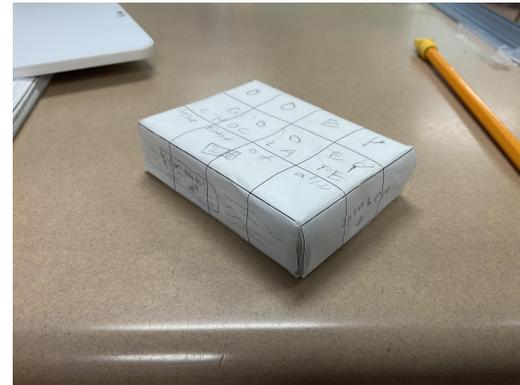
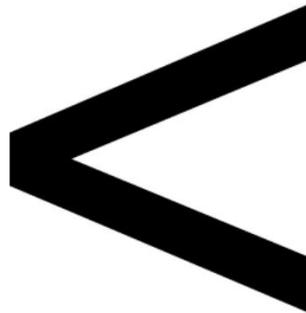
Affordable and Sizable

Due to the surface area and volume of this new design, the wrapper is small, pocket sized and not too costly compared to other packagings. This type of packaging can also fit well on the shelf of a market making it very convenient.



Our Competitors...

The 2 by 2 by 3 packaging(32 square units) does have less costly packaging than ours(38 square units for ours), but it's really not much to make a difference and also considering the down sides of the packaging which is being hard to carry it around and put it in a convenient place makes our packaging more superior to it.



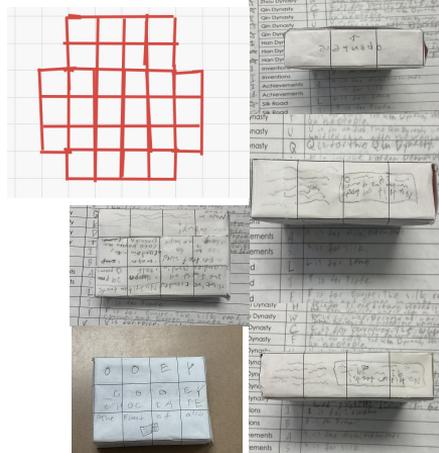
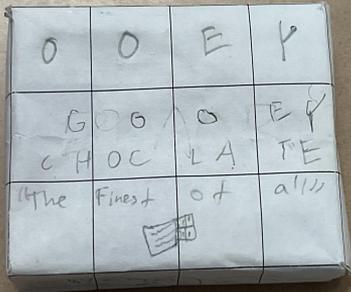
Sales and Economics

Our packaging is also not too expensive as our packaging has a surface area of 38 square units. We also have a useful, large flat side on our packaging making it appeal more to your customers and also advertise better while sitting on the shelf of a market. When compared to other packagings for the Ooey Goey chocolate, ours has good pros and has minor to none cons.

Proof of 38 square units

Net of our packaging

Flat surface

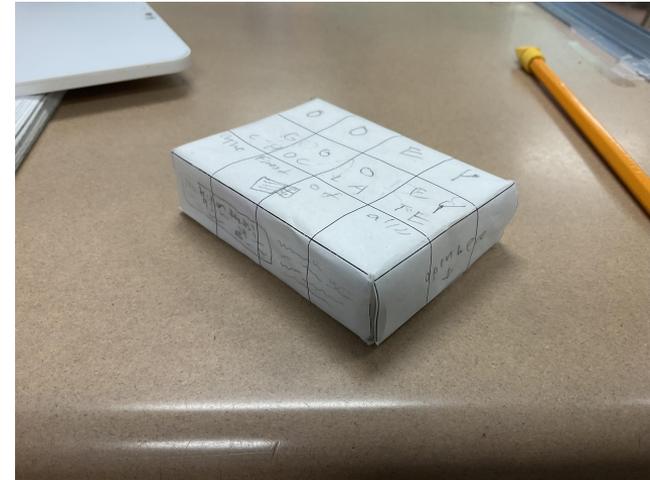




The Math Behind it.

Our packaging cost was made first with finding the surface area of it which you first solve the front side of the bar(12 units). That front side is the same for the back so double it(24 units total). Once that's done find the side(where you open the bar(3 units). Then double it as well since there are two of those sides(6 units total). Lastly you find the 3rd pair of sides and double it(8 units total). You then add all of the pairs of sides to get a total of 38 square units for the surface area of our bar.

For the volume of the 3 by 4 by 1 it is 12 as you would first need to solve for the base(multiply) 3 by 4 to get 12 square units. You then multiply the base by the height of 1 and get 12 cubic square units for our packaging.





The Math Behind it PT2.

There is actually a relationship between how getting the volume determines the surface area of our packaging. The relationship is the greatest number whether in the height/length/width (needs to be compared to a volume that is the same to each 3D shape) which if that greatest number is a low number(ex:3) the surface area of the 3D object will be low as well and if it is a high number(ex:12) the surface area will be bigger.

Proof

The 3D shapes 12 by 1 by 1, 2 by 2 by 3, 3 by 4 by 1, and 2 by 6 by 1 all have a volume of 12 cubic units. The 12 by 1 by 1 has a surface area of 50 square units, the 2 by 2 by 3 has a surface area of 32, the 3 by 4 by 1 has a surface area of 38, and the 2 by 6 by 1 has a surface area of 40. When comparing the largest width/height/length, the rule above is true for this.

Conclusions

In summary our pros and cons for our bars is that it's good for stacking, advertising, has a decent cost, and is pocket sized with little to minor cons for our packaging which is why this type of packaging would be the best use in all way for the Ooey Goopy Chocolate Brand.

