

# Ooey Gooey candy bar

**by: Lucas and Johnny**

## We chose to use the 3x2x2 box design, and here's why you should invest:

1. The design is stackable, so there can be more packages per delivery.
2. It is very compact and will not fall apart easily.
3. Although the 1x1x1 design has an easy way to get the chocolate out of the package, the 3x2x2 design needs the least amount of wrapping paper, which gives an economic advantage for the company.
4. It can fit in your pocket easily and is a basic shape.
5. It is possible to put artistic designs on the box on all sides.

# Here is our design compared to another design.

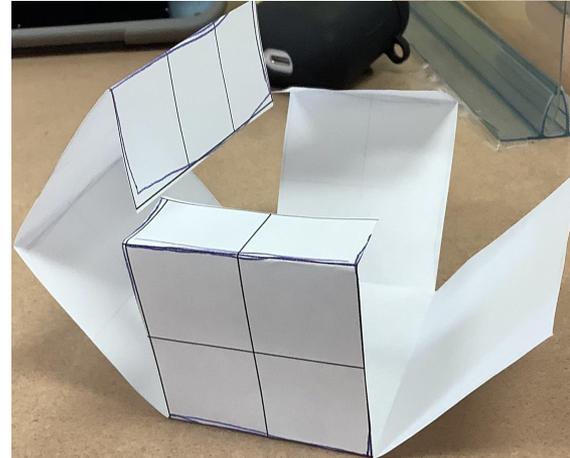
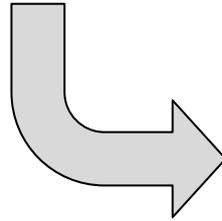
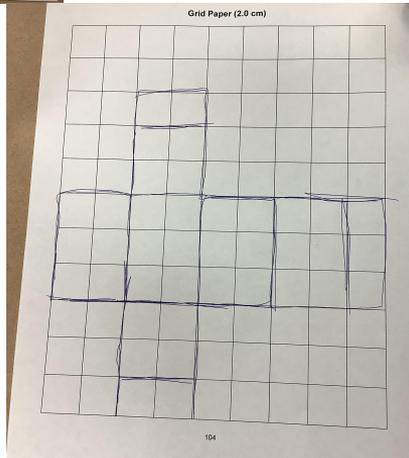
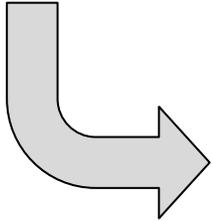
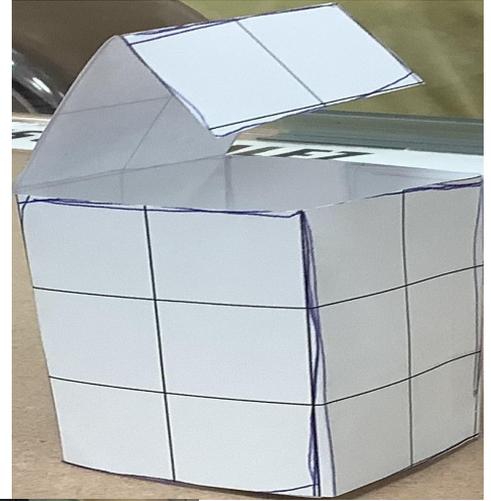
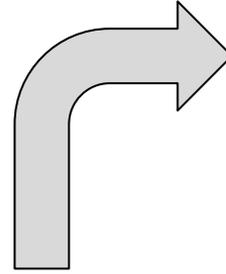
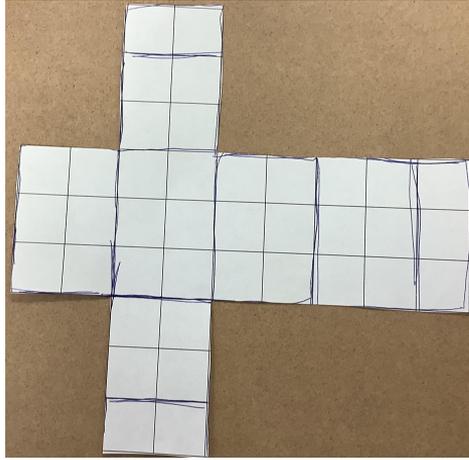
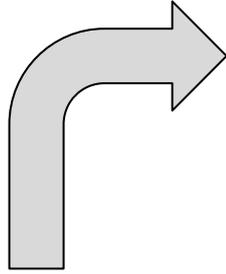
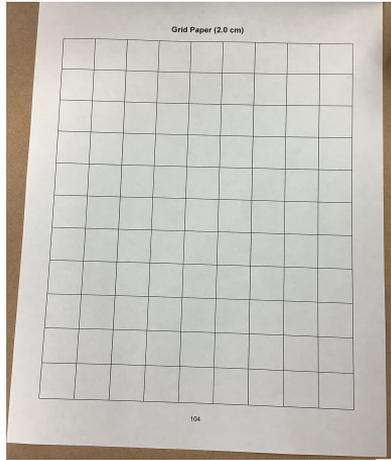
3x2x2 box design:

1. Can fit in your pocket
2. Can be stacked, so more chocolates per delivery
3. Uses the least amount of wrapping paper

12x1x1 box design:

1. Sticks out of your pocket; not portable
2. Is hard to stack; can fall out of order easily
3. Uses the most amount of wrapping paper

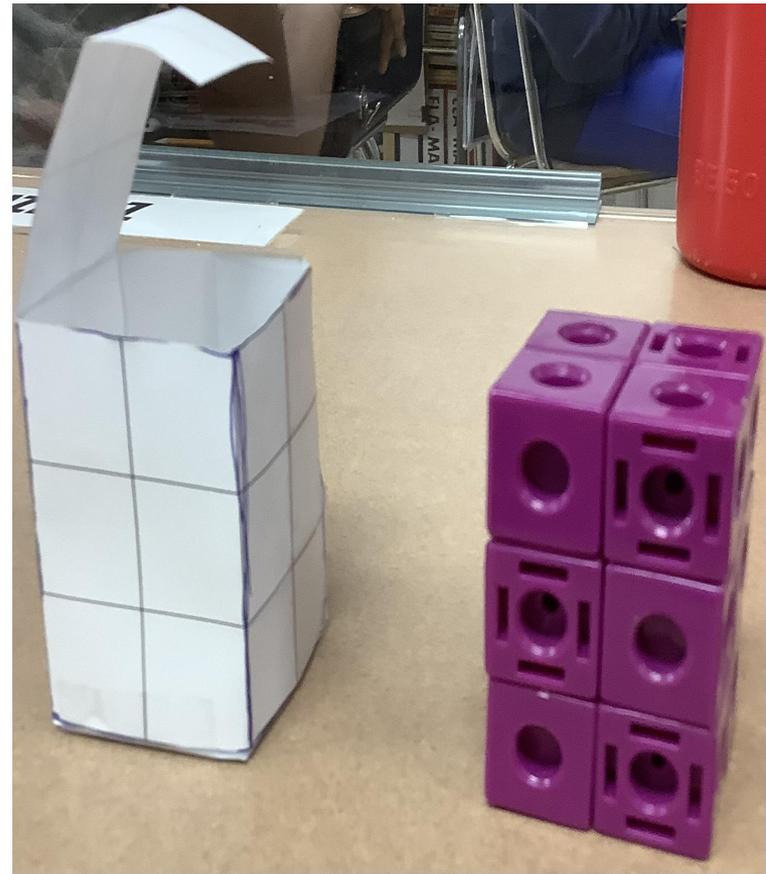
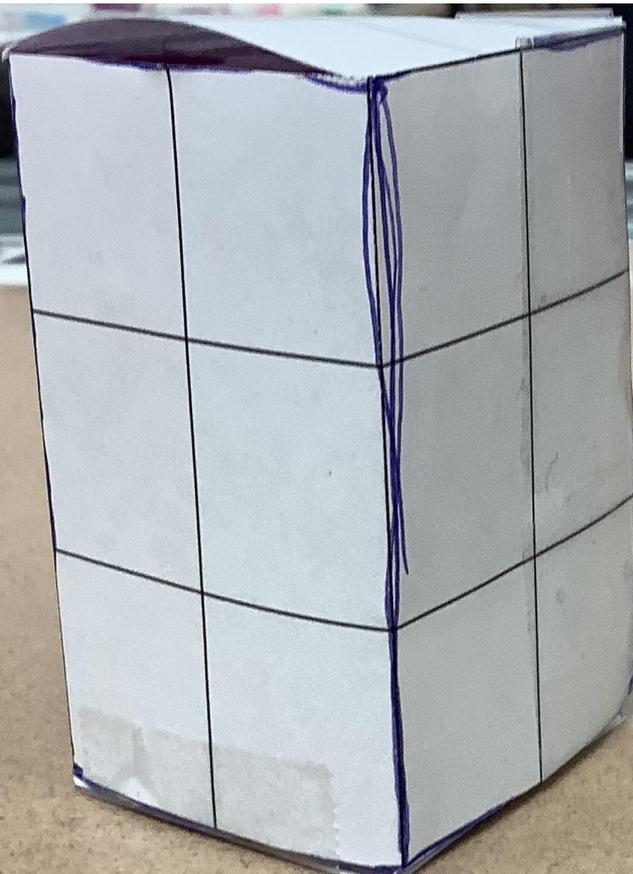
# Here are some more photos of the process of making it



This is what the wrapper will look like

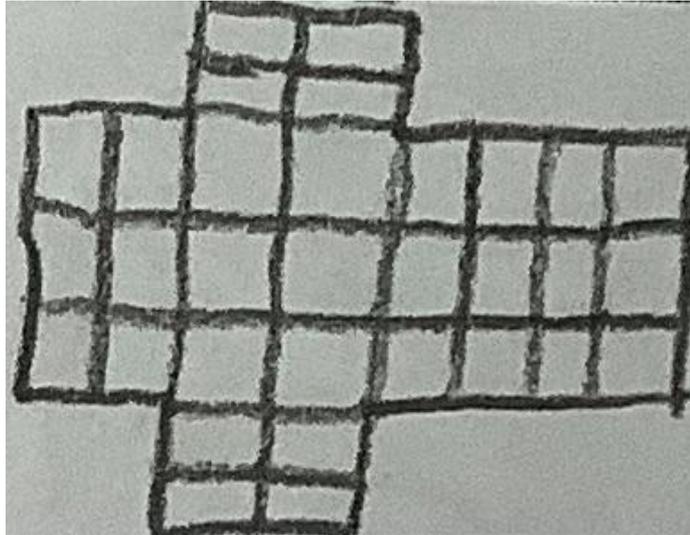


**Here are some pictures of our idea!**



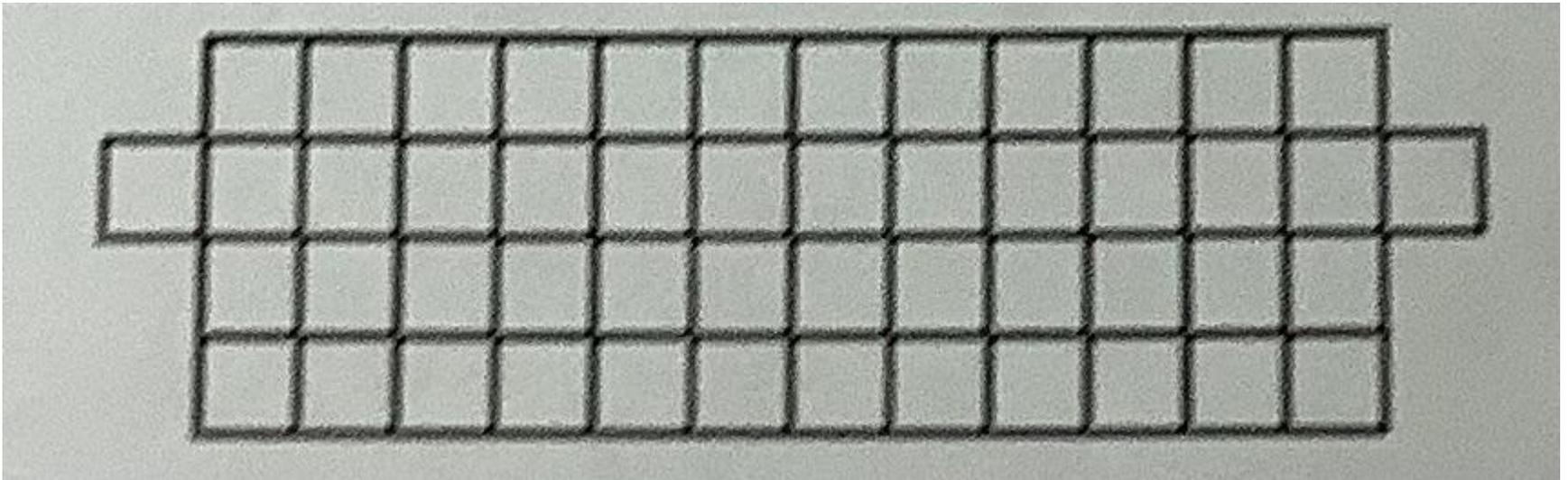
## The 3x2x2 design

Here is the net of the 3x2x2 design, which is what we chose for the company. The surface area of the design is 32 square units. This design has the least amount of surface area than any of the other designs.



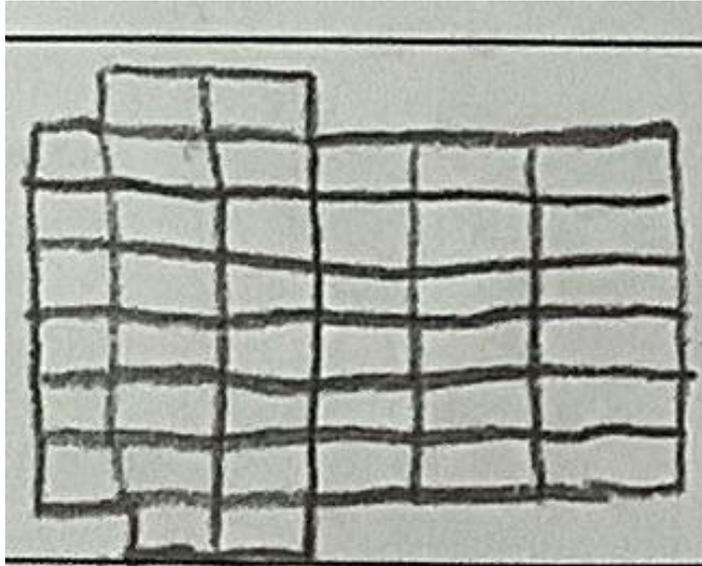
## The 12x1x1

Here is the net of the 12x1x1. The surface area of the 12x1x1 is 50 square units. It has the most amount of surface area out of all the shapes.



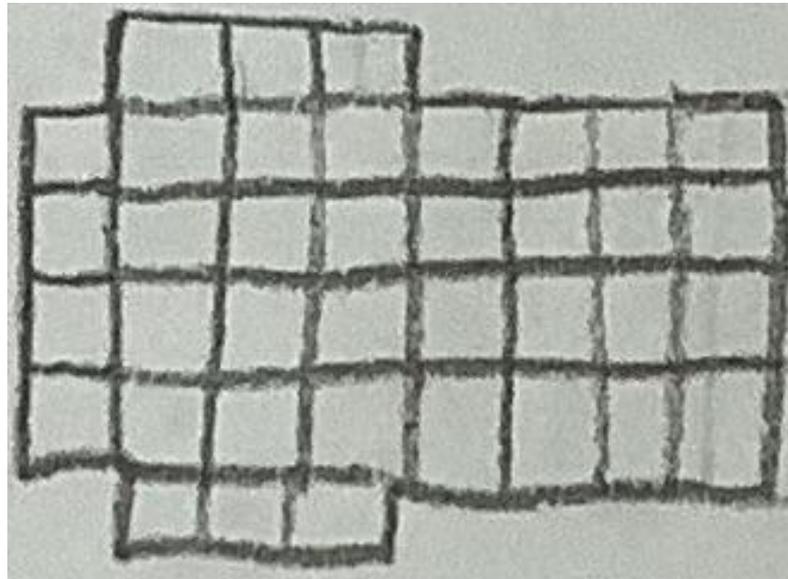
## The 6x2x1 design

Here is the net of 6x2x1. It's surface area is 40 square units. It has the second most amount of surface area than any other shape.



## The 3x4x1 design

Here is the net of the 3x4x1. It has a surface area of 38 square units. It has the second least amount of the surface area of the 4 shapes.



## Explanation for surface area and volume

For volume, Each “cube” inside the shape is considered one cubic unit. For surface area, however, each face of the “cube” inside the shape that is shown as part of a face of the shape is considered one square unit. It’s even in the name: Cubic unit has the word “cube” in it, hinting that each “cube” inside the shape is considered as one cubic unit. Square unit has the word “square” in it, hinting that each face of each “cube” that is shown as part of one of the faces of the shape is considered one square unit. Basically, all the faces of the little “cubes” that make up the shape are considered square units if they are part of the shape.

## The review

The 3x2x2 is good to invest in for many reasons. One reason is that it has a surface area of 32 square units, which is less than any of the other designs. This means that it costs the least amount of money for the wrapping, which gives the company an economic advantage. It also has the best stackability, which means that there can be more boxes of Ooey Gooey candy per delivery. This shape is very portable and compact, so it can fit in your pocket easily. The shape is also good to put your artistic designs on all of the sides. Overall, this shape has very good advantages, so please decide to invest in our design.

**Thank you!**

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