

# Marketing Origami

## Standards

### Content

Students will be able to...

- Apply mathematical knowledge to real world situations
- Create models of geometrical concepts
- Identify and explain relationships among angles
- Identify and explain polygons and their properties

### Process

Students will be able to...

- Explain their reasoning
- Demonstrate effective writing skills
- Demonstrate effective presentation skills

## Task Description and Criteria

You will create a product to market using origami. The product must be created using an origami ball construction (I will show you step by step how to make the ball), but you have to be creative and make the origami ball into something people would want to buy. For example, make the ball represent a part of something else, like a piece of food or a part of a necklace.

Then you will write a paper telling people what your product is and why they should buy it. In the paper you will also include an explanation of the geometry involved in origami. Describe at least five explanations about polygons and angles that were created as you folded the paper. For example, the original shape of origami paper is a square because it has 4 equal sides and 4 equal angles.

Finally, you will present your product to the class as sort of an infomercial to try and get people to want to purchase it. You must explain what it is and why people should buy it.

Your grade will be based on the following criteria:

- ❖ Origami ball is constructed well
- ❖ Origami ball made into a marketable product (creative and obvious)
- ❖ Paper explains what the product is and why people should buy it
- ❖ At least 5 terms about angles or polygons explained in paper
- ❖ Presentation must be enthusiastic and clear

## Rubric

Criteria	Poor-0	Ok-1	Good-2	Excellent-3
Origami Ball	No origami ball constructed	Origami ball constructed but with individual help of teacher	Origami ball constructed but is not very durable	Origami ball constructed well and is durable
Marketable Product Created	Origami ball is not made into a marketable product	Origami ball is made into a marketable product but is not obvious	Origami ball is made into a marketable product, is obvious, but not very creative	Origami ball is made into a marketable product that is very obvious and creative
Paper Explanation of Product	Paper does not explain what the product is or why people should buy it	Paper explains only what the product is		Paper explains what the product is and why people should buy it
Angles and Polygons in Origami Paper (X 3)	No explanation of angles and polygons in origami	1-2 accurate explanations of angles and polygons in origami	3-4 accurate explanations of angles and polygons in origami	At least 5 accurate explanations of angles and polygons in origami
Presentation	No presentation given	Presentation is not clear or enthusiastic	Presentation is clear but not very enthusiastic	Presentation is clear and enthusiastic

Total: / 21 points