

Cereal Box Project

Project Introduction:

Geometry is a subject that has many real life applications. Therefore, the purpose of this project is to have the students produce a cereal box and have them determine given certain factors if their cereal box is cost effective. Along the way students will be given the opportunity to reflect on their own work and evaluate their peer's work.

This project will be used during the surface area and volume chapter and the students will be able to take an in-depth look at these figures and their applications. Also, this project will be done in a series of pieces as we complete different parts of the topic.

Introduction for students:

The idea behind this project is for you to create a cereal box to sell in stores. You will have to look at many real-life factors that go into designing and producing a good marketable product. Throughout the course of this project you will have to make decisions about the material that goes into making your cereal and the design of the cereal itself. Along the way you will also have to make predictions and reflections about how well your cereal box is designed and how it compares to the other groups' designs.