



The Postcard Project

It's time to apply Algebra to your world. For this project you will design a postcard that has some significance to you. Then you will produce 20 copies of your postcard... some of which we will mail!

The 4 Big Parts:

1. Art
2. Math
3. Written
4. Presentation

Design Your Own Postcard

- According to the U.S. Postal Service, your postcard must be:
 - Rectangular
 - At least 3-1/2 inches high x 5 inches long x 0.007 inch thick.
 - No more than **4-1/4 inches** high x **6 inches** long x 0.016 inches thick.
- For this project, your postcard must be:
 - Rectangular
 - Fit a total of 4 postcards on an 8 ½ x 11 sheet of paper (that will be cut into 4)
- You will design the artwork for your postcard. You can draw it, use found art, or use a computer to make your own design.
- You can produce your postcard in color or black and white.
- The postcard can have graphics on one or both sides.
- You will produce a minimum of 20 postcards.

Price Information

- After you have designed and finalized a master copy, we will print them in-house:
 - For the math part & equation, the cost of black & white = 10 cents, color 20 cents
 - You will set the price for the sale of your postcard

Note: We will review this part in class. This is the setting-up of the 2 big equations in class; the cost equation & the profit equation.

Key questions to consider:

- How much will your postcards cost to make per unit and for the whole 20?
- Do you want to make a profit or do you just want to break even?

Equation

- Create two equations using your pricing information
 - One equation will show the cost to produce one postcard
 - The other equation will show how much profit you would make if you sold 20 postcards. If you decide that you just want to break even, that equation will be different from one which shows a profit.

Written Explanation

- Write a minimum of three (3) paragraphs explaining your postcard project. The following questions should be answered in your paper:
 - How did you decide on the design and creation of the postcard?
 - How did you decide upon the price of the postcards?
 - How is this project related to algebra?
 - What is the equation that you came up with and how does it relate to things you'll experience in your life?
 - What was the most successful aspect of your project?
 - If you could do this project again, what would you approach differently?

Present Your Awesomeness

We will design a plan together in class to decide on a work schedule and due date.

1/25 Project Intro				1/29 No School: Conference Day

Mail Your Postcards

As a class, we will mail at least one postcard. Do some research on who you want to mail it to; you can choose a celebrity, a family member, someone in the government, or whoever you think might want a personal note from you.