

Pre-Calculus Mathematics Project

Introduction:

“When will ever use this?” This is a common question any mathematics course. Now is your opportunity to research individuals that have made significant contributions in the field of mathematics. Mathematics begins at creation and spans to our present day. A student once asked his teacher in approximately 300 BC, “what is the profit to learning mathematics?” Euclid proclaimed, “Learning is profitable in itself, hopefully you will profit from your learning.

Task:

To research a mathematician or group of people that made significant contributions to the field of mathematics. The mathematician or group of people must have contributed to the field and must be pre-approved before conducting your research.

Rubric and Requirements:

- Choose a mathematician or group of people to research
- Describe 5-detailed different fact (Family and Education are different Facts). Common categories are family, educational background, Birth place information and background, contemporaries, Climate of the timeframe lived in, etc, commonalities among other mathematicians or people group.
- Two examples of the Mathematics they are famous for.
- Design highlights of all of the information on a 22 by 28 poster board. Be creative and detailed. Remember the focus is the mathematics so make sure this is highlighted on the posterboard. Make sure you have at least 3 images on the posterboard.
- You will present this project to you peers and myself on a specified date. Business attire is required to show the importance of this presentation. Use note cards or some other pre-approved means to give an outline for your presentation.

Important Information:

- **Everyone poster board and pre-approved outline method is due on October 10. Every day that the project is late, 10 points are deducted.**
- Remember you will present on specified dates but everything is due on October 10 (No exceptions).

Evaluation:

Your project will be evaluated according to the following rubric:

	Possible Points	Actual Points
Part I (Turn-in by Oct 10)	20	
Poster board	20	
Background	20	
Mathematics	20	
Presentation	20	
Total Points	100	

Project Reflections

1. What was your overall impression of this project? What did you like, dislike?
2. What difficulties, if any, did you encounter while completing this project?
3. Describe any aspect(s) of the project that were unclear to you and/or could be improved.
4. If you were a teacher who assigned this project to your class, what would you do different? the same?
5. Describe the process that you followed while completing the project.
6. What grade would you give your yourself for this project? Explain. (use the rubric listed on the project handout)