

Great Mathematicians Project

Overview: You and at most one partner will research a famous mathematician with an oppressed identity in order to present their importance to the class.

How to pick your mathematician:

You are to pick a mathematician with an oppressed identity (person of color, female, LGBTQ, etc.). Make sure you pick a mathematician with enough information that you can present on for at least 5 minutes. There can only be one presentation for each mathematician.

A great list of applicable Mathematicians can be found here:

<https://arbitrarilyclose.com/2016/08/21/the-mathematicians-project-mathematicians-are-not-just-white-dudes/>

Presentation:

Create a PowerPoint presentation with visuals to share with the class. Your presentation must include:

- a) Birth and death dates
- b) Overview of mathematician's life
- c) Explanation of mathematician's contribution to the field of mathematics
- d) A random fun fact

You must present for at least 5 minutes and for no more than 8 minutes. Please do NOT just read directly off of your slides. Make it entertaining to listen to ☺. If you are working with a partner, both people must speak during the presentation. While others are presenting, you will be writing down 2 facts about each mathematician and turning it in for points.

Presentations will take place on Tuesday, May 28/Wednesday, May 29 and Thursday, May 30/Friday, May 31. If you dress up as your mathematician and present as if you are talking about yourself, you will get 3 points extra credit. If you are planning to dress up, you will be able to pick which date you present. Otherwise, the presentation day will be randomly selected.

You will have 1 block period and a Rally Day Friday to work on your visual and presentation. Come to class prepared on Wednesday, May 22/Thursday, May 23 with a device to research your mathematician and a laptop to create a PowerPoint presentation.

Timeline-

Monday, May 20/Tuesday, May 21 -Assignment given, Partner selected (if applicable), Mathematician selected

Wednesday, May 22/Thursday, May 23- Come to class prepared with materials to complete Powerpoint. Complete research to finalize presentation.

Friday, May 24- Finish Powerpoint and share with Mrs. Young (slyoung@sjusd.org) via Google Drive by the end of the period.

Tuesday, May 28 to Friday May 31- Presentations. Presentation day will be randomly selected unless you intend to dress up for extra credit. Then, you can sign up for the day to present.

This project (Visual, Presentation, and Notes on other presentations) is worth **100** points.

Rubric (100 points)

Preparation & Effective Use of Class Time- 20 points

- Student completes all items on time and brings necessary materials to class to complete the assignment.
- A laptop is brought on May 22/May 23/May 24 to complete the visual for the presentation.

Presentation- 30 points

- Student is familiar with the presentation and not just reading off the slides (Notecards are okay). Student makes good eye contact with the class.
- Student makes presentation entertaining to listen to.
- Student's presentation is at least 5 minutes and no more than 8 minutes.
- If two people are presenting, it is evident that the presentation was split up ahead of time.

Visual- 30 points

- Visual is relevant and contains applicable drawings or photos within the PowerPoint
- Visual is easy to read
- Time and effort is evident in visual

Notes on Other Groups Presentations- 20 points

- Two facts are written about every presentation and turned in on a piece of lined paper