Mathematicians are people too!
MATHEMATICIAN BIOGRAPHY PROJECT
45 assessment points

OBJECTIVE: To complete a biography project about a mathematician based on research.

Sometimes it is easy to forget that mathematicians and scientists are/were real people with interesting lives. This project will help you gain that appreciation as well as inform you about their contributions to the world. This is an opportunity to be creative! **Your project must not ignore the mathematical contributions of your choice.**

You need at least 5 information sources, all of which may be internet sources. Additionally, image URLs are to appear underneath the image in the presentation. (Google Images is NOT a source – find the webpage on which the image originally appeared.) Wikipedia may be used as a jumping off point for your research, but may **NOT** be included in your Works Cited page. You MUST turn in a hard copy, typed Works Cited page that is in **MLA format** (including URL), a printout of the presentation [if PowerPoint - 6 slides per page] and the rubric. See me for short term check-out of books that include information about the lives of mathematicians.

All projects must contain information about the mathematician's personal life and mathematical life. Many of these mathematicians were also scientists, politicians and even clergy. ***We want to get a 'snapshot' of who the mathematician was, what contributions she/he made to mathematics, what/who was important to that person as well as what you personally found interesting about his/her life.*** We don't want to be bored to tears by a list of dates and places! (In fact, point deductions will be made!) Make this person come alive to your audience! Include an image and a quote by the mathematician or, if that is not found after extensive research, a quote about him/her from another person. Also comment on what the quote shows about the mathematician.

Your group's task is to give a 'snapshot' of who your mathematician is/was personally and professionally. Create a 4 – 5 minute presentation that includes the information discussed above. You may use PowerPoint, Google Slides, Prezi, Photostory, or other presentation mechanism (just see me for approval first). Be sure to include what you and your partner found most interesting about your mathematician! Dress in MMSTC 'presentation clothes' OR dress can be related to your mathematician in some way. It must be evident that you practiced what you were going to say! No talk will be allowed to exceed 5 minutes and deductions will be made for those outside the time limits.

Turn in electronic copy of your presentation & Works Cited to I:\MMSTC\Homework\FST\Mathematician Biography Project. File name example: 10A_Dewey-Hilliard-May.

TURN IN a hard copy, typed Works Cited page in **MLA format** (including URL), a black and white printout of the presentation [if PowerPoint/Google Slides - 6 slides per page] and the rubric.

Only one project per mathematician per class. First come, first choice! Have a back-up choice just in case!

Group: _____ _____ _____

Mathematician: _____

DUE DATES: Group & Mathematician: _____

Preliminary Research Notes: _____

Presentation: _____

NAMES: _____

MATHEMATICIAN:_____

A LIST OF MATHEMATICIANS TO BE RESERACHED

Highlight your mathematician

Maria Agnesi
Charles Babbage
Benjamin Bannecker
Georges Comte de Buffon
Georg Cantor
Girolamo Cardano
John Horton Conway
Augustus De Morgan
Rene Descartes
Paul Erdos
Leonard Euler
Leonardo Pisano (Fibonacci)
Carl Friedrich Gauss
Hypatia
Al-Khwarizimi
Sonya Kovalevsky
Gottfried Wilhelm von Leibniz
Ada Byron Lovelace
Benoit Mandelbrot
August Ferdinant Mobius
John Napier
Emmy Noether
Blaise Pascal
Srinivasa Ramanujan
Mary Fairfax Somerville
Zeno of Elea
Terence Tao

GRADING CRITERIA:

CATEGORY	Possible POINTS	POINTS Earned
Separate hard copy turned in Works Cited (MLA format & ≥ 5 information sources. All in alpha-order) & slides (6 per page)	5	
Content - Contains information asked To what degree does the project give a 'snapshot' of who this person was and what their mathematician contribution was? - Quote by or about mathematician & comment about quote	15	
Quality/effectiveness of project - Appropriate slide/presentation design - Appropriate wording and use of language to communicate ideas; use of visuals to enhance message; details that help reader get to know mathematician; degree to which project interests the reader; - File named appropriately. - SLIDE NUMBERS on presentation.	5	
Oral Presentation - Prepared & Practiced - All group members participate equally - Meets time requirements (-5 pts. if not met) - Verbal and physical qualities of engaging, interesting presentations	10	
TOTAL:	45	

Comments: