### If Mathematicians Took Over the Gram

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## **Project Overview**

Who: A famous mathematician

What: \*Google Slides\* Instagram feed with profile picture, bio, and 6-8 posts (picture

WITH captions) and an outline of your research with a works cited page

Where: Find all resources, templates, and directions in your Google Classroom

When: Working in class 5/18 - 5/24

Presenting rough draft and making edits 5/25 in the Library!

Presenting FINAL 5/26 in the Library!

\*\*\*You're going to be absent? Submit your Google Slides, Outline, and Works Cited <u>before</u> 5/26 and be ready to present to your teacher or class\*\*\*

**Why**: How do the lives and work of famous mathematicians relate to our district's mission statement, the SMPs, and our work in Grade 8 Math?

## How will you demonstrate your understanding of this question:

- o Create an Instagram feed as the mathematician you choose to research
- o Include a profile picture of your mathematician (use a true photo of your mathematician if possible)
- o Create an insta bio for your mathematician. This is where you include things like Birthday, Hometown, Astrology sign, Significant other...You get the gist :)
- o Research things about their life OUTSIDE of math
  - What were they like as a person? (WHaaaaaaT mathematicians are people?
     Yea I know hard to believe)
  - o How does your mathematician exemplify our Mission Statement?
  - o How does your mathematician use the SMPs?
- o Research things about their life involving math
  - o What did they discover?
  - o Who did they work with?
  - o How does this relate to what WE do in our class?
  - o Are there any connections to the mission or SMPs?
- o Create 6-8 posts that include a **relevant photo** and summaries of your research explaining the photo as your caption
- o Be prepared to share your feed with classmates AND teachers briefly on 5/26 in the Library in the form of a gallery walk. (You will assume the role of your mathematician as you present and answer questions from your classmates)



# MECHANICSBURG AREA SCHOOL DISTRICT

## **OUR MISSION STATEMENT**

The mission of the Mechanicsburg Area School District is to develop:

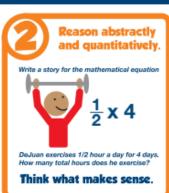
- Resilient, self-directed learners able to achieve personal goals
- Critical and creative thinkers capable of transferring knowledge to new situations
- Collaborative team players with effective communication skills
- Productive, responsible citizens in a diverse and ever-changing global society

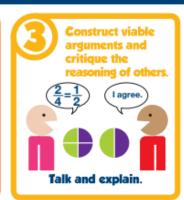
## **OUR VISION**

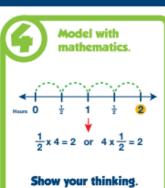
A Learning Community Inspired to Explore ~ Empowered to Innovate





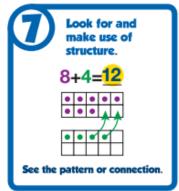














Grading Cl	hecklist: Name:
/5	Research is <u>clearly outlined</u> and <u>typed</u> in an organized manner (use the template to assist you)
/2	Research is presented in the form of an <u>Instagram</u> <u>profile/feed</u> using the provided template in Google Slides
/30 5 points per post, 2 for the photo 3 for the caption	Profile includes <u>6-8 posts</u> (six minimum, each post after 6 will be worth 1 bonus point up to 8 posts). Posts include <u>both a photo AND caption</u> . Photos and captions are relevant to each other, the mathematician, and the research conducted
/4	At minimum, <u>4 sources (NOT including Wikipedia</u> ) must be used to conduct research. ALL sources must be sited on a separate "Works Cited" page attached to the outline
/5	All work is <b>neat, organized, AND creative</b> !! No photos are stretched or distorted, posts are unique, thoughtful, and in timely order (unless posted as a "throwback".
/2	On-topic discussions as your mathematician with classmates and teachers on 5/26 (See your teacher if you will be absent this day)
/4	At least one post includes a connection to our <b>Mission Statement</b> , <b>AND</b> and at least one post includes a connection to the <b>SMPs</b> (BONUS point: if one post relates the mathematician to <b>yourself</b> )
NOTE:	There will be a <u>10% deduction</u> for every school day that this project is late. <u>After 6/5, the grade will be entered as a zero and will not be adjusted</u> .

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## **Checklist with Goal Dates:**

(5/18)	Read and understand the Instagram Project directions
(5/19)   mathematic	Pick your mathematician - do NOT research until you OFFICIALLY sign up for your cian
	Begin researching information about your mathematician and organize this information ine (a template is provided to help you)
(5/19)(	Copy and paste links used for research into the outline to help create your Works Cited
(5/22)   into an outl	Finish researching information about your mathematician and organize this information ine
(5/22)	Copy and paste links used for research into the outline to help create your Works Cited
(5/22)	Develop an Instagram username that suits your mathematician
(5/23)	Find pictures that correspond to and relate to your research
	Copy the photos into your Google Slides Template (we will edit the photos later in the is best to find all of your photos first)
(5/23)	Find a profile photo for your mathematician
(5/23) profile (Slid	Crop your profile photo (circle) and post photos (square) to fit the Instagram account e 1)
(5/23)	Order your photos/posts
(5/23)	Crop each photo for each post into a square and align it on the template (slides 2-9)
(5/24)	Develop captions for yours posts (use hashtags and emojis appropriately)
(5/24)	Identify which post relates to the mission by tagging it "#MMSMission"
(5/24)	Identify which post relates to the SMPs by tagging it "#SMP"
	Identify any bonus posts (two extra posts, and/or post relating to self) by tagging them t" or "RelatesToMe"
(5/24)	Prepare for discussions and questions you may get for each post!
(5/25)	Practice your discussions and make edits as needed (LIBRARY)
(5/26)	FINAL Presentations (LIBRARY)
_	TURN IN ALL PARTS OF YOUR PROJECT IN GOOGLE CLASSROOM! Your teacher will this unless it is TURNED IN!
(	Google Slides (Instagram profile and posts)
(	Outline of Research
\	Works Cited (4 sources NOT including Wikipedia)