Mathematician's Are Like Me!

Greek Mathematician Pythagoras is considered by some to be one of the first great mathematicians, living around 570 to 495 BC. Since then, many mathematicians from across the world have contributed to the modern day math we have come to know. Often we don't think of ourselves as similar to mathematicians, but if you do some digging, you might be surprised to see just how alike you are!

For this project, students will complete two tasks, combining together for one formal grade.

Part 1: Poster

Students will do research to find a mathematician to whom they have a connection. The connection could be cultural, religious, similar interests, an actual relative, or any other connection that you discover. Once you select a mathematician, you will need to learn more about that person using at least three different resources. You resources must be varied (they cannot all be online resources). Once you have completed your research, you will create a poster using the template provided by your teacher. All components of the template must be completed. The rubric below explains how the poster will be graded.

6	4	2	0
Poster is completed with all parts provided on the template.			Poster is missing parts from the template.
Poster is engaging, inviting, neat, and easy to read.			Poster quality shows minimal effort. Poster is not neat and does not engage passers by.
Poster content is academic and appropriate for all audiences at South Charlotte, including text and photos.			Poster contains content that is not academic and would not be appropriate to share with the school.
Poster has correct spelling, punctuation, and grammar.			Poster has spelling, punctuation, or grammar errors
Poster lists at least 3 sources. Sources must be varied (cannot all be online references).	Poster lists at least 3 sources, but they are all the same.	Poster lists less than 3 sources.	Poster lists no sources.
All poster due dates were met.	Some poster due dates were not met.		All poster due dates were not met.

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Due date: November 16th

Part 2: Group Work - Create an Impactful Product

It is so important that all students know that mathematicians are like them. With a group assigned by your teacher, you will work to find a way to spread the examples that you have created to either South Charlotte Middle School or beyond. Your group may decide to make a video, a pamphlet, a children's book, a website, or any other project that allows the message to be shared. Beyond creating the project, students will be expected to put the project into action in an impactful way. For example, if a group decides to create a children's book, they might go to an elementary school class and read the book to students. The rubric below explains how the product will be graded.

6	4	2	0
Your group created a professional product that conveys the message "Mathematicians Are Like Me!"	Your group created a professional product, but the message was unclear.	Your group created a product, but it was unprofessional.	Your group did not create a product.
Artifacts from the implementation of the product were submitted to the teacher.			No artifacts from the implementation of the product were submitted.
Your group implemented the product in an impactful way.	The impact of your product was small.		Your product did not leave an impact once it was implemented.
Your peers believe that you were an active participant in the creation of the product.	Your peers believe that you could have been a better participant in the creation of the product.		Your peers reported that you did not contribute to the project.
Your peers believe that you were an active participant in the implementation of your product.	Your peers believe that you could have been a better participant in the implementation of the product.		Your peers reported that you did not contribute to the implementation of the project.
All product due dates were met.	Some product due dates were not met.		All product due dates were not met.

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Timeline and Due Dates:

- Group assigned by teacher - November 19th
- Group selected product and implementation (submit on google form) - By November 26th
- Group creates product and submits to teacher - By December 18th
- Group implements product - By January 11th
- Group submits artifacts of implementation to teacher - By January 14th
- Peer review of group members - By January 14th