

Mathematicians: More than Just White Dudes

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The image shows a Google search interface for the term "mathematician". At the top, the Google logo is partially visible. Below it, the search bar contains the text "mathematician". The search results are filtered to "IMAGES". A row of suggested filters includes: ramanujan, euclid, pythagoras, archimedes, sir isaac newton, rene descartes, aryabhata, bhaskaracharya, and brahmag. Below the filters, a grid of image results is displayed. The first row includes: a man in a suit with the word "Mathematician" overlaid; a man pointing at a whiteboard with mathematical formulas like $(a+b)^2 = (a-b)(a^2+2ab)$ and $x+y=2<2$; Albert Einstein writing $R_{ik} = 0$ on a chalkboard; and a portrait of an older man. The second row includes: a portrait of an older man with a white beard; a woman standing in front of a chalkboard filled with complex mathematical equations; a woman pointing at a whiteboard with various mathematical formulas; and a postage stamp of Srinivasa Ramanujan with the text "VASA RAMANUJAN" and "1887-1920".

A few things before we begin...

This is my 3rd year teaching.

I actually majored in history.

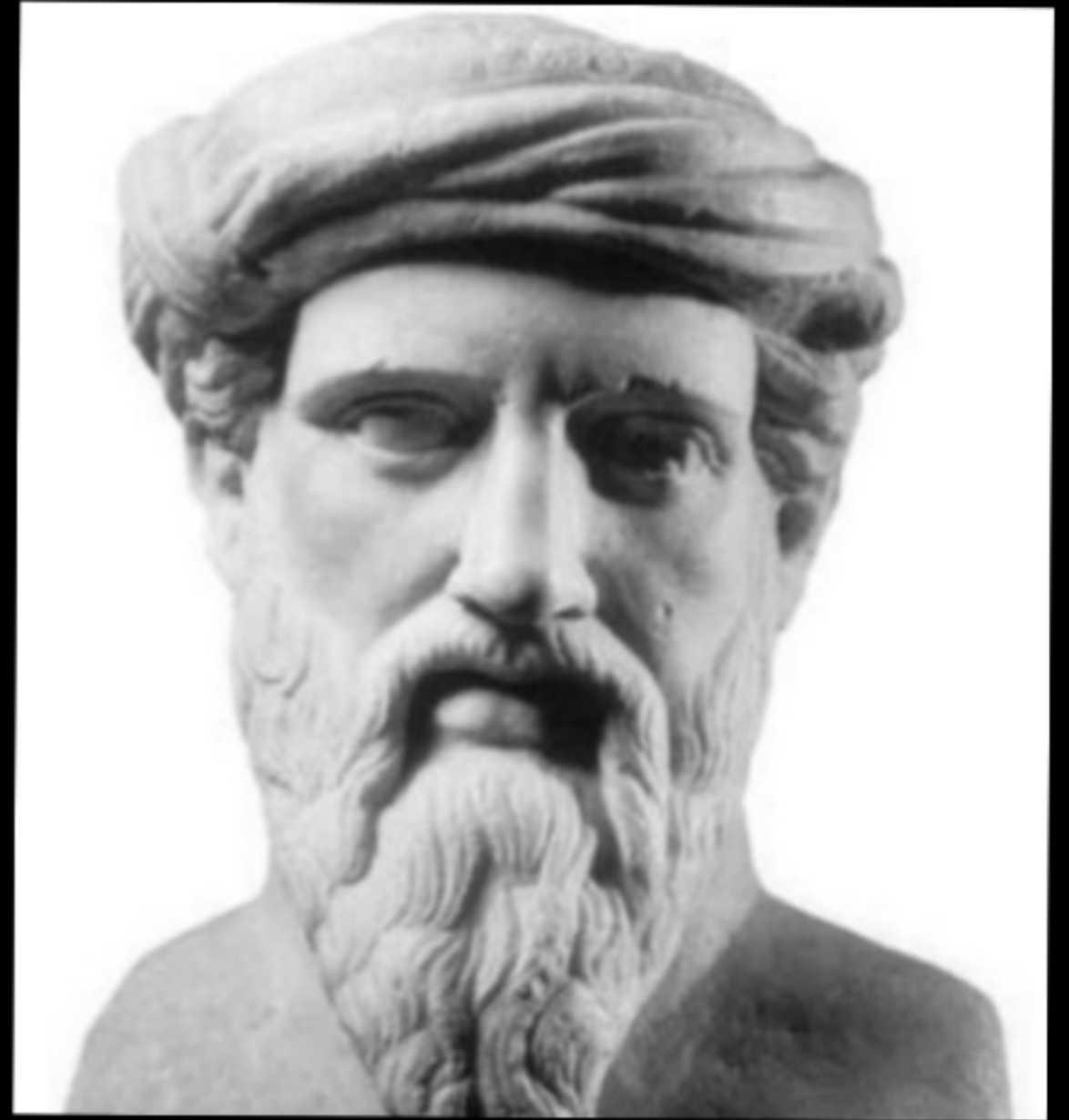
The students I work with ...

Not my idea.

#Gaussin
4lyf

Emilio vs.

Pythagoras



The Mathematicians Project

Anyone except old, white, rich, dead men.

What's included:

- Name, d.o.b.
- Ethnicity
- Background biography
- Major accomplishments
- Mathematical Specialty

Concha Gómez

Mother- Cuban, Father - Italian American

University of Wisconsin Madison

Dropped out after 2 years

San Francisco

University California Berkeley

BA, Ph.D

Noetherian Ring

Teaches at University of Wisconsin Madison

Specialty: Logic



Other Mathematicians...

★ Fan Chung
(Taiwanese)

Ada Lovelace
(English woman)

★ Ismail Mustafa al-Faliki
(Egyptian)

Kelly Miller
(African American)

Marian Pour-El
(American Woman)

Diego Rodriguez
(Mexican)

José Adem Chain
(Mexican)

•
Abu Ja'far Muhammad bin Musa Al-Khwarizmi
(Persian)v

Alberto Calderon
(Argentinian)

★ Diego Rodriguez
(Mexican)

Maryam Mirzakhani
(Iranian American)

Robert Eugene Megginson
(Native American)

Cheon Jung Hee
(Korean)

Artur Avila
(Brazilian)

★ Maria Chudnovsky
(Woman)

Elbert Frank Cox
(African American)

★ Martin Guerra
(El Salvadorian)

Vivienne Malone-Mayes
(African American)

David Blackwell
(African American)

Emmy Noether
(German)

Euphemia Lofton Haynes
(African American)

Srinivasa Ramanujan
(Indian)

When researching...

1 website



Martin Guerra

Faculty Member - Mathematics, University of El Salvador

Prof. Guerra has a Masters degree in Applied Mathematics from the Centro de Investigacion y de Estudios Avanzados of the Instituto Politecnico Nacional de Mexico, a Masters degree in Mathematics Education from Universidad Autonoma de Barcelona (Spain) and has advanced to candidacy in the Ph.D. program in Mathematics Education at the same university. His main research interests are differential equations and dynamical systems. Prof. Guerra has been part of the organizing committee of many mathematics events at the UES in the last several years. Prof. Guerra will oversee all the local arrangements related to the Institute, including the facilities at the university (rooms for the lectures and working sessions, audio/visual equipment, the computer laboratory for the educational activities, participant accommodations, and local transportation). In addition, Prof. Guerra will be in charge of advertisement and selection of local and regional participants through the use of existing communication networks in Central America.



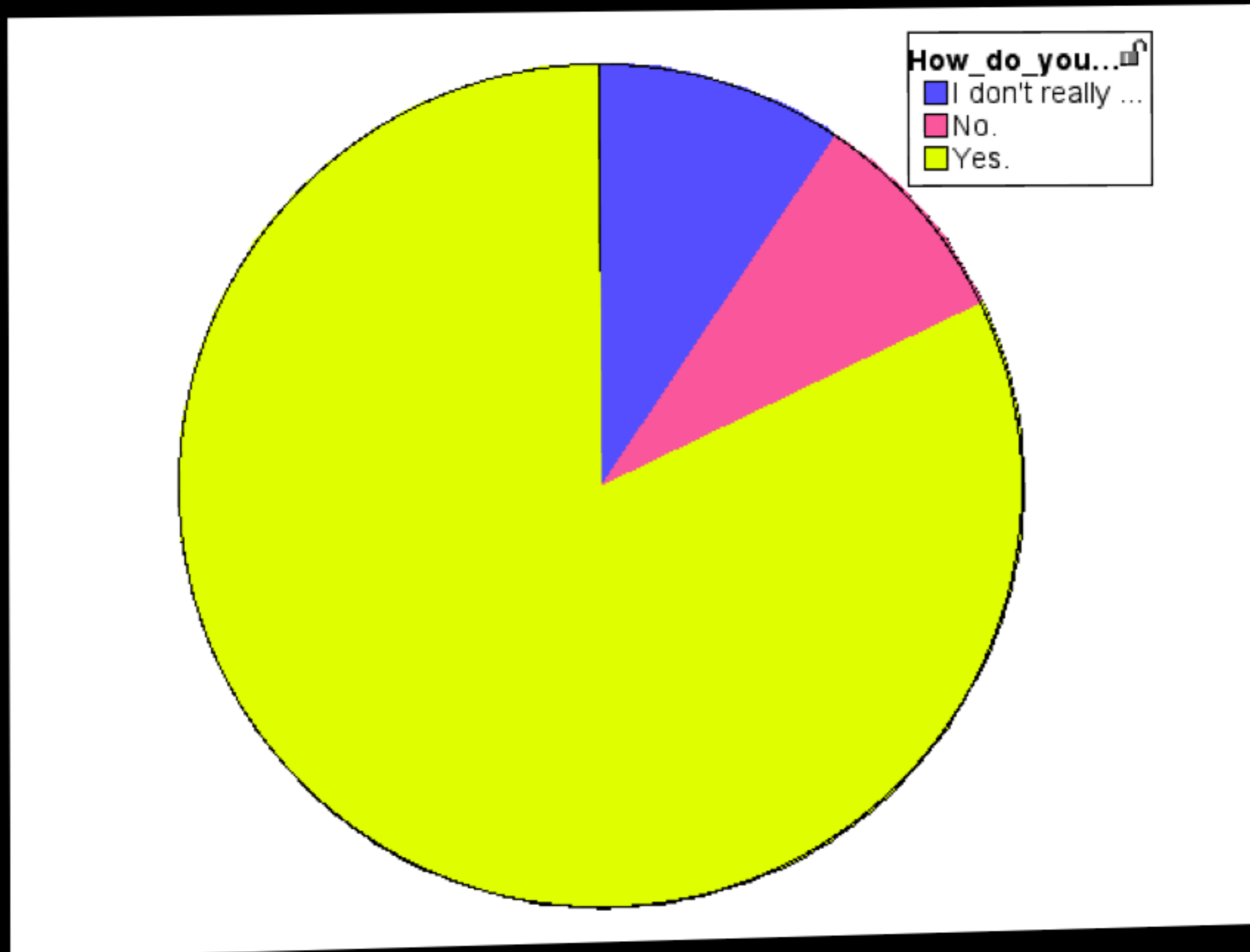
Ms. Perkins

African American
Mexican
Latino/Latina
Native American
Women
Korean

My Students

Haitian
Nun
Mixed skin girls
More Mexican
South American
Canadian
Japanese
Blasian people (mixed Asian Black like me)
Black
American females
Mexican female
Ethiopian
I just want to hear more about women
Brazilian, Korean, and just any other mathematician besides white people
People from the Bahamas
A Irish guy because I would like to learn more about the country that I love
Mixed
GIRLSSSSSSSS 🙄🙄🙄🙄🙄
More Mexican men
Asians or latins... Or Mexican....
German or British
I do not care as long as they are still interesting and influential
More Native American
Monk
Ecuador
Vietnamese Arabic Brazilian Colombian
French female
Polish female
Norwegian female
Puertorican
Deaf
Egyptian
LGBTQ MATHEMATICIANS!!!!!! NONBINARY AND TRANS MATHEMATICIANS!!!
Japanese Hmong
African
A GUY NAMED BOBBY
Someone who loved on a teeny weeny island but developed an incredibly helpful math theory

Do you like the mathematicians project?



Has the mathematicians project changed your opinion of who can be a mathematician?

No, because I already knew everyone could be a mathematician.

No, I don't care as long as they do math and I do me.

Yes, because I finally know about people that are good at math other than white men.

What do you remember about the mathematicians?

That Artur Avila liked to do math in water.

Ada Lovelace did amazing things when she was young.

Artur Avila studies literally in the ocean, and Maryam Mirzakhani won the fields medal and Ada Lovelace made some computer thingy and I think it was David Blackwell who attended Morehouse College.

They all have their own style of math which I really like.

One guy did coding for computers, like the inputs and outputs.

Most of them had specialities that didn't have anything to do with life.

I liked how she was a girl and how she was African American but I forgot the history about her.

Anything else?

I think you should do this every year until you stop teaching.

Stop.

I like knowing that women try so hard to get where they are, it shows that women are just as strong.

Well done. 👍

Boring.

Sometimes I want to grow up and know math that no one knows about.

Do any like cows?

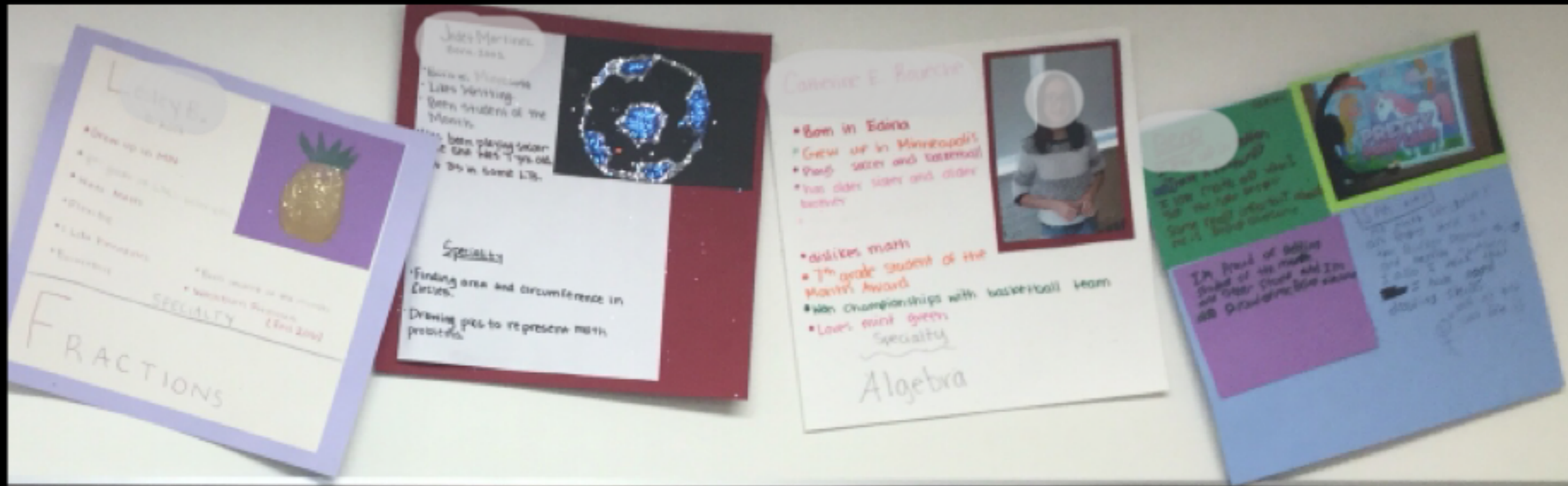
I believe that it has helped me and others I think that most students believe half their life that only dead white dudes are mathematicians. every time you present I feel like anyone could be a mathematician. And I am very thankful for you Ms. Perkins

It passed time and it was better than class work.

Not to be racist but... I only like it when a black person is being presented because not a lot of people believe that blacks are smart or not even think a black person can be a mathematician. Thank u

When we made our own that was cool.

Student Projects



Name

Year of Birth

General Biography

- School attended
- Early life
- Family/friends
- Why math?

Accomplishments

- Places worked
- Awards received
- Things you are proud of

Specialties

- Include one math thing
- Can include non-math things

Really
flattering
photo



Next Steps

- Mathematicians Wall
- Contacting Living Mathematicians

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