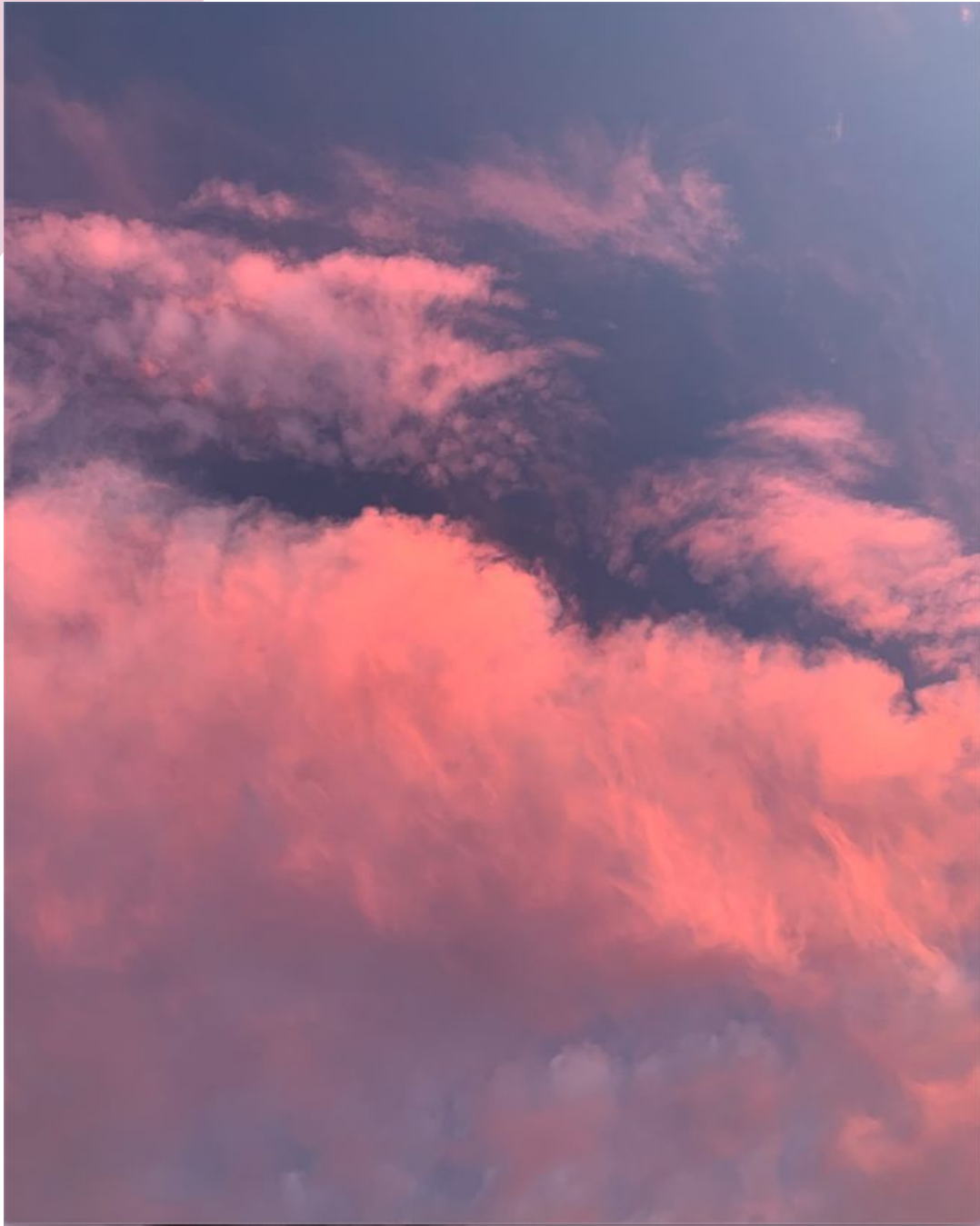


VOLUME III // JANUARY 2021

THE 28 PERCENT

Women make up only 28% of the STEM workforce.
This newsletter aims to change that.



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sign up!

wednesday dec. 13 @ 9 am - 9:30 am***Learning Space with NASA***

Learn about climate change and what NASA is doing to study it from space! In this webinar for students, education specialists Lyle Tavernier and Brandon Rodriguez from NASA's Jet Propulsion Laboratory will discuss how NASA uses satellites to collect data on everything from Earth's global temperature to its rising seas. You do not need to register to attend! Only to ask questions!

15

sign up!

friday jan. 15 @ 2pm - sunday jan. 17 @ 2:30pm***ElleHacks 2020***

ElleHacks is the largest hackathon created for women and non-binary individual. Ellehacks is open to all experience levels with challenges related to Artificial Intelligence, Coding, Game Development, Digital Media, Business and design thinking, App development and Cybersecurity! We welcome women from a variety of technical and creative disciplines to participate in a collaborative, technical project in an inclusive and safe space. Learn more via the website!

16

sign up!

saturday december 16 @ 10am - 4pm***Superposition EmpowHERment***

Our EmpowHERment Conference aims to inspire women of all backgrounds to become proactive leaders in today's society through workshops, panels, and scholarship opportunities. Check out the speaker lineup and learn more about Superpositon and their role in working to bridge the gender gap in STEM here!

20

sign up!

wednesday jan 20 @ 2:30pm***Academy for Enterprising Girls Mini Youth Incubator***

This holidays, the Academy for Enterprising Girls (AEG) in collaboration with Young Change Agents is offering girls aged 10-18 the opportunity to be part of a nation-wide mini Youth Incubator experience. You'll get matched with a mentor, participate in masterclasses and get the chance to build our your brand, business model and prototype!

Girls Who Code

Summer Immersion Program

The Girls Who Code Summer Immersion Program is now gathering interest for the summer of 2021! This program is a 2 week long immersive program for girls and non-binary students in 10th and 11th grade. In these couple weeks, program attendees will learn the basics of coding, be exposed to tech jobs, and work on projects with the goal of fostering and bettering their community. The program is \$300 for two weeks, but there is a full-cost need based stipend offered. No experience necessary - if you are interested, fill out the interest form [here!](#)

Girls Who Code is an organization run by entrepreneur and activist Reshma Saujani with the goal of closing the gender gap in tech.

They have served 300 thousand girls through the Summer Immersion Program, Clubs, and the College Loop - 50% of them coming from historically underrepresented groups, including girls who are Black, Latinx, or from low income backgrounds. Learn more about the organization at [girlswhocode.com!](https://girlswhocode.com)



Alexandria Ocasio-Cortez

written by Maddie, 9th grade

Alexandria Ocasio-Cortez is an American political figure who is a role model for many activists today. She grew up in the Bronx in a Puerto Rican family. The financial crisis of 2008 led her to work as a waitress. Her younger brother nominated her for Brand New Congress, a group trying to find progressives that could challenge the stereotype that comes to mind when someone is thinking of a politician.



Official portrait, 2019

She then ran up against Congressman Joe Crowley in 2018, as the underdog with a 1-10 ratio of fundraising. She was also the first opponent for Congressman Crowley in 14 years. After a stunning win by 4,000 votes she was the youngest woman to be elected into congress at age 29. Afterwards, she helped introduce the Green New Deal, as well as speak out against abortion and border issues. She reported on her experience seeing of poor conditions for migrants at the hands of U.S. Border Patrol. Ocasio-Cortez has been through what many millennials have, the 2008 economic crisis, working multiple jobs, student debt, and above all, feeling like the system did not care. Now because of this, Ocasio-Cortez strives to make a better future. Today, she is 31 years old and recently played the popular indie game Among As to urge the American people to vote, as well as open a service called Homework Helpers for kids to be tutored, which closed after 13,000 people signed up to help. Alexandria Ocasio-Cortez is an influential woman in politics that has and continues to inspire many people of all walks of life today.

Reflecting on 2020

Written by Emma, 9th Grade

Last semester was a unique experience for everyone considering school was online. Looking back at this time of year last year, I remember doing a project that I am still pretty proud of and really enjoyed doing. In the very early days of January 2020, I wrote an essay about women's rights and the process throughout history that women went through to gain these rights.

I remember the assistant principal pulled me out of history class and asked me to write an essay even though it wasn't for a grade. I said yes, so she gave me a giant stack of papers explaining 100 years of protesting for women's rights and I did *not* think I would be able to complete it by the due date, but I tried anyway. I went on and read through all the papers and became really interested in the topic, which in the end helped me complete the project.

I learned throughout my experience writing this essay that it is really important to stay determined and to do things that you enjoy and are passionate about. When you do things that you put passion into, they become some of your proudest achievements. Even though it was just a small assignment that wasn't the most important thing in the world, I remember it because of the experience I had while completing it. Something I learned while writing that essay that I think we should all remember during these coming months is to find and continue any passions you have even when things seem difficult.

***the girls that made this newsletter
possible:***

Emma, 9th Grade
Violet, 9th Grade
Jaidyn, 9th Grade
Celeste, 9th Grade
Madeleine, 9th Grade
Morgan, 9th Grade
Kira, 9th Grade
Ms.Orret, Advisor

& everyone else on the WIS newsletter team

Check out our website:

[https://msorret.wixsite.com/
onlineclassroom/women-in-stem-newsletter](https://msorret.wixsite.com/onlineclassroom/women-in-stem-newsletter)

***have a question? want to get involved?
want to be featured on next month's newsletter?***

Email Ms. Orret!

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