

VOLUME II // DECEMBER 2020

THE 28 PERCENT

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



Created by Kira, 9th grade

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sign up!

friday dec. 4 @ 3pm - sunday dec. 6th @ 2pm

Tech Together: New York 2020

This FREE virtual hackathon for women and non-binary individuals ages 16+. The theme is Embracing Uncertainty and participants will work together to build a project that can help individuals and communities make the most of these difficult times. Open to everyone and anyone interested in STEM - from complete beginners to experienced hackers!

4

sign up!

friday dec. 4 @ 4pm - sunday dec. 6th @ 2:30pm

Virtual CodeDay

Join middle school and high school students for this free coding weekend! Make new friends and work together to make a new app or game! Plus - a virtual gaming tournament, workshops, prizes and more! The theme is "For the Future" and you will be put into teams through the convention discord on the first day. No prior experience necessary and completely online!

5

sign up!

saturday december 5 @ 2:00 - 4:00 pm

G.I.R.L.S. Conference

In the 6th annual Girls Inspiring Real Leadership in STEAM event, women from 6th-12th grades are invited to come listen to a selected group of female speakers. The goal of this conference is to inspire young girls to pursue careers and leadership in STEAM.

12

sign up!

saturday december 12 @ 10:00 - 11:00 am

CSEd Hour of Code

During this Hour of Code, attendees will learn the basics of coding video game mechanics by building a short, simple, browser-based game. The game development platform is on an easily-accessible website, so no downloads are required. This session is suitable for 9th - 12th graders!

Kode with Klossy Coding Camp

written by Emma, 9th grade

Karlie Kloss, an American fashion model, was interested in math and science as a kid, so much so that she thought she would become a doctor like her father. Although her modeling career changed that, she was still interested, so she decided to learn how to code, taking her first coding class at the Flatiron School of New York. Just a year later she started to offer scholarships for coding classes for girls, before she started Kode with Klossy in 2015, a program Karlie created to teach teenage girls from ages 13 to 18 how to code.

Those who participate learn programming basics in Ruby, JavaScript, Swift, CSS, and HTML, and “By the end of the camp, they build fully functional mobile apps or websites.” Vivian Wang, who wrote about her experience in a Kode with Klossy summer camp said, “After participating in Kode With Klossy, I feel empowered to use STEM to do good for our communities near and far. When applying for Kode With Klossy, we were asked what we would do with our coding superpowers. I applied with an uncertain answer, but now I’m confident that I want to use my coding superpowers to promote environmental sustainability and change the world.”

Taken by Morgan, 9th grade



The program doesn’t just teach young women to code, but it helps them find confidence and affirmation in their interest in coding. Karlie answered in an interview, “There is so much more to Kode With Klossy than teaching the technical skills. The girls apply their learning to creative projects that are meaningful to them, whether that’s in fashion, music, social activism, environmentalism or sports. Even if they don’t choose careers in the tech world, our goal is to show them that code can be applied to whatever it is they’re passionate about.”

Kode with Klossy camps are stretching across more of the US, and they are trying to include locations where girls wouldn’t normally be able to have this kind of education. Karlie stated, “Only 40 percent of schools offer computer science education”, so it is important for programs like Kode with Klossy to expand to more locations, so that everyone can have the opportunity to learn. Learn more and apply [HERE!](#)

Sor Juana Inés de la Cruz

written by Celeste, 9th grade

Sor Juana Inés de la Cruz was an influential Mexican poet, self-taught scholar, and nun born in the 17th century. Known for her brilliance at a young age, her radical views on women's rights at the time, and as a leading literary figure of the Spanish Golden Age. At the age of twenty she joined the Convent of the Order of St. Jerome in order to avoid marriage, and continue her pursuit of knowledge. As a nun she amassed a large library, wrote poems, plays, and studied all branches of knowledge. Three of Sor Juana's most famous works are "You Foolish Men", "First Dream", and "Reply to Sor Filotea".

"You Foolish Men" is a poem that talks about the hypocrisy of men, how they find fault and blame women for the very qualities they too possess, as well as the double standard for women when it came to sexual relations. "First Dream" recounts the quest of a soul for knowledge through the retelling of a dream, and reflects Sor Juana's own quest for knowledge. "Reply to Sor Filotea" was written in response to a Bishop who had without her permission published a critique of sermon Sor Juana had written, and admonished her to devote time to religious study rather than secular. In her response Sor Juana defends the intellectual rights of women, and talks of her own intellectual journey.



"Who has forbidden women to engage in private and individual studies? Have they not a rational soul as men do?...I have this inclination to study and if it is evil I am not the one who formed me thus – I was born with it and with it I shall die."

Our Favorite Keyboard Shortcuts

Written by Morgan, 9th Grade

Thank you to everyone who participated in the survey!

Tired of right clicks, scrolling to the opposite end of the screen, or having to meticulously drag your mouse across an entire document? Try keyboard shortcuts- a quick way to select, delete, copy, paste, add, maximize, minimize, and more! We conducted a survey here at APP Academy, asking people which keyboard shortcuts were their favorite/found most useful. Let's take a look at the top 19 shortcuts for Chrome and top 28 for Mac.

Click on the links below depending on your device!

Chrome

Most Common
Shortcuts

Writing/Format

Mac

Most Common
Shortcuts

Writing/Format

Symbols

In conclusion, keyboard shortcuts are a quick and easy way to complete tasks on a computer, in this case on a Chromebook or Mac. I hope you found this entertaining and helpful! For reference, <https://support.google.com/chromebook/answer/183101?hl=en> is where you can find all the shortcuts for Chrome and <https://support.apple.com/en-us/HT201236> is where you can find all the Mac shortcuts. Hopefully you will use these keyboard shortcuts ∞, which is by the way *option 5*.

***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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