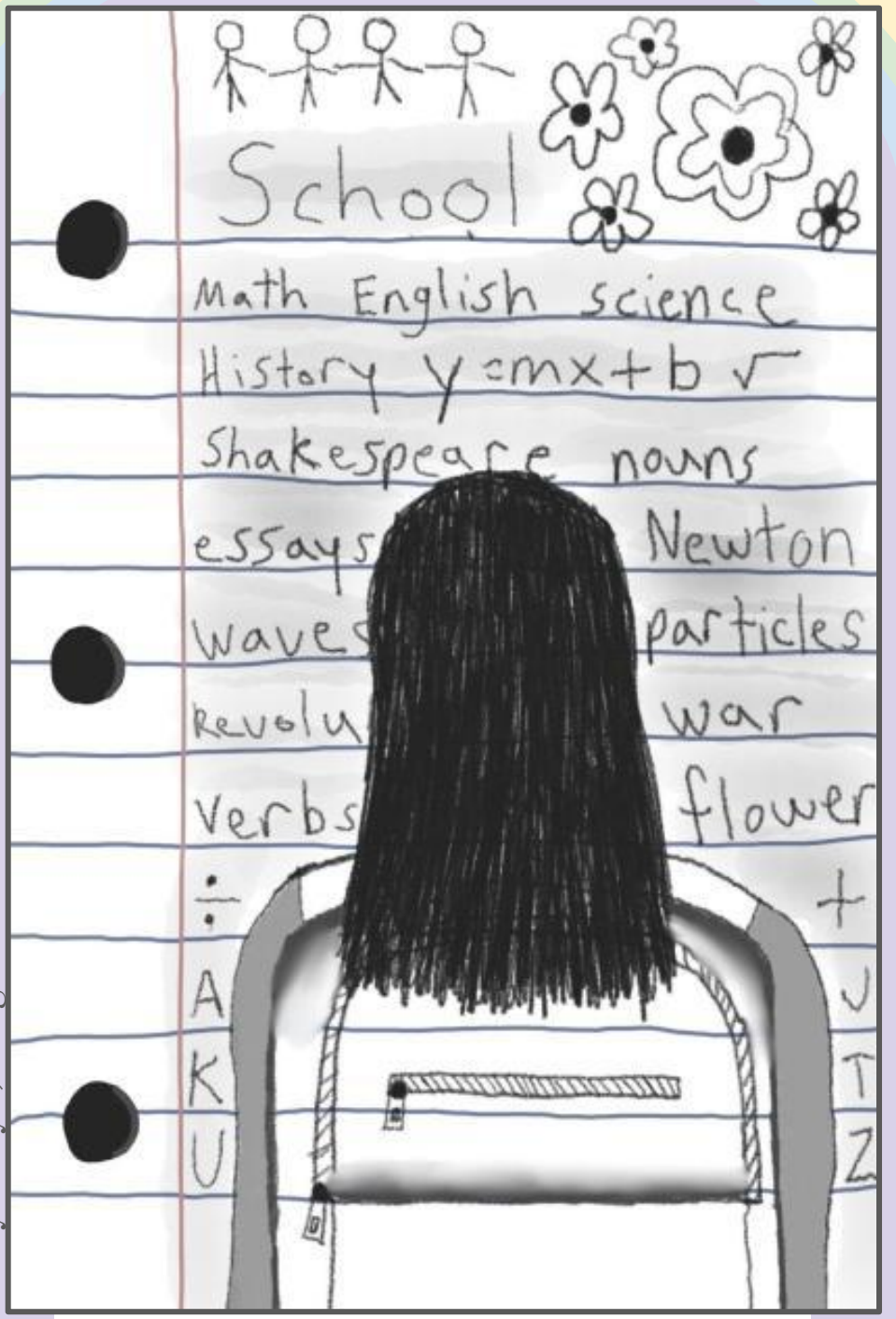
VOLUME IV // JUNE 2021
happy pride month!

THE 28 PERCENT

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



by Jaidyn, 9th grade

8

sign up!

tuesday june 8 @ 3:30p, - 4:30pm

Guide to Landing a High School Internship

Hana Memon (She/Hers) is a second-year computer science college student dedicated to mentoring the next generation of young women in technology. In high school, she learned to code at Kode With Klossy in 2018 and attended dozens of hackathons. Now, as a college student, Hana serves as the Secretary for her college's Girls Who Code Club and is a research assistant in an HCI lab where she is using machine learning to build more accessible technologies. Attend her workshop on landing an internship in high school!

23

sign up!

wednesday june 23 @ 7am - 8am

Stemettes 'International Women in Engineering Day' Showcase

An hour-long event celebrating the contributions of women to STEM on International Women in Engineering Day 2021 and seeking action to build a better STEM industry for the future. Come along to catch up on recent Stemettes happenings, hear from inspirational STEM role models, and hear more about supporting the work of charity Stemette Futures.

27

sign up!

sunday june 27 @ 10am - wednesday june 30 @ 5pm

Girl Con Digital 2021

GirlCon is a virtual event taking place ONLINE for its fourth annual conference (Registrants can pick and choose the sessions they will attend based on availability). GirlCon will have various workshops and keynote speeches throughout each day of the week-long event that illustrate how technology is ingrained into every field. The lack of womxn in tech is a big issue that everyone on the GirlCon team is striving to fix. Our goal is to provide girls with connections to successful women in their choice career field: we want every girl to feel empowered to reach her potential!

30

sign up!

wenesday june 30 @ 9am

Asteroid Day

This year we celebrate the 25th launch anniversary of NASA's NEAR-Shoemaker spacecraft and the 2021 launch of three new asteroid missions, NASA's Lucy, NEA Scout and DART – the world's first mission to test an asteroid deflection technique. The 2021 Asteroid Day LIVE program will include interviews with key personnel from the missions of yesterday and tomorrow. It will explore how technologies have changed, what scientific surprises were waiting on the asteroids, how the goals of the missions have evolved, and what the future has in store for asteroid research and planetary defence.

Summer College It Girls Course

Stephanie Worden, Syracuse University

Do you know students interested in technology? Those looking to study how misinformation is impacting society, politics and business? Or seeking an innovative major that offers career paths to places like Amazon, Google, consulting, government or non-profit?

If so, we encourage them to apply for the Syracuse University Summer College It Girls course.

In this 3-week online course, they will:

- Participate in hands-on activities that teach them how to use data and technology to solve problems in any subject.
- Explore how security is woven into everything we do.
- Discover how design choices influence behavior.
- Learn how social media influences our world.
- Personally connect with people who work for companies like Salesforce, Facebook, TripAdvisor and Uber.
- Be introduced to a network of women in the tech field who will empower them to become a stronger leader, problem solver and critical thinkers

Generous scholarships covering 100% tuition and 50% tuition are available to applicants.

The application deadline has been extended to June 15. Applications and scholarships are considered on a rolling basis.

Sally Ride

Written by Violet Chandler, 9th grade

If you're looking for another amazing scientific woman to worship (which you inevitably are), look no further! Sure, you may have hear of Sally Ride, but do you really know the extent of her contributions and accomplishments in the field of STEM? Most famously, Ride made history on June 18, 1983 by being the first American woman in space, but she worked hard throughout her life to get there. Ride was born in California on May 26, 1951. Though neither of her parents were physical scientists, she credits them with investing an interest in exploration in her from a young age. Ride attended high school on a partial tennis scholarship, eventually leading her to be accepted into Standford, one of the most prestigious colleges in the US. After finishing her studies at Stanford, Sally bested thousands of applicants and was selected as one of NASA's first 6 female astornauts. Her first and most iconic trip to space occurred as a specialist on Challenger, NASA's 7th shuttle mission. Ride launched a second time on a different Challenger mission, making history again. Even after her time in space was cut short, she still continued to work at NASA as an accident investigator and play a role in discovering what happened in the tragedies of 1986 Challanger and 2003 Columbia. After her NASA days, Sally became a professor at San Diego college, and used her influence to cofound a charity to support children - especially girls - in their interest in STEM with her partner Tam O'Shaughnessy. Sally Ride died at age 61 in 2012 after a 17-month-long battle with pancriatic cancer. Though Ride only officialy came out as gay in her obituary, she has also made a large impact as a representative for the LGBT+ community in the field of STEM. Sally Ride lived an impactful, inspiring life and it's incredibly sad that it was cut short by disease. I hope this biography on the life of the first female astronaut Sally Ride was informative and inspiring, proving that anyone really can do anything.

thank you

written by ms. orret

This is the last newsletter of the 2020-21 school year - I can't believe it! This newsletter started on September 24, 2020 as just an email with an idea - and I am incredibly grateful and proud of what it has become today. In this past year, we have published 8 newsletters, promoted and attended events, and featured so many amazing voices within the PHS community! I hope to continue holding and expanding this space for women to keep creating and advocating for years to come. But, just for a moment, I want to take some space to extend some huge thank yous.

To every subscriber of this newsletter, ***thank you!*** Thank you for reading, for sharing, for responding, for subscribing, and for the endless support. Without this amazing community, this newsletter would not be the same. I specifically want to thank Principal Hernandez, for the constant encouragement and support throughout this year.

To everyone on the 28% team, ***thank you!*** Each of you brought a passion, an energy, and a creativity that was uniquely valuable. This newsletter would quite literally not be possible without all of you. Thank you for jumping on this idea, writing articles, creating artwork, taking pictures, designing layouts, and teaching me more than you can imagine. I am incredibly grateful and inspired by the work all of you have put into every single newsletter, even with everything else that went on during this crazy year. I am so hopeful for the future of women in stem and women in all fields - and it is because of all of you.

For now, we're still at 28%. But, who knows... we might need a title change soon enough.

"Let us choose for ourselves our path in life,
and let us try to strew that path with flowers."
Emilie du Chatelet,
mathematician, physicist, and author

06 // CREDITS & CONTACT

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
Vivien, 9th Grade
Ruby, 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

have a question? want to get involved next year? want to be featured on a newsletter?

Email Ms. Orret!

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