### The Center for Science and Mathematics Education Monthly Newsletter

csme@sfsu.edu | 🙆 @csme\_sfsu | 415-405-4190



## Welcome to January 2025



Happy New Year! CSME is wishing you all the best this new year.

The office will remain closed until January 27th, but we will be seeing a lot more faces around our office once we return now that Supplemental Instruction is returning in Spring. So, don't forget to come by and introduce yourself. You might even get a t-shirt.

Supplemental Instruction will officially be back at the start of the spring semester. If you are still struggling to fit a SI course into your class schedule, please let us know by emailing csme@sfsu.edu.

You may notice more signage this semester as we continue to put an emphasis on keeping our spaces welcoming and safe for students. We hope these signs serve as an important reminder that CSME is a place where students can build community and gain a network of peers that will support one another through their journey toward becoming STEM educators.

Cheers, CSME

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### WHERE TO FIND US

Our main office is located in the Creative Arts building in room 127. Feel free to drop by anytime for a quiet place to study or to grab a snack between classes. You're always welcome at CSME.



### **Learning Assistants**

Want to help facilitate active learning in science courses? Well, look no further. Become a Learning Assistant and support other students in science courses and earn credits in a unique and fun way.

### **Noyce STAJES**

STEM Teaching toward A Just and Equitable Society (STAJES) program is a National Science Foundation (NSF) funded program to provide scholarships to students who are committed to teaching science or mathematics in high-need school districts upon the completion of a single subject teacher credential program.

### SF Math Circle

SF Math Circle works to make math accessible, inclusive, and fun for 2nd through 8th graders in after-school classes and camps. We offer compelling, low-floor, high-ceiling activities that make mathematical thinking accessible and fun for students from diverse backgrounds.



SF Math Circle

### Supplemental Instruction

Take a fun one-unit SCI course to help study efficiently and effectively with your friends. Work in small groups on practice problems and activities to support learning in the parent STEM course with the help of two friendly undergrad facilitators.



STEM House

### **STEM HOUSE**

Local elementary classrooms partner with SF State by bringing their students to campus for an inspirational college science experience, complete with lab coats and goggles. STEM HOUSE arranges for undergraduate future teachers to spend a semester doing paired teaching with small groups of students in grades 3 through 5.

### **Teacher Fellowship**

Each year, CSME supports a cohort of STEM majors and credential students interested in being K-12 teachers. Teacher Fellows create a supportive community of aspiring teachers who gain experience in the field while earning their degrees. Teacher Fellows receive a stipend, extra mentoring, special seminars and access to a dedicated study center.

# **CSME EVENTS**

### CSME COFFEE CORNER

Curious about CSME? Interested in learning more about our programs? Want to know more about becoming a teacher?

Visit our CSME office in person and get your questions answered over a cup of tea and some snacks. We are here for you.

Stop by and receive free CSME swag.

**When**: Every Friday 12 pm - 1 pm

Where: Creative Arts 127



#### **TEACHER FELLOWS SPRING 2025 MEETINGS**

Interested in learning more about the Teacher Fellows program? Attend a seminar, get a tasty dinner, and meet other students who are exploring a teaching career. For more information, contact Arnold at arnoldkhampaseut@sfsu.edu.

**When**: 2/21, 3/21, 4/18 4:30 pm - 6:30 pm

Where: Creative Arts 126





### **Scholarships**

#### **Teacher Fellows**

Interested in becoming a K-12 STEM teacher and gaining support from a community of like-minded students who love science and math?

The Teacher Fellows Program is still accepting applications from students. Join Teacher Fellows and gain experience in the field while earning \$500 - \$1,500 a semester.

Visit our website to learn more about Teacher Fellows and consider applying to our program.

### **Opportunities**

#### SF Math Circle

SF Math Circle is now hiring for Spring 2025. Earn at least \$20/hour to work with small groups of elementary or middle school students as they explore interactive, hands-on puzzles and games.

To find out more information and to apply, visit <u>sfmathcircle.org/facilitators</u>

#### **Learning Assistants**

Apply to become a Learning Assistant today! If you're an undergrad passionate about chemistry, physics, astronomy, computer science, or math, Learning Assistants might be for you. Visit our website <u>csme.sfsu.edu/learning-assistants</u> or email Kim Coble (kcoble@sfsu.edu) to find out more information.

### Support

#### **Campus Resources**

SF State has an abundance of on-campus resources for students, ranging from food/shelter support to equity support.

Visit the student resources website at studentresources.sfsu.edu/resources

**CAPS:** If you're having trouble during this school year and need to talk to someone, visit CAPS (counseling and psychological services) <u>https://caps.sfsu.edu</u>

**TASC:** Find academic support at SF State's Tutoring and Academic Support Center (TASC). Visit their website at <u>tutoring.sfsu.edu</u>

**Safety:** If you're ever feeling unsafe around campus, call the police at (415) 338-7200 for an escort.

**The SAFE Place**: The SAFE Place is a survivor-focused, traumainformed program that provides **FREE** and **CONFIDENTIAL** support services to survivors of sexual assault, intimate partner violence, stalking, and sexual harassment (sexual violence) while working with campus partners to end sexual violence. Visit their website at <u>https://dos.sfsu.edu/safeplace</u>



2024 Learning Assistants class

# CSME'S MONTHLY BOOK LIST



We would like to share a selection of books and articles to help inform our community of ways we can be conscious of issues surrounding injustice and racism while celebrating the different cultures and identities that make our community rewarding and meaningful.

Stop by Creative Arts 127 and pick up something new to read.



**Teaching for Justice and Belonging: A Journey for Educators and Parents** by Tehia Starker Glass

Teaching for Justice and Belonging: A Journey for Educators & Parents provides a practical and powerful blueprint to unrooting racism in the educational setting. The book is an easy-tounderstand guide designed to cultivate an educational experience that inspires a culture of true belonging, liberation, and justice for all.

#### Is Everyone Really Equal?: An Introduction to Key Concepts in Social Justice Education

by Ozlem Sensoy, Robin DiAngelo

Accessible to students from high school through graduate school, Is Everyone Really Equal? is a detailed and engaging textbook and professional development resource presenting the key concepts in social justice education. The text includes many user-friendly features, examples, and vignettes to not just define but illustrate the concepts.



Can you find the value of the missing number in the diagram?



### P U Z Z L E C O R N E R

Do you have an interest in puzzles like this and teaching kids? Join SF Math Circle and teach 2nd - 8th grade kids while gaining teaching experience. Visit our opportunities page and find out how to join.

Got the answer? The first five people to visit our office, Creative Arts 127, with the correct answer will win a prize. The winners and the answers will be revealed in our next newsletter.

December's answer: 37

### FEEDBACK/DONATE

### We Would Love to Hear from You!

Your support and input at CSME is important to us. Let us know if you have feedback you'd like to offer—suggestions for student/teacher spotlights, book recommendations, etc. Have a club you'd like to advertise? Let us know about it!

Feel free to leave comments through the QR code or link provided! <u>https://sfsu.co1.qualtrics.com/jfe/form/SV\_74cHrE7WXy8imiO</u>

### Q&A

Got more questions about the Center or one of our programs? Fill out our Qualtrics survey and we'll get back to you.

Feel free to leave any questions through the QR code or link provided. <u>https://</u><u>gfreeaccountssjc1.az1.qualtrics.com/jfe/form/SV\_1YRXJxYRd5O9dNY</u>

### Keep Up With CSME News!

Subscribe to CSME's Mailing List and receive updates and announcements, including our monthly newsletters. Subscribe by clicking the link or scanning the QR code: <u>https://qfreeaccountssjc1.az1.qualtrics.com/jfe/form/SV\_2s1liWxVkuEPqu2</u>

### Donate to CSME

If you'd like to help CSME continue to support equity in STEM education and teacher preparation on our campus and across the Bay Area, please consider a donation to our program. Visit our website at <u>csme.sfsu.edu/</u> <u>donate</u>, click the 'Support CSME' dropdown menu, and select donate.

If you're interested in discussing a donation, contact our director, Tendai Chitewere (tendai@sfsu.edu).

#### Thank you!

### Follow Our Instagram

Keep up with CSME on our Instagram page at @csme\_sfsu! Get information about our events, programs, and important CSME updates.







