

Teacher Institute on Science and Sustainability



Join the vibrant and growing community of 3rd-5th grade Bay Area teachers. Become a life-long science learner, improve your science instruction, and ignite in your students a passion for science. Apply to the Institute today.

TISS is a transformative, two-year professional development program that includes school year workshops, school site coaching, and three summer sessions. The Institute enhances teachers' and students' understanding of science and sustainability.

"Thanks to TISS, I am becoming the kind of science teacher that inspires students to ask questions, wonder about the 'what-if,' and try some pretty wacky stuff."

- TISS 3rd grade teacher and alumnus

"I feel a swell of pride in knowing that I have been a part of the ideal in professional development, a sustained and focused program that created a community of teacher-learner-researchers discovering best practices through collaboration."

- TISS 4th grade teacher and alumnus

Features and benefits:

- » \$1,500 annual stipend
- » An annual class set of science notebooks for your students
- » Complimentary Academy membership
- » Five continuing education credits per year (fee paid by participant)
- » Guaranteed Academy field trip during the school year



Be a leader in science and sustainability

Summer Sessions

July 18, 2016 – July 29, 2016: Two-week summer session 1

June 19, 2017 – June 30, 2017: Two-week summer session 2*

June 11, 2018 – June 13, 2018: Three-day summer session 3*

*2017 and 2018 dates are subject to change.

High Quality Science Teaching

Improve your teaching practice and reflect on the process using innovative tools and methods.

School Year Professional Development and Coaching Cycles

Continue your professional growth through the Academic year with pedagogy-themed workshops and support from an Academy Coach.

Community of Learners

Join an ever-increasing community of motivated teachers in the Bay Area for collaboration and support.

Contemporary Science Issues

Deepen your understanding of the nature of science and ways to integrate sustainability and other disciplines into your science curriculum.

Science Notebooks

Learn a structured methodology for using science notebooks that encourages individual student thought and reflection.



Find out more

To learn more about the Teacher Institute on Science and Sustainability visit calacademy.org/tiss or email tiss@calacademy.org.

Applications will be available online at calacademy.org/tiss starting January 2016 and are due March 3, 2016. Priority is given to school teams of three to four teachers applying from schools located within 20 miles of the Academy.

"Students definitely own the work; it's theirs. When they own it, they process it better and can connect more easily."

- TISS 4th grade teacher and alumnus



"I learned more in the last two weeks than I did in a whole year of my credential program... If only all of our PDs were this well orchestrated, teaching would be a lot different!"

- TISS 5th grade teacher and alumnus

"TISS has afforded me the support, time, and inspiration I needed to dramatically improve my instruction."

- TISS 5th grade teacher and alumnus

"I've definitely changed in how I approach science. I'm discussing it in a larger context, and tying it into other subjects."

-TISS 3rd grade teacher and alumnus

Explore, explain, and sustain life on earth—that's the mission of the California Academy of Sciences.

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