

## About the program

Join the vibrant and growing community of 3rd–5th grade Bay Area teachers in the Teacher Institute on Science and Sustainability. TISS is a transformative two-year professional development program that provides teachers with best practices in science pedagogy, adult–level content knowledge, and school site support to enhance teacher’s and student’s understanding of topics ranging from energy to food systems to water issues. Become a life–long science learner, improve your science instruction, and ignite in your students a passion for science—apply to the Institute today.

## Features & benefits

- » \$2,000 annual stipend
- » School site coaching by Academy educators
- » Complimentary Academy Membership
- » Three graduate level credits per year (fee paid by participant)
- » A class set of science notebooks
- » Guaranteed Academy field trip for students

## Be a leader in science & sustainability



### Summer Sessions

**July 21, 2014 – August 1, 2014**

Two-week summer session 1

**Summer 2015 (dates TBA)**

Two-week summer session 2

**Summer 2016 (dates TBA)**

Three-day summer session 3

### High-Quality Science Teaching

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

### School Year Professional Development & 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.



*“My coach helped me to debrief the lessons, was not judgmental and made me feel safe.”*

—Cohort 2 participant

*“I’ve definitely changed in how I approach science. I’m discussing science in a bigger context, and tying it into other subjects.”*

—Cohort 3 participant



*“Students definitely own the work; it’s theirs. When they own it, they process it better and can connect more easily.”*

—Cohort 4 participant

*“I learned more in the last two weeks than I did in a whole year of my credential program...not a moment was wasted. If only all of our PDs were this well orchestrated, teaching would be a lot different!”*

—Cohort 5 participant





**The California Academy of Sciences' mission compels us to engage in scientific research relevant to sustainability, raise public awareness about urgent environmental problems, improve science education, and minimize our environmental impact.**

*"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 alumni, June 2011**

**Find out more**

To learn more about the Teacher Institute on Science and Sustainability, visit [www.calacademy.org/teachers/tiss](http://www.calacademy.org/teachers/tiss) or contact the Institute at [tiss@calacademy.org](mailto:tiss@calacademy.org).

**Applications will be available online at [www.calacademy.org/teachers/tiss](http://www.calacademy.org/teachers/tiss) starting January 2014 and are due March 15, 2014. Priority is given to teams of two to four teachers applying from schools located within 20 miles of the Academy.**

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## Teacher Institute on Science and Sustainability

California Academy of Sciences

