

## Green Curricula - Green Schools

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## California Academy of Sciences

### Mission

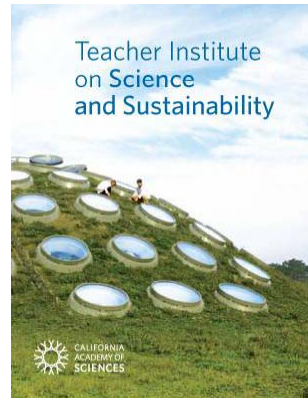
- To explore, explain and protect the natural world
- New LEED Platinum Certified Building
- Renewed focus on life and its sustainability



## Teacher Institute on Science and Sustainability

### Goals

- Increase the quality and quantity of science taught in elementary schools
- Increase teacher understanding of and appreciation for science and sustainability



### Methods

- Two years of immersive professional development
- Support in and out of the classroom



## TISS Overview

### Summer Session I

Theme: Energy and Green Buildings

### Summer Session II

Theme: Food, Water & Waste



### School Year Program

- Professional development
- Mentoring from Academy staff
- Independent study projects



## Curriculum Themes and Activities

### Energy

- What Contains Carbon?
- Carbon Cycle Role Play
- Energy Audit

### Water

- Sea-level Rise
- Sustainable Fishing

### Green Buildings

- Google Earth Green Building Tour
- Greening Your School

### Waste

- Natural Resources Bingo
- Packaging Watch Card

### Local and Organic

- Mapping Your Food
- Pollution in Your Watershed

### Website

- [www.calacademy.org/teachers](http://www.calacademy.org/teachers)



Teacher Institute  
on Science  
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