

SCIENCE & ENVIRONMENTAL LITERACY

OCTOBER & NOVEMBER 21-SANTA CLARA COUNTY OFFICE OF EDUCATION

HAPPY FALL

The SCCOE Science team has had a very busy fall and we were so excited to see many of you at our September and October Network meetings.

We are currently presenting the Grading for Equity CoP with our amazing PLISD Team and have enjoyed to seeing many of you there. We also supported and presented at the CASE and CA STEAM Conferences as well as other Communities of Practice. October was a busy month!!

It's also time to support many Districts with their science curriculum adoption utilizing the Toolkit for Instructional Materials Evaluation (TIME) and we have been reaching out to those who have expressed interest in this. If you need support with your science curriculum adoptions or are needing to start this process, please let us know.

WHAT DOES THE SCCOE SCIENCE TEAM DO?

We are here to support teachers and administrators in their implementation of NGSS through coaching, professional learning, and strategic planning.

HOW CAN THE SCCOE SCIENCE TEAM HELP OUR DISTRICT/SCHOOL?

Feel free to reach out to our team via email or phone.

Jennifer Mutch at Jmutch@sccoe.org

Tara Sikorski at Tsikorski@sccoe.org

We are here to support your high quality science and environmental literacy instruction.

Upcoming Events

PLISD CATALOG

2021-2022 Professional Learning and Instructional Support Division (PLISD) Catalog



2021 LEADERSHIP & LEARNING SERVICES CATALOG



 Santa Clara County
Office of Education

VALLEY WATER & SCCOE ENVIRONMENTAL LITERACY COHORT

The next meeting is November 3rd, 2021

VALLEY WATER & SCCOE ENVIRONMENTAL LITERACY EDUCATOR COHORT

WE STILL HAVE SPACES AVAILABLE!!

We can catch you up with the first session (it was recorded). Our next session is on November 3rd. Contact Jenn Mutch if you are interested. jmutch@sccoe.org

This grant-funded project will establish a cohort of Teachers, TOSAs, and Instructional Coaches eager to learn about infusing water education, environmental literacy, and NGSS-based lessons and projects into your teaching. A stipend and classroom materials will be offered at the completion of the program.

If you are interested, please see the following requirements:

1. Attendance at all workshops and RAFT in-person seminar.
2. Development and implementation of 1 or more lessons or units that are water education, environmental literacy, and NGSS focused. More details will be provided throughout the cohort.
3. Partnering with Valley Water's Outreach Team to co-present lessons to classrooms throughout the 2021-2022 school year.
4. Present an overview of the lesson(s) and/or unit that was developed over the school year with a final reflection and student feedback. This presentation will be done at one of the dates in May.



Valley Water and SCCOE Environmental Literacy Educator Cohort

This grant funded project will establish a cohort of Teachers, TOSAs, and Instructional Coaches eager to learn about infusing water education, environmental literacy, and NGSS-based lessons and projects into your teaching. A stipend and classroom materials will be offered at the completion of the program.

If you are interested, please see the following requirements:

1. Attendance at all workshops and RAFT in-person seminar.
2. Development and implementation of 1 or more lessons or units that are water education, environmental literacy, and NGSS focused. More details will be provided throughout the cohort.
3. Partnering with Valley Water's Outreach Team to co-present lessons to classrooms throughout the 2021-2022 school year.
4. Present an overview of the lesson(s) and/or unit that was developed over the school year with a final reflection and student feedback. This presentation will be done at one of the dates in May.



For more information, please contact:
Jennifer Mutch • Science Coordinator • (408) 453-6587 • jmutch@sccoe.org

Dates:

September 8, 2021- 3:30 to 5 p.m.
November 3, 2021- 3:30 to 5 p.m.
January 19, 2022- 3:30 to 5 p.m.
March 16, 2022- 4 to 6:30 p.m.

May 18, 2022- 3 to 5 p.m. OR
May 25, 2022- 3 to 5 p.m.

Location:

Virtual and In-person

Audience:

Educators, TOSAs, and Instructional Coaches

Grade Level(s): TK – 12

Application Link (and more details):

<https://forms.gle/DaXyyaJIEGAgCASa6>

REGISTER HERE-ENVIRONMENTAL LITERACY COLLABORATIVE

**2021-2022 ENVIRONMENTAL LITERACY
LEADERSHIP COLLABORATIVE**



2021-2022 Environmental Literacy Leadership Collaborative

The Environmental Literacy Leadership Network is a collaborative that will explore ways to infuse environmental literacy into classrooms and schools.

We will develop a vision for environmental literacy and sustainability, build partnerships, and connect formal and informal educators in Santa Clara County.

Dates:

Thursday, September 23, 2021
Thursday, October 21, 2021
Thursday, November 18, 2021
Thursday, January 20, 2022
Thursday, February 24, 2022
Thursday, March 24, 2022
Thursday, April 21, 2022
Thursday, May 19, 2022

Time: 3 to 5 p.m.

Location:
Virtual via Zoom

Audience:
TK-12th Grade Teachers, History/
Social Science Teachers, Health
Teachers, Science Teachers,
TOSA's, Instructional Coaches,
Informal Environmental Educators,
and Community Based Partners

Grade Level(s): TK – 12

Registration:
<https://na.eventcloud.com/618910>

For more information, please contact:

Jennifer Mutch • Science Coordinator • (408) 453-6691 • jmutch@sccoe.org

REGISTER HERE- TOSA & INSTRUCTIONAL COACHES NETWORK

**2021-2022 TOSA AND INSTRUCTIONAL
COACHES NETWORK MEETING**



2021-2022 TOSA & Instructional Coaches Network Meeting

Santa Clara County Office of Education invites all Coaches, Mentors and TOSAs (Teachers on Special Assignment) to the: **2021- 2022 TOSA & Instructional Coaches Network Meetings**

- Develop your leadership skills as you learn more about supporting teachers with content, pedagogy, and technology.
- Network with other instructional leaders across Santa Clara County.
- Explore how to support teachers with Project Based Learning (PBL), Universal Design for Learning (UDL), integration of content areas, equity, and inclusion.

Dates:

September 21, 2021
October 19, 2021
November 16, 2021
January 18, 2022
February 22, 2022
March 22, 2022
April 19, 2022
May 17, 2022

Time: Noon to 2 p.m.

Location:

Virtual via Zoom

Audience:

TOSA's, Mentors, Coaches

Grade Level(s): TK – 12

Registration:

<https://na.eventscloud.com/618909>

For more information, please contact:

Jennifer Mutch • Science Coordinator • (408) 453-6692 • jmutch@sccoe.org



MY NAME, MY IDENTITY STUDENT DESIGN CHALLENGE

The My Name, My Identity Initiative Project Team at the Santa Clara County Office of Education (SCCOE) invites educators to submit student work from the Student Design Challenge. For directions of the Student Design Challenge, visit <https://bit.ly/studentDchallenge>.

With an intent to create a platform to honor student voices, selected student work will be posted on the My Name, My Identity webpage. In addition, teams of students will be invited to share their ideas at the Santa Clara County Bilingual/Multilingual Learner Educators Showcase scheduled for April 28, 2022.

Submission is available between September 1 to December 10, 2021. An SCCOE Media

Release Form* will need to be completed for each participating student. For any questions or if other arrangements are needed, please contact Keysha Doutherd at KDoutherd@sccoe.org.



Student Design Challenge
My Name, My Identity: Creating an Inclusive and Respectful Community Toolkit

Directions

Theme

- Students in PreK – Grade 2: Kindness
- Students in Grades 3-12: Helping others feel safe and welcome in your classroom, at school or in your community

Prompt

What can you do to help others feel safe and welcome in your classroom, at school, or your community?

Tools

[Student Design Dash Template](#)

[Design Dash Facilitators Guide](#)

Eligibility

PreK – 12th grade educators are encouraged to submit student work in a digital representation including artwork and writing. If the student work is a video, please limit the length of the video to not to exceed two minutes.

Submission Requirements

- Preschool to 12th grade student work will be submitted to SCCOE via an online submission form. Only one (1) student work submission per student or group accepted. Educators can submit the work of the entire class as one entry. [View the rubric.](#)
- Submissions will be made through the My Name, My Identity Student Design Challenge [Submission Form](#) posted at <https://www.sccoe.org/scjis/mnmi/Pages/default.aspx> and will be available September 1 to December 10, 2021.
- For any questions or if other arrangements are needed, please contact Keysha Doutherd at KDoutherd@sccoe.org.

STUDENT DESIGN CHALLENGE SUBMISSION FORM

LEARNING AND LEADING FOR EQUITY: A
COLLABORATIVE CONVENING

Learning and Leading for Equity

A Collaborative Convening



Saturday, January 22, 2022

9:00 a.m. - 12:30 p.m.

A **FREE** Virtual Event

Sponsor Giveaways for Attendees

Register at <http://sccoe.to/learningforequity>

...a space for families, students, educators, and community to co-create ideas by leveraging the vast wealth of generational wisdom and experiences, and a diversity of voices and values to inspire and equip educators to do deeper equity work.

For Educators & Administrators

Through the lens of equity, this collaborative convening will address:

Inclusion & Belonging

Supporting educators, students and families in this current, fluid environment to create a sense of inclusion and belonging so students feel safe, cared for and heard so they can learn and thrive.

Personalized Learning

Empowering students, parents, and teachers to advocate for space to engage in innovative practices that support student centered and personalized learning that humanizes students.

Family-Centered Practice

Partnering with families and co-creating ways to empower them and advocate for student success.

Keynote Speaker



Andratesha Fitzgerald
Antiracism & UDL Author

Featured Speakers



Dr. Julia Aguirre
Culturally Responsive
Mathematics Teaching



Dr. Stepan Mekhitarian
Personalized Learning
Data Analysis

Including Presentations by



And Educational Leaders from the Santa Clara County Office of Education

For more information contact Paula Leggett at pleggett@sccoe.org

REGISTER HERE-LEARNING AND LEADING FOR EQUITY

Partner Workshops & Events



CALIFORNIA SCIENCE EDUCATION (CASE) STATEWIDE CONFERENCE

[MORE INFORMATION ON THE CASE CONFERENCE CLICK HERE](#)

CASE CONFERENCE 2021

If you missed the conference last month, not to worry. There is an in person Regional Meeting planned for January 2022. Please keep an eye out here for more information. If you were registered for the conference and missed some sessions, the recordings and resources will be on the site to be able to access. There also is a fantastic webinar coming up with John Muir Laws- see the flyer below for more information.

SAVE THE DATE!!!



Save the date for the 2022 California Science Education Conference!
We'll be FACE-TO-FACE in sunny Palm Springs from October 14-16.
More details coming soon!



VIRTUAL LESSON STUDY WEBINAR SPONSORED BY CASE

Have you experienced the benefits of lesson study? Are you interested in becoming a facilitator or are you a facilitator who is looking to improve your craft? If the answer is YES, COME JOIN US FOR A 3-HOUR INTERACTIVE SHORT COURSE introducing our just released Virtual Lesson Study Facilitator Playbook!

[FEEL FREE TO SHARE THE EVENT FLYER](#) WITH YOUR TEACHERS, STAFF, COLLEAGUES AND FRIENDS!

Virtual Lesson Study Facilitator Playbook: Introductory Workshop

Date: Saturday, November 13, 2021

Time: 9:00am – 12:00pm

Cost: \$10 for CASE members; \$15 for nonmembers

Presenters:

Dr. Anita Kriede, San Fernando Valley Science Project

Dr. Gini Vandergon, San Fernando Valley Science Project

Dr. Maria Simani, California Science Project

Nathan Inouye, Ventura County Office of Education

REGISTER NOW FOR VIRTUAL LESSON STUDY WEBINAR

\$10 for CASE members & \$15 for non-members



**Virtual Lesson Study Facilitator Playbook:
Introductory Workshop**

**PRIZE
GIVEAWAYS**

**HAVE YOU BENEFITED
FROM LESSON STUDY?**

Have you experienced the benefits of lesson study? Are you interested in becoming a facilitator or are you a facilitator who is looking to improve your craft? If the answer is YES, **COME JOIN US FOR A 3-HOUR INTERACTIVE SHORT COURSE** introducing our just released **Virtual Lesson Study Facilitator Playbook!**

**Friday, November 13
8:00 am - 11:00 am on Zoom**

Presented by:
Dr. Anita Kruse
San Fernando Valley Science Project
Dr. Kim Worthington
San Fernando Valley Science Project
Dr. Mark C. Stancil
California Science Project
Nathan Joseph
Ventura County Office of Education

\$10 FOR CASE MEMBERS | \$15 FOR NON-CASE MEMBERS
REGISTRATION LINK: BIT.LI/CASEREGISTER

HOW TO TEACH NATURE JOURNALING: CURIOSITY, WONDER, AND ATTENTION, PRESENTED BY JOHN MUIR LAWS

Nature journaling is a powerful learning tool that leads students to make deep observations, remember what they notice, think critically, and build a sense of place. Join esteemed nature journaler John Muir Laws to learn how to make nature journaling a seminal teaching practice that integrates science, mathematics, and visual and language arts, while building environmental literacy.

[FEEL FREE TO SHARE THE EVENT FLYER](#) WITH YOUR TEACHERS, STAFF, COLLEAGUES AND FRIENDS!

How to Teach Nature Journaling: Curiosity, Wonder and Attention

Date: Wednesday, November 17, 2021 | **Time:** 4:00 pm - 5:30 pm

Presenters: John Muir Laws

Fee (non-refundable): \$10 for CASE Members | \$20 for nonmembers

CA NGSS STATEWIDE IMPLEMENTATION

Online Professional Learning-Building Student Sensemaking Through Disciplinary Literacy



CA NGSS Statewide Implementation

Online Professional Learning
Building Student Sensemaking Through Disciplinary Literacy

REGISTER AT CANGSS.ORG

THE TECH INTERACTIVE



The Tech Interactive

MENTORING THE NEXT GENERATION WITH FORD

MENTORING THE NEXT GENERATION

Monday, Nov. 15 | 4 p.m. Pacific



Have you made a plan for college and beyond?

The Tech and **Miss CEO** can help! This mentoring event will connect high school girls with **extraordinary women at Ford**. On Monday, Nov. 15 at 4 p.m. Pacific, let's answer the big questions for your next stage of life.

During this one-hour event you will:

- Learn what Ford professionals actually do all day, plus the skills required to do their jobs.
- Engage in small group mentoring sessions.
- Get practical guidance from mentors on how to figure out your pathway.

This mentoring experience is for high school girls only and is hosted in partnership with Ford. This event is limited to 60 registrants.



The Tech Interactive

201 S. Market St., San Jose, CA 95113
1-408-294-8324 | thetech.org | @ |

[Register Here](#)

REGISTER HERE -MENTORING THE NEXT GENERATION

APPLY FOR THE TECH INTERACTIVE STUDENT BOARD

INTERESTED IN COMMUNITY ENGAGEMENT AND LEADERSHIP?



We are looking for curious and creative high school juniors who are enthusiastic about representing youth perspectives to join The Tech Student Board!

Through this leadership opportunity, students will work side by side with The Tech and local community to design and conduct teen listening events that explore the intersection of community, culture and STEM. The insights gained through the Student Board's work will shape The Tech's future teen programming!

The Tech Student Board is a dynamic group of high school volunteers that connects youth across the South Bay by giving them a platform to elevate diverse voices through engaging community conversations, events and reflections.

INTERESTED IN JOINING?

Visit thetech.org/studentboard to learn more about this year's project and fill out an application form. Final date for application submissions is Sunday, Nov. 7.

We are looking for six high school juniors interested in:




- Learning more about their community
- Leading interactive events and community conversations
- Collaborating with other passionate youth
- Developing leadership and communication skills

To honor their project contributions, all Student Board members are eligible for a \$1,500 scholarship provided they are able to commit an average of 4 hours per week starting in late November and ending in May (excluding Thanksgiving and winter holiday breaks). This time includes biweekly meetings every other Sunday from 3 to 5 p.m.*

**Due to COVID, meetings will typically be virtual unless a specific task requires members to meet in person.*



The Tech Interactive

201 S. Market St., San Jose, CA 95113
1-408-294-8324 | thetech.org |   

APPLY NOW- THE TECH INTERACTIVE STUDENT BOARD

CAUTION! WILDLIFE CROSSING WEBINAR



Thursday November 18, 2021

4:00 p.m. to 5:00 pm (PST)

Grades: Pre-K-12

Presented By: Sherry Burch, The Tech Interactive

In this workshop, educators will have a chance to engage in the activity as learners and design a wildlife crossing. We will also invite them to discuss how humans can avoid this problem in the future and design to help animals thrive, not just survive. This free, one-hour webinar is brought to you in partnership with Community Resources for Science in the East Bay.

REGISTER NOW- WILDLIFE CROSSING WEBINAR

GREEN GUARDIANS WEBINAR - EXPLORING BIODIVERSITY WITH K-2 STUDENTS

GREEN GUARDIANS
PRESENTS

EXPLORING BIODIVERSITY WITH K-2 STUDENTS

PROFESSIONAL LEARNING WORKSHOP

This virtual professional learning workshop and the corresponding pilots are designed to provide teachers with the confidence and instructional materials to **advance environmental literacy** in their classrooms.

Each teacher will be provided with a **\$50 gift card** for piloting the materials and completing the survey. There will be up to **\$500** in prizes and giveaways awarded for participation and a class engagement challenge!

Through readings, activities, and discussions, students follow the story of Timor, a "bug enthusiast", who rescues a monarch caterpillar from his backyard and takes it to school to try to save it.



Presenter:

Yvonne Qiu, Senior Instructional Designer
Green Guardians

→ Register here: bit.ly/3CIAdth

REGISTER BY NOV. 12TH

Space is limited to 50 teachers

Who can sign up?

Kindergarten or 2nd-grade teachers in California who want to integrate environmental education into their instruction.

REGISTER NOW 

IMPORTANT DATES:

- November 17th: Workshop 4:30-6:30PM Pacific Time
- November 17th-February 18th: Pilots, surveys, and challenge submissions
- February 25th: Challenge winners announced



REGISTER NOW- EXPLORING BIODIVERSITY WITH K-2 STUDENTS

Partner Resources



EXPLORATORIUM- LEARNING TOOLBOX

Institute for Inquiry[®]
empowering the art of student education

exploratorium

Join us for...

Questions and Nature Journaling

A free workshop offered by John Muir Laws and the Exploratorium

[Register here to join us on Wednesday, Dec 1st, 3:30 - 5:00pm](#)

This free online workshop includes ideas and experiences that professional learning providers can use in their workshops and teachers and homeschool parents/guardians, **especially at grades 3-8**, can use in their classrooms.



Join Nature Journaling Educator John Muir Laws and the Exploratorium educator team to explore approaches that help learners analyze questions that arise from nature journaling and lead to further investigation! Experience a nature journaling activity to raise and analyze questions, identify those that are testable, and engage in discussion with your colleagues.

[Register here to join us on Wednesday, Dec 1st, 3:30 - 5:00pm](#)

[https://www.exploratorium.edu/education/!](https://www.exploratorium.edu/education/)

EARLY ELEMENTARY NATURE JOURNALING

Join Nature Journaling Educator John Muir Laws and the Exploratorium to explore approaches that help learners analyze questions that arise from nature journaling and lead to further investigation! This a free online workshop!

Monterey Bay Aquarium

LOGIN FOR MEMBERS SHOP

VISIT ANIMALS JOIN & GIVE ACT FOR THE OCEAN FOR EDUCATORS

Learning at home

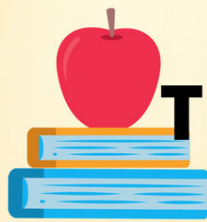


Support children's learning at home for grades PreK through 12.

These online courses and family-friendly science activities encourage a sense of wonder and connection to the natural world while teaching important science concepts.

Love our educational resources? Support us with a donation.

MONTEREY BAY AQUARIUM LEARNING AT HOME RESOURCES



Teacher Opportunities

ENVIRONMENTAL AND SOCIAL JUSTICE AWARENESS DAYS

Earth Calendar or Eco Calendar



YOU(TH)
BE THE
CHANGE

THE LIGHT AWARDS 2022 APPLICATION PROCESS IS NOW OPEN!



The deadline for Stage One is **November 14, 2021 at 5pm PT.**

Interested teams can [learn more about applying here](#), and submit a Letter of Intent (LOI) for their project idea using the link at the top of the [homepage](#).

The LIGHT Awards program makes two-year grants of \$30,000 to teams of 3-6 teachers pursuing the professional learning of their choice. The work of [83 teams](#) (totaling 408 teachers) has already been funded by the LIGHT Awards.

Learn more about how the LIGHT Awards grant has inspired the careers of Bay Area teachers.

LIGHT Awards Program - Professional Learning Grants for Teachers



[TO APPLY FOR THE LIGHT AWARD CLICK HERE](#)

[NGSS NOW NEWSLETTER FOR OCTOBER 2021](#)

NGSS NOW

6 things to know about quality K–12 science education in **October 2021**



[NGSS NOW NEWSLETTER FOR NOVEMBER 2021](#)

NGSS NOW

7 things to know about quality K–12 science education in **November 2021**



NEW JOURNAL ON CLIMATE CHANGE FROM CASE

[CLICK HERE TO READ THE CALIFORNIA JOURNAL OF SCIENCE ED](#)



NAVIGATING THE POLITICAL DIMENSIONS OF CLIMATE CHANGE TEACHING AND LEARNING

[STEM TEACHING TOOLS CLICK HERE TO READ](#)

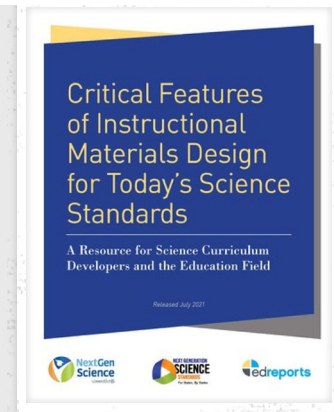
[CLICK HERE TO VIEW - STEM TEACHING TOOLS - Navigating the Political Dimensions of Climate Change Teaching and Learning](#)

SCIENCE CURRICULA NEW RESOURCE

Critical Features of Instructional Materials Design for Today's Science Standards:

A Resource for Science Curriculum Developers and the Education Field

Today's science standards have initiated a significant shift in all parts of the science education system. As a result, science instructional materials are also changing. Educators, school and district administrators, and developers of instructional materials need to be able to develop a common vision of high-quality curricula that will prepare students for success in school and beyond.



This resource is jointly authored by EdReports and NextGenScience to illustrate critical design features of science instructional materials and provide common language for describing high-quality materials.



[CLICK HERE TO READ THE RESOURCE](#)

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

CONSENSUS STUDY REPORT

Call to Action for Science Education

BUILDING OPPORTUNITY FOR THE FUTURE



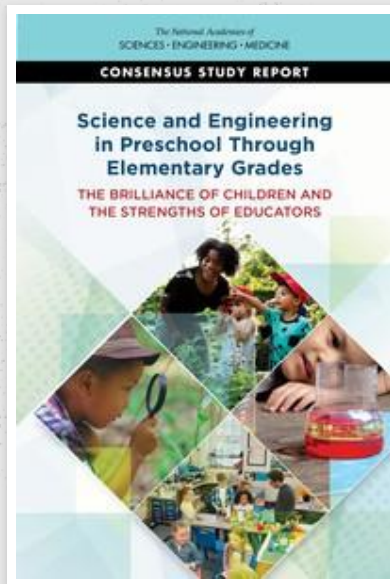
[CLICK HERE TO READ THE NASEM REPORT](#)

This report sets a bold vision for the future of high quality science education looking across all of grades K-16 and puts equity and opportunity at the center. It also explores role of science education for participation in democracy and daily life

SCIENCE AND ENGINEERING EDUCATION NEEDS TO BE PRIORITIZED THROUGH FIFTH GRADE, SAYS NEW REPORT

Starting in early childhood, children are capable of learning sophisticated science and engineering concepts and engage in disciplinary practices. They are deeply curious about the world around them and eager to investigate the many questions they have about their environment. Educators can develop learning environments that support the development and demonstration of proficiencies in science and engineering, including making connections across the contexts of learning, which can help children see their ideas, interests, and practices as meaningful not just for school, but also in their lives. Unfortunately, in many

preschool and elementary schools science gets relatively little attention compared to English language arts and mathematics. In addition, many early childhood and elementary teachers do not have extensive grounding in science and engineering content.



[CLICK HERE TO READ THE NASEM REPORT DESCRIBED ABOVE](#)

ENVIRONMENTAL LITERACY COMMUNITY BASED PARTNER HUB

ENVIRONMENTAL LITERACY COMMUNITY BASED PARTNER HUB

A new website that features Community Based Partners that provide environmental education based experiences.



SCCOE

<https://www.scc-enviro-ed.org/>



WALDEN WEST

<http://www.waldenwest.org/>



CAELI

<https://ca-eli.org/>



SMCOE

<https://eeproviders.smcoe.org>



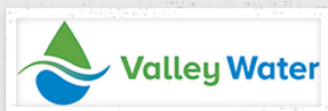
SANTA CRUZ COE

<https://sites.google.com/view/environmental-literacy-for-all/professional-learning>



SJCOE

<https://www.sjcoescience.org/environmental-literacy.html>



VALLEY WATER

<https://www.valleywater.org/>
Distance Learning Resources:
[Distance Learning NEW FOR 2020](#) | [Santa Clara Valley Water](#)



EVOLS

<https://www.evols.org/>
Distance Learning and COVID Modified Resources:
[2020/21 Programs \(COVID Modified\)](#) | [Environmental Volunteers - Environmental Volunteers \(evols.org\)](#)



LIVING CLASSROOM

<https://www.living-classroom.org/>

More Environmental Literacy Resources and Partners Featured on the SCCOE and SMCOE Environmental Literacy websites above.



Santa Clara County
Office of Education

ISTEAM- SCIENCE & ENVIRONMENTAL LITERACY

 @sccoe

The mission of the Science Department is to provide service and support for all educational stakeholders. We offer workshops, conferences, and student events that promote the Next Generation Science Standards (NGSS).

Science explores and explains phenomena around us. It is a way of gaining, organizing, applying, and conveying knowledge of that phenomena. Having science as one of the core contents in K-12 education is vital as it influences our culture and has allowed society to flourish.

 1290 Ridder Park Drive, San J...

 pleggett@sccoe.org

 4084536587

 sccoe.org/isteam/science/Pa...

SCCOE SCIENCE GOOGLE WEBPAGE

For even more resources, workshops and upcoming conferences, please visit our webpage. We are updating this weekly. Please also let us know if you have any events or workshops that you would like to share.