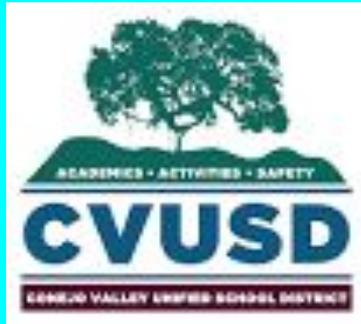
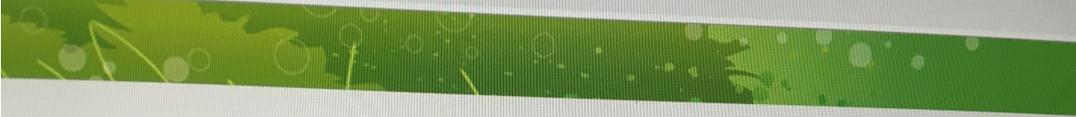


CVUSD NGSS MENTOR PROGRAM

VERTICAL ARTICULATION TO SUPPORT SCIENCE EDUCATION IN CVUSD



NGSS MENTOR PROGRAM



NGSS Mentor Program Supports Science Curriculum Learning

Ashley Cooper and Rhonda Frohn are passionate about science, and collaboration. Both are Thousand Oaks High School science teachers, and they can now also be found on elementary school campuses across the Conejo Valley. The reason? The new CVUSD Next Generation Science Standards (NGSS) Mentor Program, a program they spearheaded.

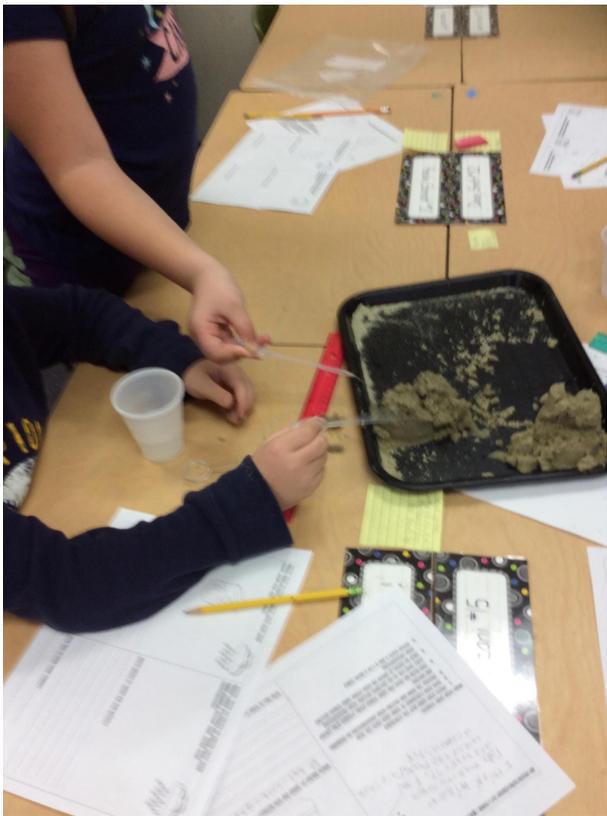
The NGSS Mentor Program is a teacher-driven and teacher-dependent collaboration of secondary science educators who are dedicated to sharing their knowledge and experiences with elementary colleagues in an effort to support science instruction across K-12 grade levels. [Read more](#)

Sycamore Canyon School's Child Care Students Host Successful "Kids Caring for Kids" Campaign

...electronic campaign underway at Sycamore

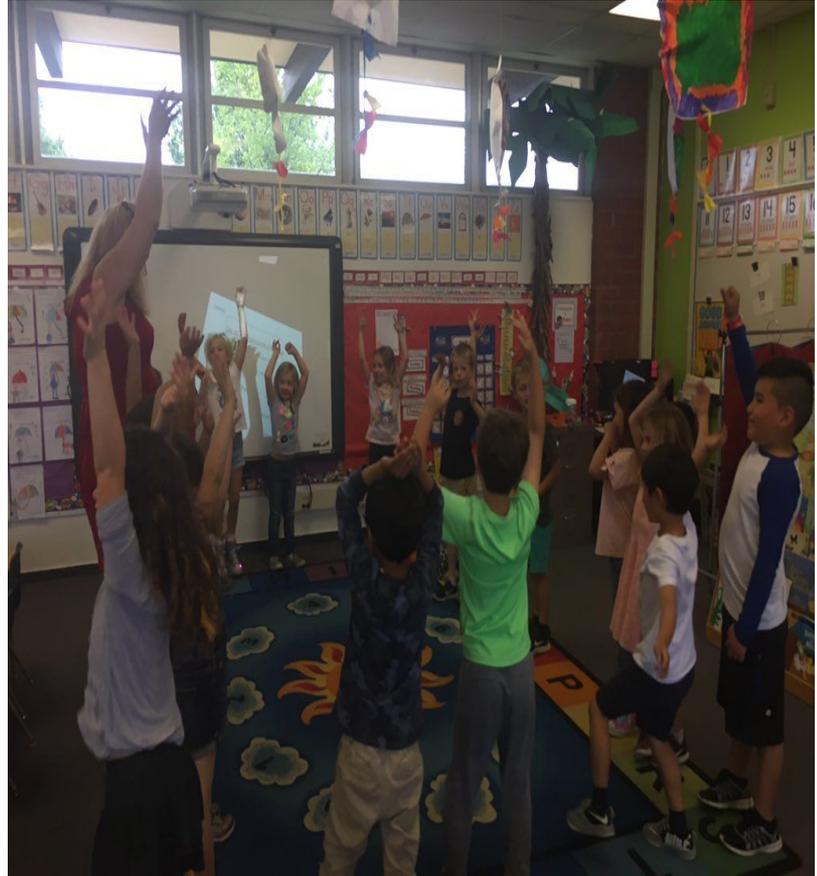
NGSS MENTOR PROGRAM

MODEL NGSS LESSONS



NGSS MENTOR PROGRAM

“The NGSS mentorship made the transition to our new science unit a cut to the chase experience.”



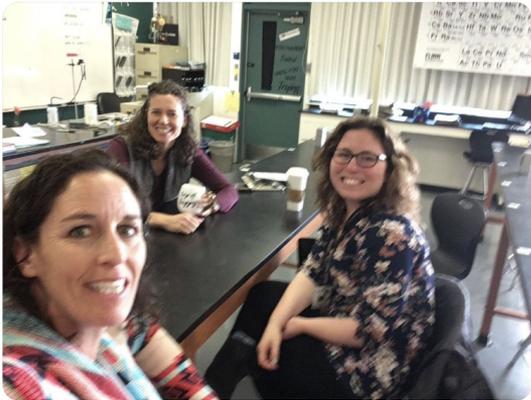
NGSS MENTOR PROGRAM

MEET WITH DISTRICT STAKEHOLDERS



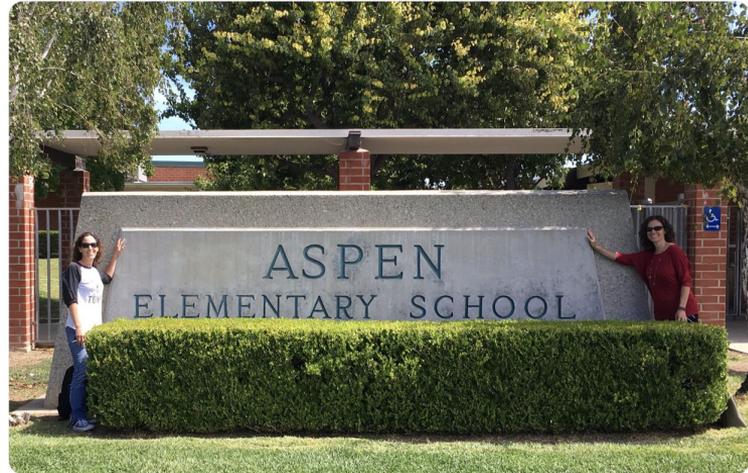
Ashley Cooper
@acooper_pc

Brainstorm student inclusion in science education. Excited about this new partnership! @MarkMcLCVUSD @llichtl @rjfrohn #TheConejoWay #NGSSmentors #Allstandardsallstudents



Rhonda Frohn
@rjfrohn

Productive day with TK @aspenelem
This is going to be a great journey - thanks for having us!
#NGSSMentors #TheConejoWay #ConejoNGSS
@acooper_pc



NGSS MENTOR PROGRAM

ATTEND PD SESSIONS



Ashley Cooper
@acooper_pc



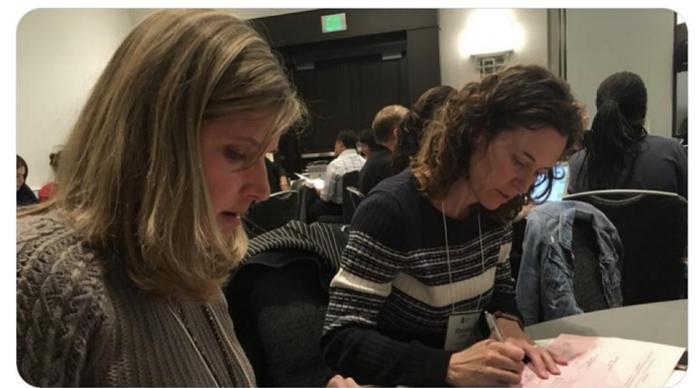
Kicking off an exciting weekend of teacher PD with @WeAreCTA and @scope_stanford - our project is to support elementary teachers implement NGSS @rjfrohn @henigekarr



Ashley Cooper @acooper_pc · 2/16/18



My buddies @rjfrohn and @henigekarr are dissecting @ConejoValleyUSD NGSS standards to make a difference for students. #CAedILC



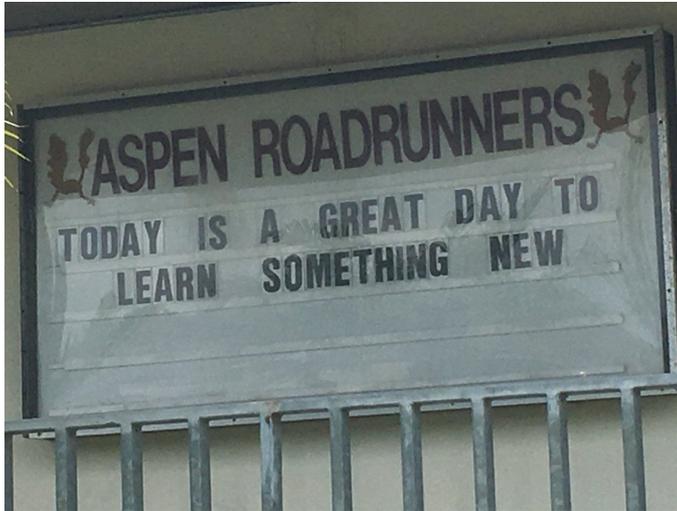
NGSS MENTOR PROGRAM



“The introduction to Better Lesson was invaluable. But, by far, the best part was your enthusiasm and support for us. Thank you!”

NGSS MENTOR PROGRAM

SITE VISITS FOR SCHOOLS WHO HAVE GONE THROUGH THE PROGRAM



Ashley Cooper
@acooper_pc

At our happy place. [@MrsDVollmer](#) [@ConejoValleyUSD](#)
Wildwood teachers are embracing NGSS and are science rock stars [@rjfrohn](#) [#ConejoMentors](#) [#ConejoWay](#)



NGSS MENTOR PROGRAM

MODEL NGSS LESSONS

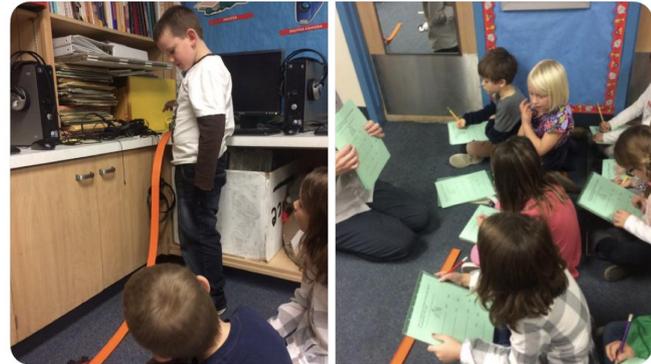
Facilitating NGSS engineering in my daughter's kinder class. #vertical-teaming @ctalPD @scope_stanford @WeAreCTA @rjfrohn



Ashley Cooper
@acooper_pc



An awesome day in CVUSD teaching elementary NGSS with @rjfrohn @auntjennoelle @MrsDVollmer @ThousandOaksHS #verticalteaming #doscience



NGSS MENTOR PROGRAM

“Thank you again for the fun science you brought into Room B. The kids are looking for ramps all over campus and Thousand Oaks.”



NGSS MENTOR PROGRAM PRESENT AT CONFERENCES



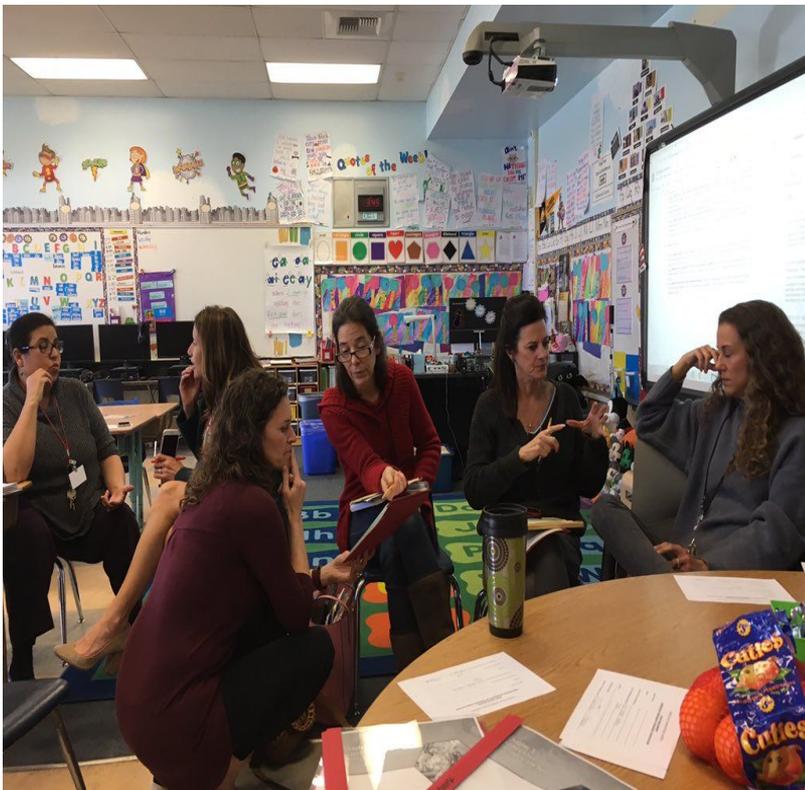
Ashley Cooper
@acooper_pc

NGSS Collaboration with real life
superheroes @WeAreCTA Region 3
Conf. @rjfrohn @ctaIPD @CTAIFT
@scope_stanford



Ashley Cooper @acooper_pc · 9/23/17
Ready to present @WeAreCTA - Finding Your
NGSS Superhero with @rjfrohn and
@henigekarr

NGSS MENTOR PROGRAM HOST AFTER SCHOOL PD



NGSS MENTOR PROGRAM

“We had a playful, experience based on set of lessons. It was easy to add on to the lessons and ideas they brought to the planning sessions.”

NGSS MENTOR PROGRAM

ASSIST CLASSROOM TEACHERS

Teaching elementary science with
[@rjfrohn](#) and [@henigekarr](#) is awesome.
Thank you [@scope_stanford](#) & [@ctalPD](#)
for the inspiration. [@MrsDVollmer](#)



NGSS MENTOR PROGRAM

COLLABORATING WITH OTHER MENTORS



Ashley Cooper
@acooper_pc

Finalizing our elementary NGSS lessons for today - kinder and 2nd at Wildwood
[@MrsDVollmer](#) [@rjfrohn](#)
[@auntjennoelle](#)



Rhonda Frohn
@rjfrohn

Loved collaborating with these2 at the NGSS Leadership Conference [@VenturaCOE](#) Bringing back lots of ideas for our CVUSD schools and [#NGSSMentors](#) [#TheConejoWay](#) [@llichtl](#) [@MarkMcLCVUSD](#)



NGSS MENTOR PROGRAM

Thank you again for taking an interest in connecting with your elementary colleagues...."it takes a village"!



NGSS MENTOR PROGRAM



Ashley Cooper @acooper_pc · 5/7/18 ✓
#Professionalcapital changed my path in education leadership - proud to share with @WeAreCTA members

Andy Hargreaves @HargreavesBC
.#Professionalcapital still in amazon top 50 policy books after 6 yrs. Educators still want it over business capital model amazon.com/ Professional-C... @TCPress @Michae...

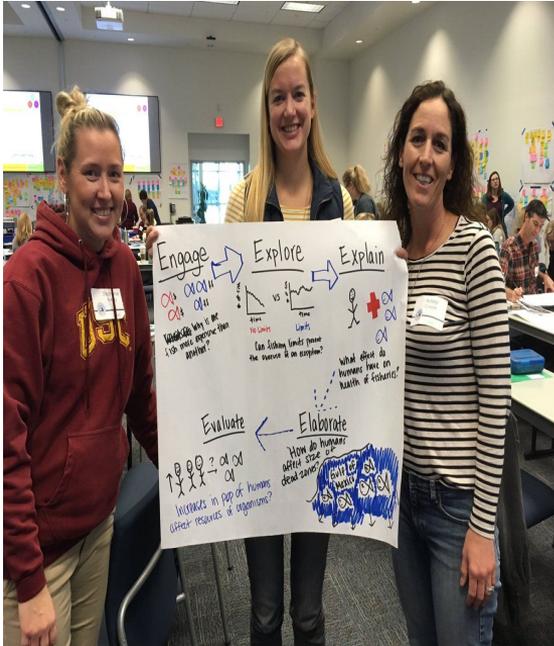


NGSS MENTOR PROGRAM MODEL NGSS LESSONS

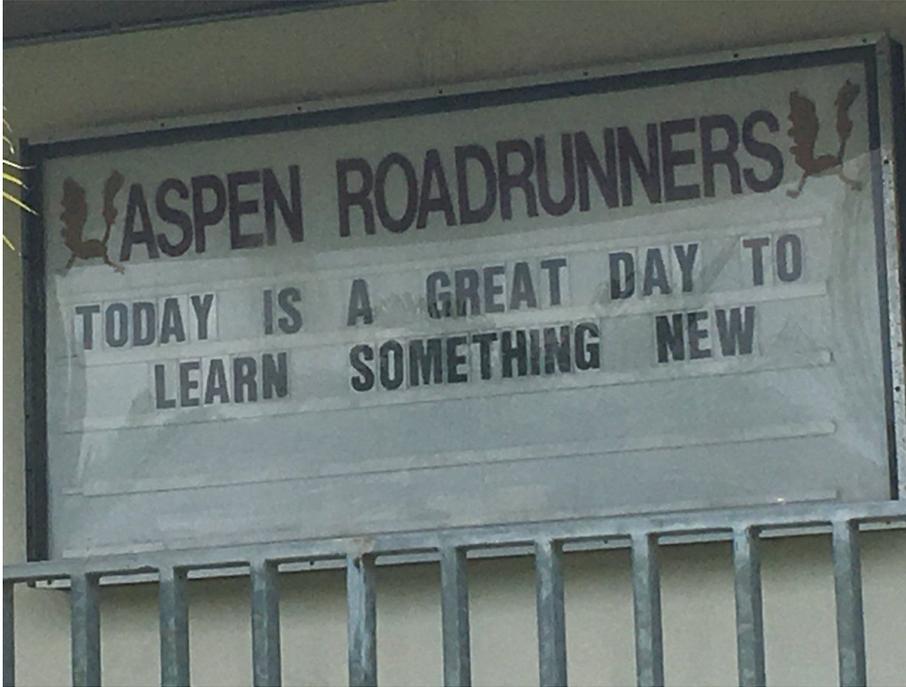


NGSS MENTOR PROGRAM

Their expertise to apply our FOSS lessons with other sources to teach the basics to my Kindergarten students was awesome. The kids had a fantastic time learning many science concepts at the same time.



NGSS MENTOR PROGRAM



Ashley Cooper
@acooper_pc

A great day collecting potential curriculum to support our elementary colleagues in [@ConejoValleyUSD](#). 'Tis the season for science instruction! [#NGSSMentors](#) [#TheConejoWay](#) [@aspenelem](#) [@Glenwood_Gators](#) [@WildwoodElem](#)

Rhonda Frohn [@rjfrohn](#)

Decking the halls [@VenturaCOE](#) with all things NGSS at the publisher fair [#TheConejoway](#) [#NGSSMentors](#)

NGSS MENTOR PROGRAM

CONSULT GRADE LEVELS ON CURRICULUM



Ashley Cooper @acooper_pc · 4/16/18

Working with our @WeAreCTA and @scope_stanford ILC Team to support NGSS implementation. Teachers supporting teachers -exhausted but fulfilled! @rjfrohn, @henigekarr @MrsDVollmer are amazing!! @CTAIFT



NGSS MENTOR PROGRAM

It also helped to have your secondary school perspective to see what we, as elementary school teachers, can do to help our students learn how to ask probing questions, to support their claims with evidence, and to use this information to plan "next steps."

NGSS MENTOR PROGRAM

ATTEND PD



Ashley Cooper

@acooper_pc



Ready to kick off day 2 of Instructional Leadership Corps @WeAreCTA @ctalPD @scope_stanford @rjfrohn @auntjennoelle

In San Fran planning for 2018 NGSS elem/HS artic with partner in crime @acooper_pc and @auntjennoelle #CAedILC



Educators Served Oct. 2014 – June 2017	
Type of Session	Total Numbers
Multi-Session Workshops	28,562
ILC-Related Presentations	23,515
Indirectly Impacted	25,616



Collaborative Leadership

"Bringing the appropriate people together in constructive ways with good information, creating authentic visions and strategies for addressing the shared concerns of the organization or community"

ILC Summer Conference
July 2017

NGSS MENTOR PROGRAM

HOST PD SESSIONS



Ashley Cooper
@acooper_pc



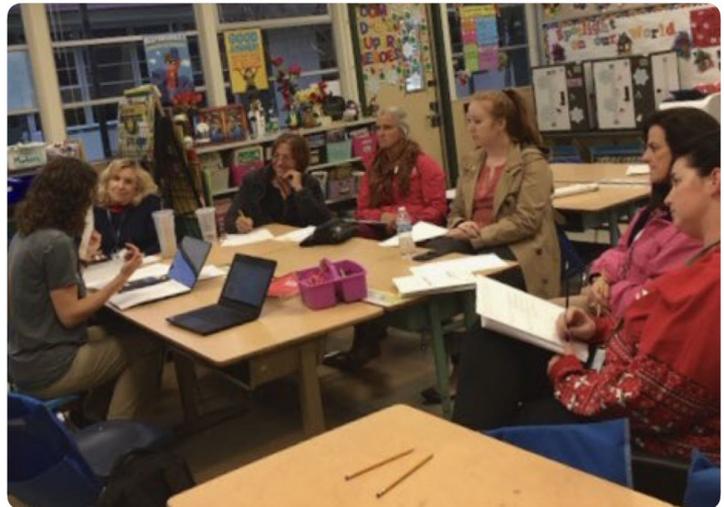
Grateful to partner with @rjfrohn on our ILC Project to inspire elementary science @ctaIPD @CTAIFT @scope_stanford



Rhonda Frohn
@rjfrohn



Today #CVUSDmentors were discussing how to use Modeling with teachers @Glenwood_Gators. Modeling can be tough to master but it's easy to start. Will post the Draw Me followup lesson on our website



NGSS MENTOR PROGRAM



The NGSS mentor program supported my classroom through helping me connect science standards to the Spotlight on OUR World country and how to connect them through multiple countries (for example: sound waves with Killer Whales and Irish Harps).

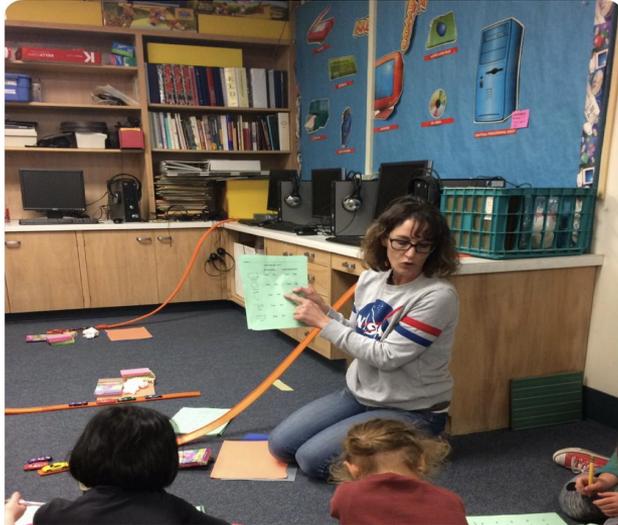
NGSS MENTOR PROGRAM

MODEL NGSS LESSONS



Rhonda Frohn
@rjfrohn

@acooper_pc leading the Kinders and helping them make predictions before our science activity #ngss #whodoesntlovehotwheels



Ashley Cooper
@acooper_pc

Keeping the wonder of science alive
-1st grade engineering Bat Signals
#ngss @ctalPD @paulandersen
@CVUSDAnnB @MrsDVollmer
@ThousandOaksHS



NGSS MENTOR PROGRAM



California Teachers Association

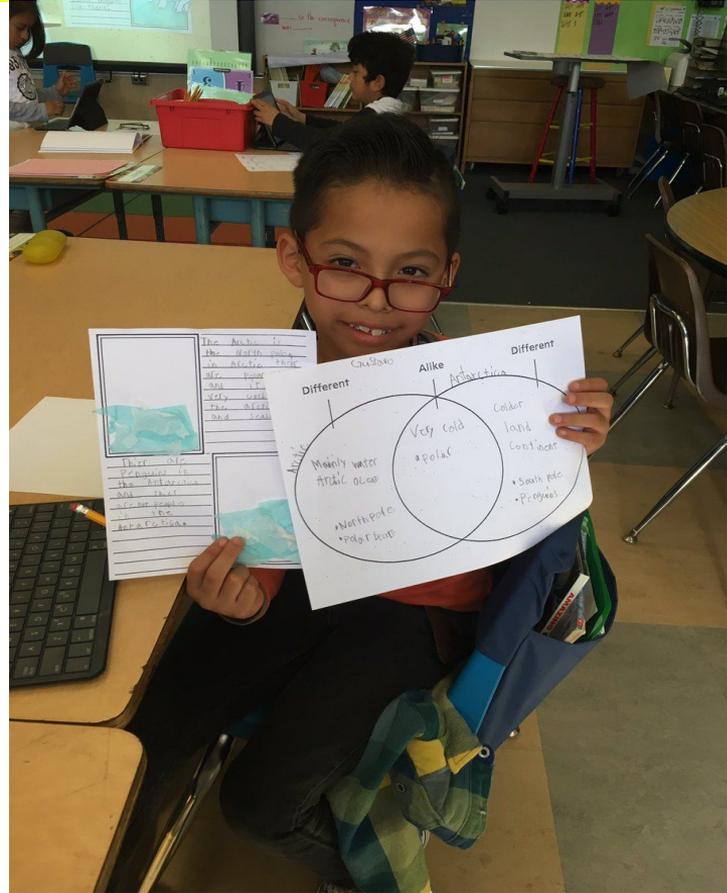
@WeAreCTA

We know who the real superheroes are. Happy #NationalSuperheroDay to all the educators who save the day, everyday! 🏰✍️

I Teach



what's your superpower?



NGSS MENTOR PROGRAM

“Third grade teachers have greatly appreciated your advice on our various life, earth, and physical science lessons and which ones best support the standards for our grade level.”

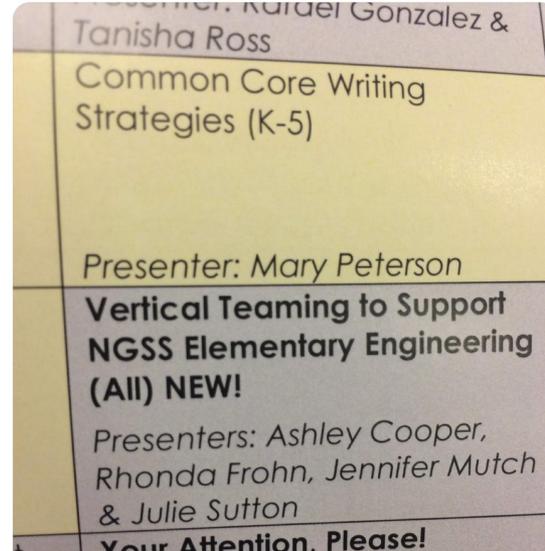
NGSS MENTOR PROGRAM PRESENT AT CONFERENCES

How @rjfrohn and I spend our St Patty's Day - finalizing our NGSS presentation for @WeAreCTA #CTAGTC @ctalPD



Ashley Cooper
@acooper_pc

Looking forward to presenting this weekend with @rjfrohn. Thank you @ctalPD @WeAreCTA



NGSS MENTOR PROGRAM

MODEL NGSS LESSONS



NGSS MENTOR PROGRAM

“I found the discussions of modeling and journaling were very helpful. It was great that you facilitated our discussions, so often we (the teachers) never have the time and sit and actually talk about subject matter.”

NGSS MENTOR PROGRAM

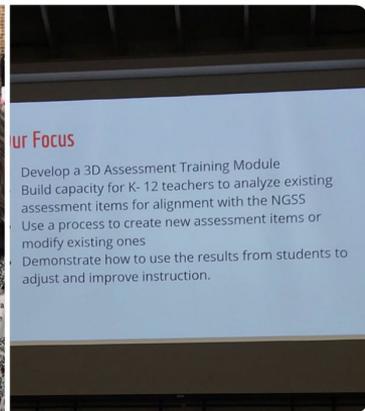
MENTORS ATTENDING PD SESSIONS

Decking the halls @VenturaCOE with all things NGSS at the publisher fair #TheConejoway #NGSSMentors



Rhonda Frohn
@rjfrohn

With my #ConejoNGSS buddy @auntjennoelle developing 3D assessments. Don't worry @ThousandOaksHS - I'm back tomorrow to finish up Periodic table trends! 😊 #TheConejoWay #NGSSGurus



10:18 AM · 11/7/18 from Modesto, CA · Twitter for iPhone

NGSS MENTOR PROGRAM

MODEL NGSS LESSONS



Rhonda Frohn
@rjfrohn

Many of you know the talented [@acooper_pc](#) [@ThousandOaksHS](#) - but did you know that she is also a STELLAR 1st grade "teacher"? Yep- NGSS Mentors were [@aspenelem](#) today teaching about space and robots [#lovemyjob](#) [#CVUSDmentors](#)



3:05 PM · 12/3/18 from Thousand Oaks, CA · Twitter for iPhone



Rhonda Frohn
@rjfrohn

Thank you for asking great questions today [@aspenelem](#) 😊
We loved teaching you about Mars and its cool robots
[#TheConejoWay](#) [#CVUSDmentors](#) [@acooper_pc](#)



NGSS MENTOR PROGRAM

“The NGSS mentor program also helped support my classroom by giving me lessons for my grade’s standards. I have used those lessons to build NGSS connected units and make science much more hands on!”



NGSS MENTOR PROGRAM

HOST PD SESSIONS



Rhonda Frohn
@rjfrohn

Their 🌍 project is so innovative! 💖

Ashley Cooper @acooper_pc

First time working with @Glenwood_Gators teachers to implement NGSS into their classrooms and campus culture. Their "Spotlight on Our World" project is a perfect lens to learn about science. This is going to be great! #NGSSmentors #TheConejoWay @rjfrohn



Rhonda Frohn
@rjfrohn

I was @Glenwood_Gators today and stopped to talk to one of my fav 1st grade teachers - I think she's a super hero too 😊 #TheConejoWay



NGSS MENTOR PROGRAM



Ashley Cooper
@acooper_pc

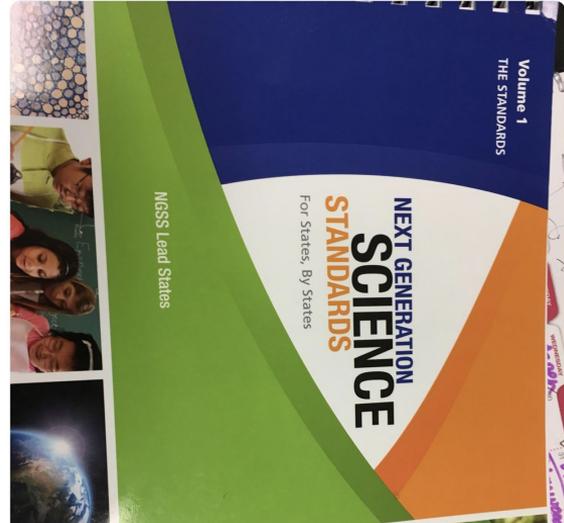
@ConejoValleyUSD teachers are re-evaluating, collaborating and implementing @OfficialNGSS into their lessons. Bursting with pride for our Wildwood Elementary teachers. These educators are on fire for science!! @rjfrohn @henigekarr @MrsDVollmer

You Retweeted



Ashley Cooper
@acooper_pc

Great week collaborating with teachers from all 3 high schools to plan vertical teaming for elementary colleagues. K-12 support is a win-win for our students and teachers!
[#NGSSmentors](#) [#conejoyay](#) [@rjfrohn](#)



NGSS MENTOR PROGRAM

CVUSD's NGSS Mentor Program Supports Science Curriculum Learning

Ashley Cooper and Rhonda Frohn are passionate about science, and collaboration. Both Thousand Oaks High School science teachers, they can now also be found on elementary school campuses across the Conejo Valley. The reason? The new CVUSD Next Generation Science Standards (NGSS) Mentor Program, a program they spearheaded.

The NGSS Mentor Program is a teacher-driven and teacher-dependent collaboration of secondary science educators who are dedicated to sharing their knowledge and experiences with elementary colleagues in an effort to support science instruction across K-12 grade levels.

It's essentially, science learning in action – which the duo recently demonstrated during a visit to an Aspen Elementary School first grade classroom where they modeled a lesson on space and robots. This lesson was as much for the students as it was for their elementary teacher colleague. The lesson not only explored science topics, it also showcased the pacing, and embedded strategies necessary to promote student inquiry-based questioning techniques which are critical to students successfully mastering the new NGSS.

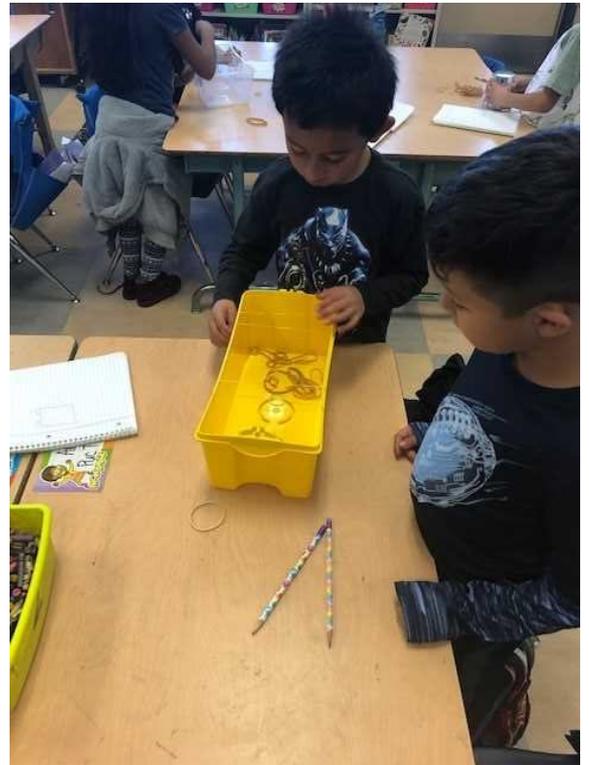


Conejo Schools Fdn @ConejoSch... · 6d ▾
Our very own amazing HS Teacher Rep and GetAhead Program teacher continues to innovate, inspire and lead. Thank you to @acooper_pc and her partner @rjfrohn! #teachersmatter #TheConejoWay

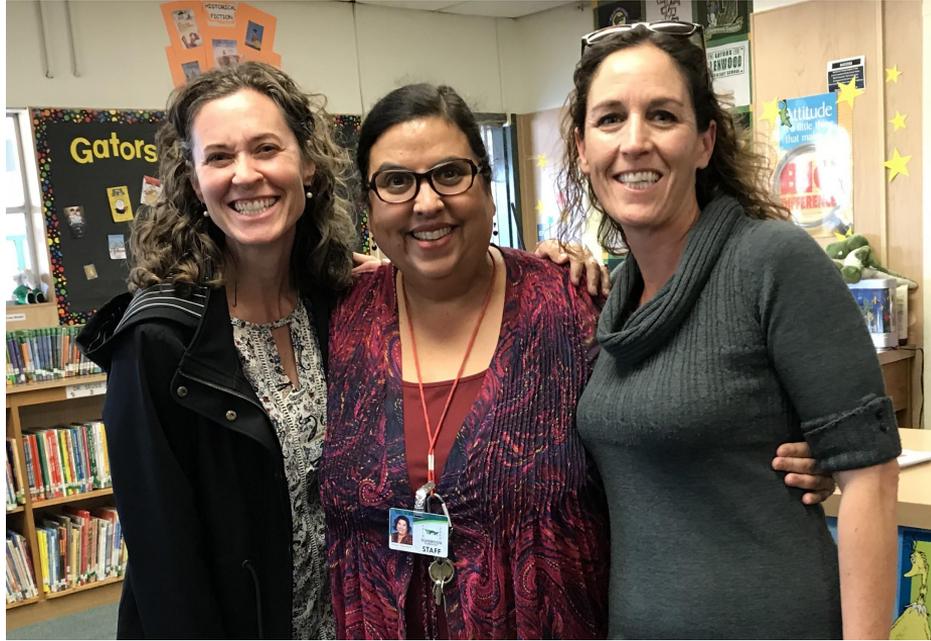


CVUSD's NGSS Mentor Program
Supports Science Curriculum Learning
conejousd.org

NGSS MENTOR PROGRAM



NGSS MENTOR PROGRAM MAKE CONNECTIONS



NGSS MENTOR PROGRAM

"ALL STUDENTS, ALL STANDARDS"

THE CURRICULUM TELLS
YOU "WHAT" NOT "HOW."
THE **HOW** IS THE
ARTISTRY IN EDUCATION.