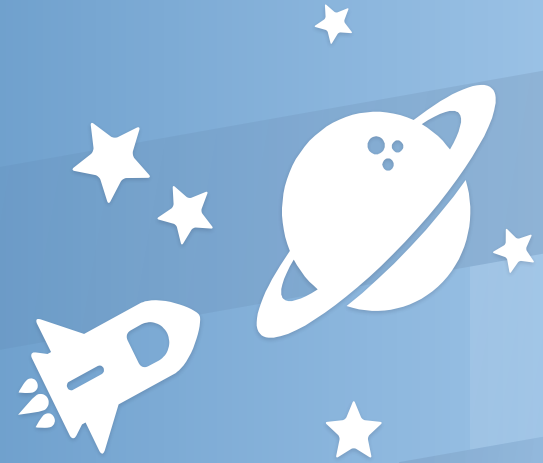
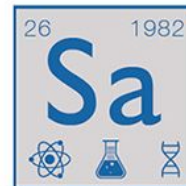


Welcome to Science Alliance



<https://www.srvef.org/Science-Alliance/Science-Alliance-After-School-Program>



Science
Alliance



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California High Science Alliance

<http://calhighsa.weebly.com/>

Advisor

Shirley Darroch

Presidents

Mathangi Swaminathan

Meghana Balabhadruni

Vice Presidents

Arnav Kushwah

Praneeta Agrawal

Treasurers

Sai Erram

Sarveshwaran Manivelan

Secretaries

Patrick Lee

Simi Saini

Communications

Anh Nguyen

Mentor Trainers

Bhavjot Singh

Mahiyat Bhuiyan

Dougherty Valley HS Science Alliance

<https://www.dvhssciencealliance.com/>

Advisor

Lakshmi Warriier

Presidents

Anirudh Basu
Jaanavi Thanamala

Vice Presidents

Riyanka Narasimhan
Grace Yang

Treasurer

Krishna Sharma

Secretary

Bill Li

Communications (Tracking)

Shreyas Sambara

Communications (Outgoing)

Shreya Lakkaraju

Activities Leads

Aditi Patel
Rhea Shetti

Mentor

Trainers

Amiya Sheshadri
Chassie Lai

Monte Vista HS Science Alliance

<http://tiny.cc/mvsciencealliance>

Advisor

Bryan Jensen

Presidents

Vaidehee Durgude
Caroline Robinson

Vice Presidents

Aishu Nagabhushan

Treasurer

Rohan Chandran

Secretary

Lisa Leung

Communications

Kat Guo

Activities Leads

Chris Lee

Mentor Trainers

Bansri Patel
Oliver Johansson
Mrudhula Nithiyakumar

Addien ap Rees
Krish Pathak
Kashni Rewal

San Ramon Valley HS Science Alliance

<https://sites.google.com/site/srsciencealliance/>

Advisor

Matthew
Robison

Presidents

Natalia Maiorana
Jin Noh

Vice President

Lana Bohsali

Treasurer

Kaitlin Yang

Secretary

Kaitlin Yang

Mentor Supervisors

Layka Traore
Sarah Hazlewood
Rylan Der

Activities Leads

Tom Suo
Anthony Richards

Head Mentors

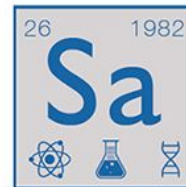
Tessa Brubaker
Jeiane Hypnar

What is Science Alliance?

High
School
“Mentor”



5th Grade
“Buddy”



Science
Alliance



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Science Alliance

- **After-school enrichment program created to pair curious and motivated 5th grade students (buddies) with high school students (mentors).**
- **Mentors encourage and guide their buddy on a journey of science and methodical inquiry under guidance of a credentialed teacher at one of the high schools.**
- **Helps prepare the 5th graders for middle school lab science and teaches positive role-modeling skills to high school mentors.**

Our Mission

To introduce elementary school students to investigative science and methodical inquiry.



Science and Engineering Practices



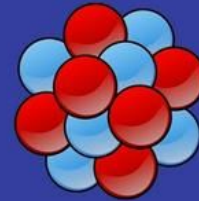
**Asking Questions
and Defining
Problems**



**Planning and
Carrying Out
Investigations**



**Analyzing and
Interpreting Data**



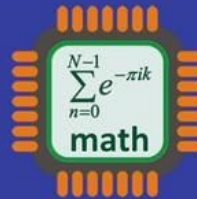
**Developing and
Using Models**



**Constructing
Explanations and
Designing Solutions**



**Engaging in
Argument from
Evidence**



**Using Mathematics
and Computational
Thinking**



**Obtaining, Evaluating
and Communicating
Information**

About SRVEF Science Alliance

District-wide STEM enrichment program partnered with the **San Ramon Valley Education Foundation** to bring hands-on science education to elementary schoolers across SRVUSD.





Science Fair, March 2019

5th Grade buddies work with High School mentors over the course of a year to create an **advanced-level** Science Fair Project



Participating Schools

Feeder Elementary Schools	Corresponding High School
Bollinger Canyon, Country Club, Golden View, Montevideo, Neil Armstrong, Twin Creeks, Walt Disney	California High School (CHS)
Bella Vista, Coyote Creek, Hidden Hills, Live Oak, Quail Run	Dougherty Valley High School (DVHS)
Alamo, Creekside, Golden View, Green Valley, Montair, Rancho Romero, Sycamore Valley, Tassajara Hills, Vista Grande	Monte Vista High School (MVHS)
Alamo, Greenbrook, John Baldwin, Montair, Rancho Romero, Sycamore Valley	San Ramon Valley High School (SRVHS)

One-on-one In-person Buddy-Mentor Meetings



Monthly Buddy-Mentor Meetings

- 1:1 In-person Meetings
- Masks required according to County Health Guidelines
- Work assigned through Schoolology
- Six meetings **Mondays 4:00 - 5:30 PM**
Oct 18, Nov 15, Dec 13,
Jan 24, Feb 28, Mar 21

Meeting Protocol

- Buddies should plan to attend all six meetings
- If a Buddy must miss a meeting please notify the Mentor at least ONE day in advance
- If a meeting is missed, a make-up meeting should be scheduled on the Buddy & Mentor's own time at a public place or virtually

Project Timeline for 2021-2022

Month	Date	Tentative Meeting Goals/Agenda
September	9/22	Registration Opens at 7 pm
October	10/18	Topic Selection Wizard, Safety Quiz, Project Idea, Testable Question Basic Project Research
November	11/15	Hypothesis, Variables, Constants and Control, Procedure, Materials List, Begin Background Research and Bibliography
December	12/13	Continue Background Research and Bibliography Begin Experimentation, Data Collection and Photo Documentation
January	1/24	Finish Experimentation, Data Collection and Photo Documentation Finish Background Research and Bibliography
February	2/28	Data Analysis & Graphs, Results & Conclusion Work on Project Report, Presentation Slides & Project Board
March	3/21	Finish Project Report, Presentation Slides & Project Board Judging Practice
March	3/26	Science Fair

Email Communication

- Mentors will email their respective buddies **at least 2x every month** to check on their progress
- Buddies should **respond** to their mentors emails with information about their progress and to ask questions.

Buddy-Mentor Communication Protocol

- 4 people should be included in every email: the mentor, the buddy, the parent, and the High School's Science Alliance email address
- Parents should email the high school's Science Alliance address directly with any non-experiment related questions, comments, or concerns

Science Fair 2022

- The Science Fair is a culmination of the buddy's work throughout the year
- Buddy will present their project through a scientific poster board and Google slides presentation
- A fun-filled day of activities, food, and prizes at a high school.
- County Health Guidelines will be followed at all meetings and at the Science Fair

Tentative:

- March 26, 2022
- 9am - 3pm
- TBD High School



Online Registration

Registration is first-come, first-serve.

There are a limited number of spaces at every high school.

To register, you must complete 3 things:

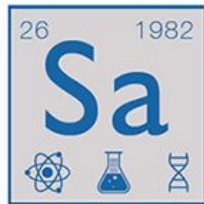
- Attend Parent Night (✓)
- Fill out the Online Registration Form
- Pay the registration fee (\$195)

Online Registration

Online registration opens:

Wednesday, September 22, 2021

@ 7:00 pm



**Science
Alliance**



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Where:

SRVEF Science Alliance Page

<https://www.srvef.org/Science-Alliance/Science-Alliance-After-School-Program>

Online Registration

Online registration opens:

Wednesday, September 22, 2021 @ 7:00 pm

Click on the icons on the SRVEF Science Alliance Page

<https://www.srvef.org/Science-Alliance/Science-Alliance-After-School-Program>



Registration Fee: \$195

(Pay online during registration)

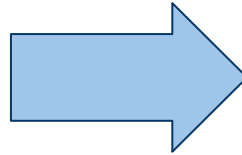
- Science Alliance T-shirt
- Digital binder and resources on Schoology
- Snacks and activities at six Buddy-Mentor meetings
- Snacks, lunch, certificates and prizes at the Science Fair
- Stipend for Science Alliance teacher/advisor

Fun learning experiences & guided scientific enrichment

with a high school mentor and much more...

Parent Meeting Attendance

**COMPLETE
ATTENDANCE
FORM**



tinyurl.com/saparents2021

Registration Related Questions

ScienceAlliance@srvef.org

High School Program-specific Questions

CHS: ch.sciencealliance@gmail.com

DVHS: dvsa.communications@gmail.com

MVHS: mvhssciencealliance@gmail.com

SRVHS: sr.sciencealliance@gmail.com

Thank You!



**We hope to see our
young scientist buddies
at Science Alliance!**