

NorCal Science Festival



WEBSITE

February 21, 2026

Lodi High School

3 S. PACIFIC AVE LODI, CALIFORNIA

10:00 AM - 3:00 PM

Free Admission

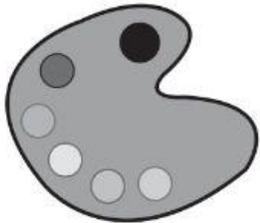
SCIENCE



SURVEY

TECHNOLOGY

ENGINEERING



ART

MATHEMATICS

$$\begin{array}{r} \times + 3 \\ \div \sqrt{\quad} = \end{array}$$

10TH YEAR

ANNIVERSARY

www.norcalsciencefestival.org

DESIGNED BY LHS STUDENT: SADIE RATHJEN

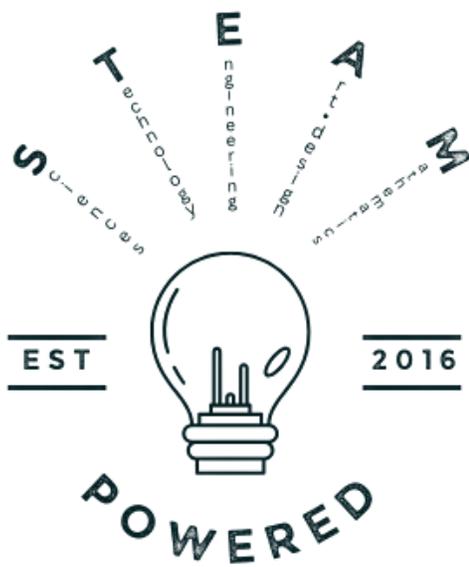


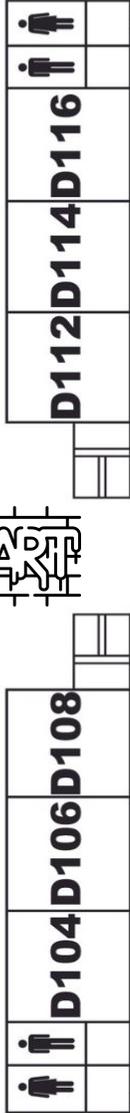
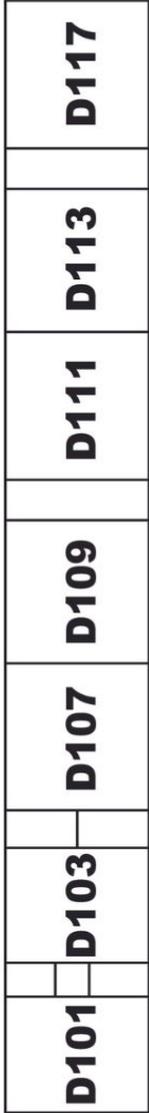
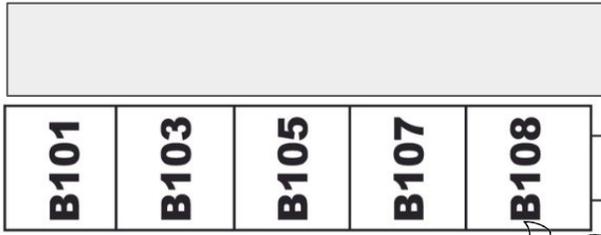
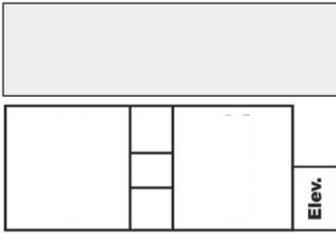
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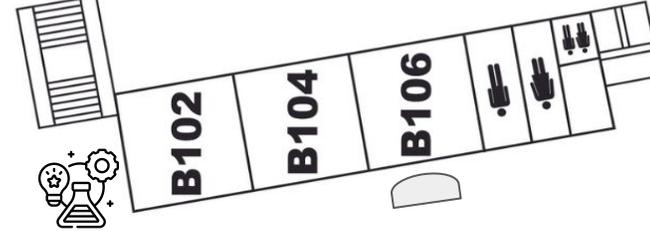


MAP

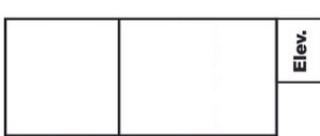
PACIFIC AVENUE



I Science...



Amphitheater



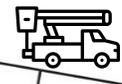
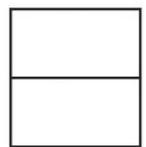
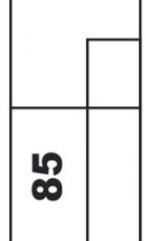
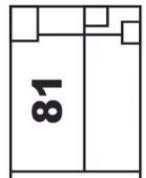
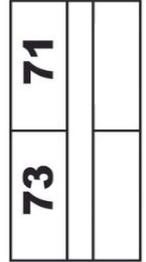
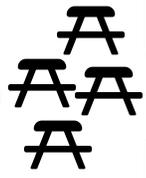
MAIN
ENTRANCE



PARKING

2

FOOD TRUCKS



Stations

In alphabetical order by presenter

Amazing Humans, Companies, & Organizations	Exhibit/Presentation	location
Ag Innovations	Delta Conveyance Project: Understanding the Environmental Impact	Sail 2
American Red Cross	Seeing Red - All about Blood	A106
Animal Friends Connection Humane Society	The Science Behind Animal Care	A Building - Stairs
APPLE Academy Curiosity Lab	Hands on STEAM activities with LHS APPLE students	81
Beam Circular	DNA Extraction	D113
Bricks 4 Kidz Stockton	Lego Engineering	B103
Budbreak Innovations	Behind the Scenes of Building a Vineyard Robot	B building - Courtyard
Cal-Waste Recovery Systems	If It Grows, It Goes: Untangling the mystery of food waste recycling	Sail 1
California Canine	The Sniff Showdown, meet a trained scent detecting dog. Live presentations at 11:30 & 1:30	73 - Courtyard
Ca Dept of Fish & Wildlife: Sandhill Crane Tour	Ecology of the Sandhill Cranes	73 - Courtyard
California Sunlight Corp.	Portable Solar Energy	Sail 5
Center for Land Based Learning	Native Plants and Sustainable Agriculture	Sail 1
City of Lodi - Electric Utility	Exploring Electricity & Lineman work	D116
City of Lodi - Police Department	Police Technologies - Drone & Robot	Sail 3
City of Lodi - Public Library	Lodi Library Programs - Expanding the STEAM Experience	B105
City of Lodi - Water Conservation	Aerial Art - Watercolor of the Delta	73
City of Lodi - Water Conservation - Watershed	Where does our water come from and how can we conserve it?	73
Civil Air Patrol - Major Thomas Sabatino	The X15 Model rocket: Build and and Launch a model	B101
Center for Land Based Learning	Native Plants and Sustainable Agriculture	Sail 1
Collins Electric	Explore a bucket truck & learn about Electrical Engineers	A building - Courtyard
Delta Flyfishers	Learn About Salmon in the Classroom & Tie flies for fishing	71
East Bay Municipal Utilities District (EBMUD)	Meet a fish biologist & hydrographer, see maps of fisheries	Sail 2
F&M Bank	Learn about banking and preparing for your future	Sail 3
Girl Scouts of Lodi	Build your own pinwheel	Sail 4
Heart of Shells	Stained glass art - Faux stained glass with vellum paper and tissue paper	A building - Courtyard
Jim Elliot Christian High School	Raptor Force Engineering FIRST Tech Challenge Team 25725	D building - Courtyard
KG Vineyard Management	Self Propelled Evolution Grape Harvester	Parking Lot
Kids in Tune - Melissa Fritz	Science of Sound	D106
Lawrence Livermore National Lab	Hands on activities	D113
LISTOS	Disaster Preparedness- Using Solar Powered Emergency Radios	Sail 5
LodiUSD - College & Career Readiness	Pathway to STEAM Careers	Sail 3
Lodi USD Bear Creek Science - Mike Heberle	Microscope Madness, Amazing Anatomy, Banana Stitching	D109
Lodi USD Bear Creek STEM - Thomas Iturraran	3D Printing: Tinkercad, 3D Pens & Catapults	D111
LodiUSD Health Careers Academy - David Yee	Anti-Choking Demonstration	B101
Lodi USD Lodi High AP Physics Students _ Lisa Ing	Phantastic Physics & Circuitry	D117
Lodi USD Lodi High AVID & STAR	Lemonade for sale, Career Plinko, & Out Of This World temporary tattoos	Sail 5
Lodi USD Lodi High APPLE Academy	APPLE Academy Curiosity Lab - hands on STEAM experiments	81
Lodi USD Lodi High Robotics	Russell's Robotics & Computer Coding - watch for the t-shirt cannon robot!	85
Lodi USD Lodi High Walking Club	The Circulation Station	A106



Learn more about some of our visiting STEAM Professionals here today!

Stations

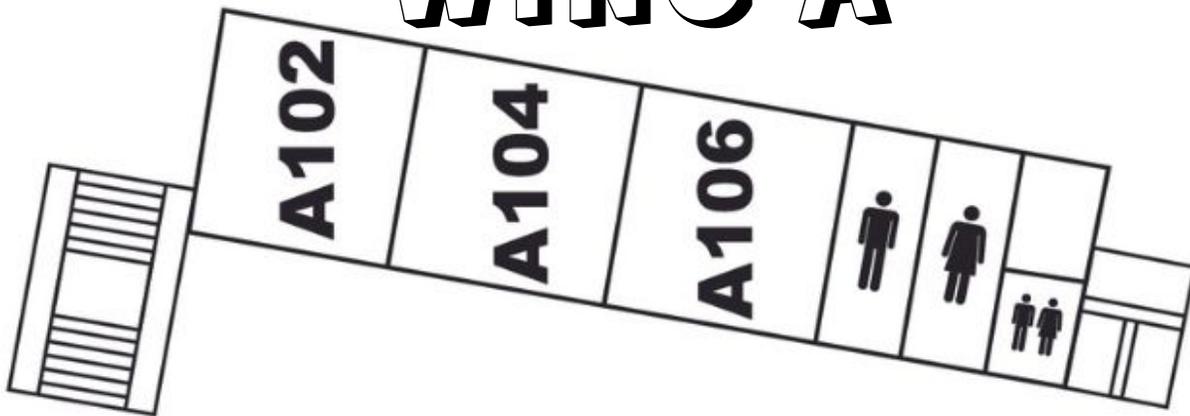
In alphabetical order by presenter

Amazing Humans, Companies, & Organizations	Exhibit/Presentation	location
Lodi USD Lodi High Muslim Student Association	Henna tattoos and spiropographs	D114
Lodi USD Millswood Science and Students	Paper Rocket build and launch	Grass behind B Bldg
Lodi USD Science & Art - Jacquie Shinn & Emi Nakagawa	Design & make your own button	Sail 4
LodiUSD Vinewood - Nicole Dickinson	Coding Ozobots and Spheros	B102
Lodi USD Teachers	Straw Frog Jump, Butterfly Chromatography	Sail 4
Lodi USD Teachers	Bridge Building Engineering Challenge	D107
Lodi USD Teachers	Nature Journaling	D104
Lodi USD Teachers	Salmon Scents - can you find your way back to your home river?	73
Lodi USD Teachers & Students	DNA Code Bracelets & UV Beads, Cross Stitching, & Brain Hats	D112
Lodi USD Valley Robotic Academy	Coding with Sphero indi	A013
LodiUSD Science	Planetarium sessions: every half hour (closed 12:30-1) Spectacular Starry Sky Art	A105
LodiUSD Science - Charlie Starr	Solar Play Art	Sail 5
Lorax Garden Station	Plant a seed and speak for the trees	Sail 1
Mister B's College Crunch Management	College Questions - Ask Me Anything!	Sail 3
NorCal Ambulance	Emergency Medicine in Action	Courtyard - A Bldg
NorCal Bats	Live bats on display, create a glider like a bat	B105
Norcal Planning Team	Drawing our Way to a Brighter Future - Chalk Art, I Love Science & the Earth Because...	Courtyard - D Bldg
Open Innovations: Jateen & Clare Bhakta	Future Play	A102
Rogue Making - Tenaya Conklin	Circuits and Electronics, make a tiny robot we call BumbleBot	A101 - hallway
San Joaquin Audubon	Exploring nature, protecting birds, and inspiring conservation across the Valley!	Sail 2
San Joaquin Delta College	Verizon Innovative Learning - VR	A107
San Joaquin County Sheriff	Crime Scene Investigation	Sail 3
San Joaquin Valley Air Pollution Control District	California Air Quality	Sail 2
SJCOE CodeStack	H2O Hackathon // E-Sports // Girls Coding Network	A104
SJCOE FabLab	Coding with Lights!	A104
School of Rock - Elk Grove	Public I - sets at 12pm, 1pm, & 2pm	Amphitheater
Stockton Astronomical Society	Exploring the sky through telescopes	Courtyard - D building
Stockton Lapidary and Mineral Society	Lapidary, Rocks & Minerals Oh My!	A108 - Hallway
Tree Lodi - Steve Dutra	Tree Lodi - Community Tree Care; Tree Planting Demonstration (12:30 pm)	Sail 1
Tribenzene	Colorful Chemistry with UOP Tribenzene	Stairs - B building
UOP School of Engineering & Computer Science	Prototyping & Testing	Sail 3
US Fish & Wildlife Service - Lodi Office	Fantastic Fish! Electrofishing boat, explore fish, and meet fisheries biologists.	71
World of Wonders Science Museum	Fingerprint Exploration	B107
Youth Eagles Aviation & Aerospace Education	Youth Eagles Aviation STEM	B104

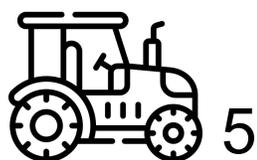
Visit the food trucks in our parking lot, a portion of sales will be donated back to NorCal Science to help our festival continue for years to come!

* Panda's Smoke Shack * Costa's Finest Kettle Corn
 * Kona Ice *Ty's Hot Dogs 4 * Travelin' Tom's Coffee

WING A



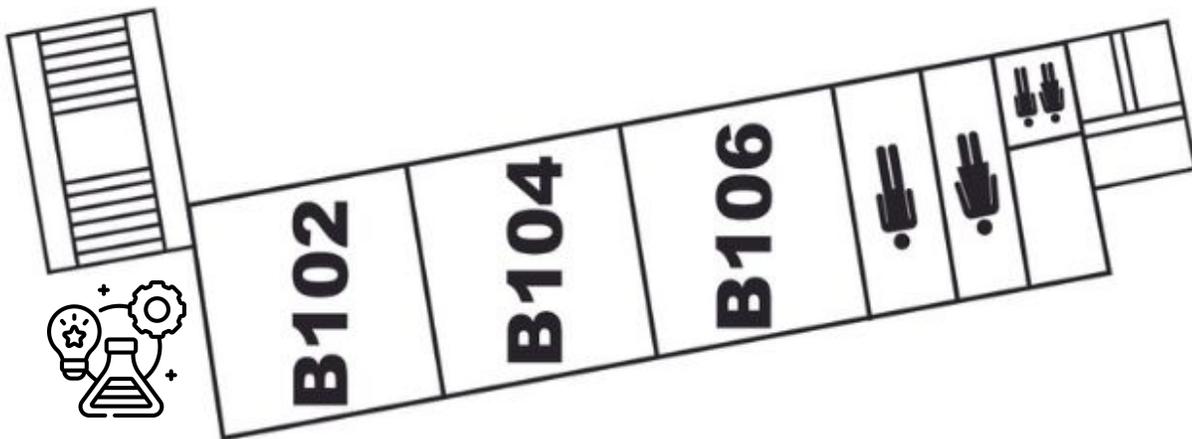
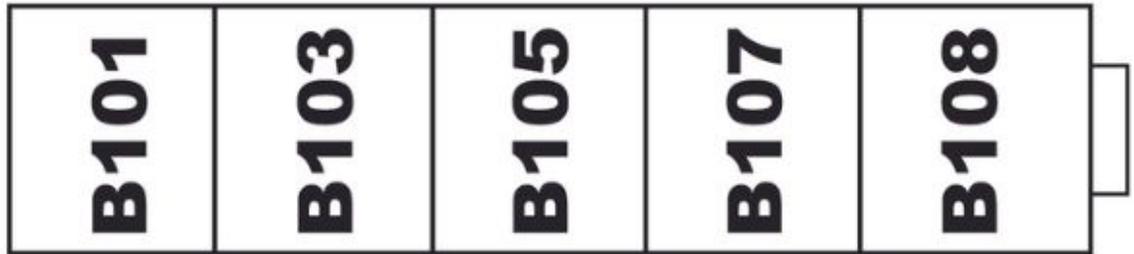
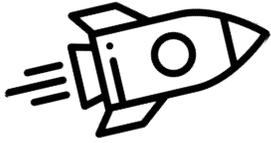
- ❑ Circuits & Electronics, make a BumbleBot (**A101 - hallway**)
- ❑ Open Innovation Center FuturePlay (**A102**)
- ❑ Valley Robotics Academy - Sphero indi (**A103**)
- ❑ Code Stack // Girls Coding Network // H2O Hackathon & E-Sports// SJCOE FabLab - Coding with Lights (**A104**)
- ❑ StarLab Planetarium (**A105**) *sessions every 30 minutes*
Spectacular Starry Sky Art (**A105 - hallway**)
- ❑ The Circulation Station, Learn About Blood, Anti-Choking Demonstration (**A106**)
- ❑ Verizon Innovative Learning - VR (**A107**)
- ❑ Stockton Lapidary & Mineral Club (**A108 - hallway**)
Create your own Lapidary bracelet to take home (**A108**)
- ❑ The Science Behind Animal Care (**A building - stairs**)



5

Visit the harvester in the parking lot!

WING B

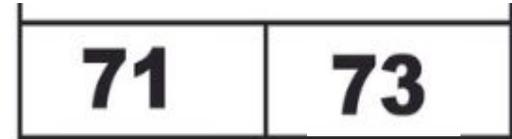


- The X15 Model rocket: Build and Launch (**B101**)
- Coding with Ozobots and Spheros (**B102**)
- Bricks 4 Kidz (**B103**)
- Youth Eagles Aviation (**B104**)
- Lodi Public Library (**B105**)
- WOW Fingerprint Exploration (**B107**)
- NorCal Bats (**B108**)
- Paper Rocket build and launch (**Grass behind B Building**)
- Colorful Chemistry with UOP Tribenzene (**Stairs**)

Court

Room 71 & 73

- City of Lodi, Delta Fly Fishers, US Fish & Wildlife, Sandhill Crane tour program
- California Canine
 - The Sniff Showdown: 11:30 & 1:30



Agriculture & Sustainability - **Sail 1**

- The Lorax's Garden Station
- Center for Land-Based Learning
- CalWaste
- Tree Lodi



Wonderful Watershed - **Sail 2**

- East Bay Municipal Utility District
- SJ Valley Air Pollution
- SJ Audubon Society
- Ag Innovations



STEAM Career Exploration - **Sail 3**

- Mr. B's College Crunch Management
- LodiUSD College and Career Readiness
- F&M Bank
- Lodi Police Department
- SJC Sheriff's Office
- UOP Engineering & Computer Science



ART: The A in STEAM - **Sail 4**

- Button Making, Frog Straw Jump, Butterfly Chromatography
- Girl Scouts of Lodi



Solar Exploration - **Sail 5**

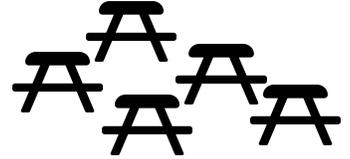
- Lemonade and tattoos
- Career Plinko
- CA Sunlight Corporation
- LISTOS
- Solar Art Play

yard



Amphitheater

School of Rock: Public I
Sets at: 12pm, 1pm, 2pm



Room 81

- Apple Academy
Curiosity Lab

F&M BANK
Where Banking is Easy!



Room 85

- LHS Robotics Club



Collins
Electric



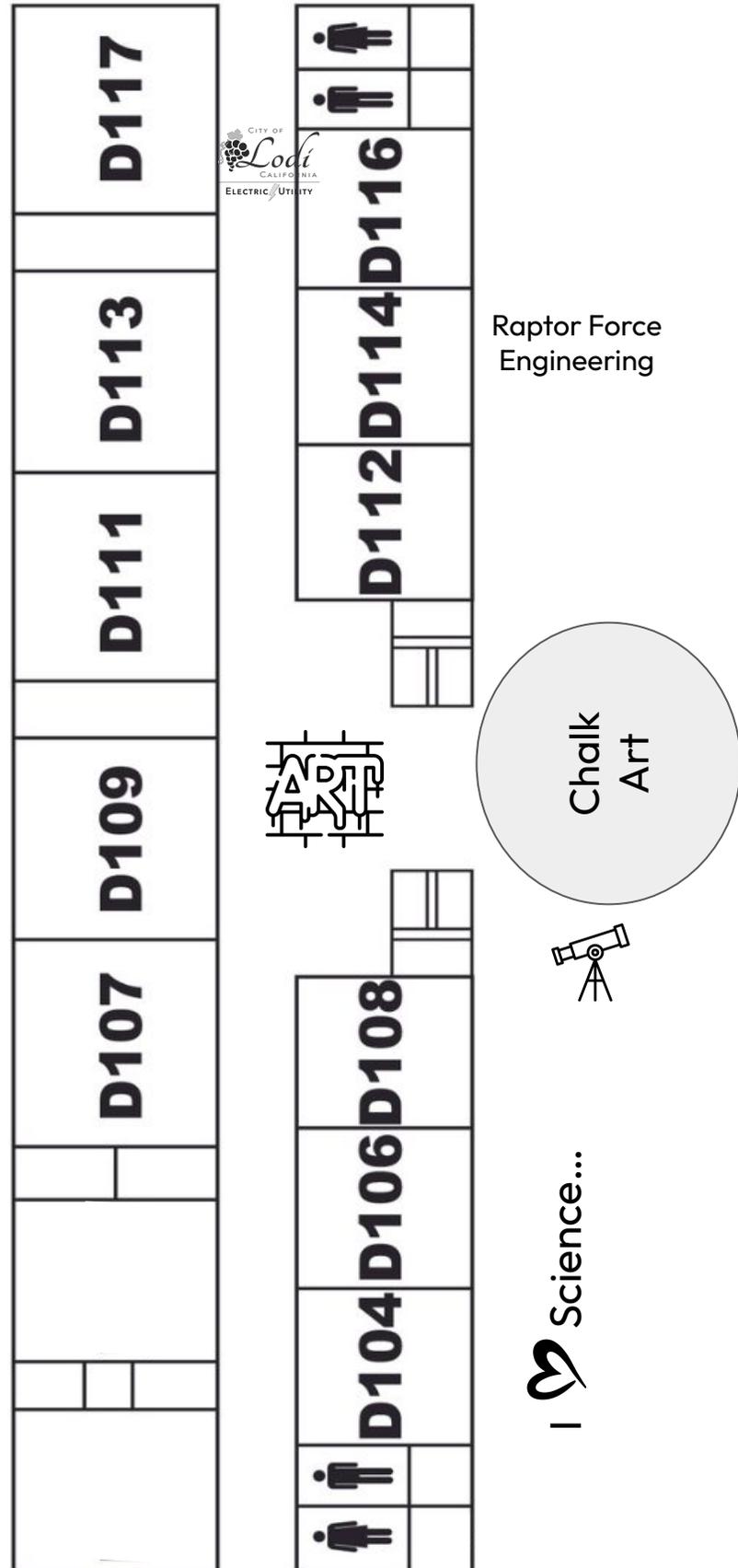
Heart of
Shells



Stockton Astronomical
Society

WING D

- ❑ “Junkyard Treasures” Art Show sponsored by 
- ❑ Nature Journaling **(D104)**
- ❑ Science of Sound **(D106)**
- ❑ Bridge Building Engineering Challenge **(D107)**
- ❑ Microscope Madness, Amazing Anatomy, Banana Stitching **(D109)**
- ❑ 3D Printing **(D111)**
- ❑ DNA Code Bracelets, Brain Hats, UV Beads, & Cross Stitching **(D112)**
- ❑ Rock Cycle & DNA Discovery Room **(D113)**
- ❑ Henna tattoos & Spirographs **(D114)**
- ❑ Lodi Electric Utility **(D116)**
- ❑ Phantastic Physics & Electrical Circuits **(D117)**
- ❑ Stockton Astronomical Society **(Courtyard)**
- ❑ Raptor Force Engineering Team 25725 **(Courtyard)**



THANK YOU !!



Pictured: (Left to right) Payton Piper, Rozilynn Lawhon, Lucas Niggli, Ms. Elizabeth Wright, Ms. Beth Fox, Andrew Avina, Tessa Fox, Isabella Oseguera, Rebecca Starr, Ms. Sandi Starr, Emma Starr, Finnegan Tomek
Not Pictured : Addison Bradley, Bruce Bates, Elle Sudderth, Esmeralda Meza Reyes, Estefani Oregel, Julia Lange, LeAnn Ibrahim, Levi Toste, Liam Chetley, Samantha Cooney, Sawyer Adolf, Willow Storm

Thank you so much for attending the NorCal Science and Technology Festival this year! We are very grateful to have all of our wonderful presenters, sponsors, and team members helping to run and plan the festival, making it into what it is today. However, we especially wanted to thank YOU for attending! The festival would not be possible without our incredible community and the support that has continued to be shown to the festival year after year. We hope that you love what we have in store for the festival this year and will continue to have in the future! A special shout out to Mr.Oesterman for hosting a campus clean up and all the volunteers for ensuring our campus was squeaky clean before the festival! We hope to see you again next year!

Our Future is Bright!

Senior Spotlight

Andrew Avina is a senior at Lodi High, and has been with the NorCal Science Festival planning team for three years. He loves the festival, and the sense of community it brings to Lodi High. He is excited to grow the festival with new presenters, so that the festival continues to stay fresh. He also helped coordinate the second ever Junkyard Masterpiece Art Show, which is very quickly becoming a fan favorite feature of the festival. Andrew plans on attending a four year university after High School, majoring in either Aerospace or Mechanical Engineering.



Elle Sudderth is a senior at Lodi High School and has been a part of NorCal since their junior year. They believe NorCal is a great way to gain meaningful community service experience as well as STEAM related opportunities. Elle appreciates the effort put in by everyone in the Planning Committee to continue to create this fun and engaging festival that creates future interest in STEAM. Elle plans to go to a four year university to study Environmental Science and wildlife conservation work.

Roz is a senior at Lodi High School and this is her first year participating in the planning of the festival. She participated in last year's festival, volunteering with Mrs. Osterman to help run the STAR club booth, and has since decided that it would be something that she would like to be a part of. So far, Roz has met so many great people and is looking forward to getting to know the people of our community and teaching STEAM to future generations. After High School, Roz plans to attend a four-year university and major in entomology.



Esmeralda Meza Reyes is a senior and a first-year official member of the NorCal's festival planning team, working on the Marketing and Advertising team. While this is her first year working behind the scenes, she has been involved with the NorCal festival for the past four years, helping out at the festival's booths and gaining hands-on experience.

Estefani Oregel is a senior and this was her first year planning the festival. She has volunteered at this event every year since 8th grade. She believes the festival is a great way to introduce the community to STEAM, especially to younger students. She has always enjoyed seeing families come, especially seeing elementary students having fun in STEAM. She plans to attend a four-year university and major in biology to pursue a career as a cardiologist.



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