



Presented By
illumina

EXPO DAY 2016

You can also view map online at www.lovestemsd.org



- PARKING
- TROLLEY
- BUS STOP
- RESTROOMS
- INFORMATION BOOTHS
- ADA ACCESSIBLE RAMP

- ILLUMINA DISCOVERY STAGE
- DUGOUT STAGE
- MERCADO - FIRESIDE CHATS
- MERCHANDISE BOOTH
- VOLUNTEER QUESTIONS
- EXPO DAY ADVENTURE
- RECYCLE CHALLENGE BY STEAM MAKER WORKSHOP

STAGE SCHEDULE

- A** ILLUMINA STAGE
- 10:30 AM Music Notes Math Concert by Music Notes
 - 10:45 AM Bright Idea Society Presentation
 - 11:15AM Don't Try This at Home! by Reuben H. Fleet Science Center
 - 12:15 PM Ms. Smarty-Plants™ Grows Earth Heroes! by The Water Conservation Garden
 - 1:00 PM Hot Topics About Fusion! by General Atomics
 - 1:45 PM Music Notes Math Concert by Music Notes
 - 2:00 PM Ecovivarium
 - 2:45 PM Stump the Engineer by Qualcomm
 - 3:15 PM Movie Special F/X by Mad Science

- B** DUGOUT STAGE
- 11:00 AM TEDxKids
 - 11:30 AM Music Notes Math Concert by Music Notes
 - 12:00 PM TEDxKids
 - 12:30 PM Music Notes Math Concert by Music Notes
 - 1:00 PM STEAM Maker Recycle Fashion Show
 - 2:00 PM TEDxKids
 - 3:00 PM STEAM Maker Recycle Fashion Show

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EXTRA CREDIT EXPO ADVENTURE!

Brought to you by: **MISSION FEDERAL CREDIT UNION**

M Pick up a map at the Extra Credit Booth in the Mercado.

Take the sheet to get stamped at the 4 exhibitor booths located at Park at the Park: P1, P2, P5, P30

Once completed take your sheet back to the Extra Credit booth and listen to a fireside chat and answer questions to collect your treasure!

EXHIBITORS

LOCATION KEY

HP: Home Plate
LF: Left Field

OP: Omni Premier
P: Park at the Park

PA: Power Alley
PB: Park Blvd

PC: Palm Court
WM: Western Metal

OP16	ABC10 / Azteca San Diego 15	P87	Illumina	PA3	San Diego Fair
P33	Air Group One, San Diego Chapter of the Commerative AirForce	P66	I Love A Clean San Diego	WM3	San Diego Futures Foundation
HP11	American Chemical Society - San Diego Section	PC2	International Bridge Technologies, Inc.	RF13	San Diego Mesa College (Psychology/Psi Beta)
OP4	American Industrial Hygiene Association - San Diego Chapter	PC9	J. Craig Venter Institute	PB2	San Diego Model Railroad Museum
P3	Apple	RF8	Jacobs Graduate School Council (JGSC)	HP4	NDIA San Diego Chapter
P54	Ardea Biosciences	RF1	Japanese Friendship Garden	RF3	San Diego Natural History Museum
P9	Ascent Boards	P49	JCS San Diego Academy	PB10	Sanford Burnham Prebys
P30	Association of Women in Science SD	OP1	Jefferson IB STEAM Magnet Elementary School - San Diego Unified School District	RF11	Science Delivered
RF12	Be The Change International	PB16	Johnson & Johnson JLABS	HP5	Science of Music, CBS Radio
PA9	Biodiesel & Algal Studies Group, Castle Park High School	LF29	K12 Online Public School	PA12	Scintillon
P2	Biomedical Engineering Society (BMES)	P51	Kaiser Permanente	LF10	SHPE San Diego Professional Chapter
PA15	Birch Aquarium at Scripps Institution of Oceanography	PC8	KYXY 96.5	LF28	Society of Asian Scientists and Engineers
RF10	Boy Scouts of America	PA1	Lakeshore Learning Materials	HP16	Society of Women Engineers SD
OP12	BP America	P69	Live Well San Diego	LF31	Solana Beach School District
P40	Boys and Girls Clubs of Greater San Diego	P10	Mad Science	LF27	SouthWest Robotics in Science Education (SWRiSE)
RF28	C2 Education	RF30	Magnolia Science Academy	RF23	SPAWAR System Pacific
OP3	Cabrillo National Monument- National Park Service	P17	Merchandise (Festival Gear)	P91	Sprout by HP
P31	California Space Grant Consortium (CasGC)	WM6	Microsoft	RF33	Star Wars Steampunk Recycled Fashion And Engineering Challenge
PB11	Caltech- CCI Solar	P52	MilliporeSigma	OP5	The Learning Choice Academy
WM2	Center for Research in Mathematics and Science Education	P15	MiraCosta College	RF2	The Raptor Institute
LF2	Center for Selective C-H Functionalization	P22	NASA/Jet Propulsion Laboratory	P67	The San Diego River Park Foundation
P68	City of San Diego Public Utilities Department	RF4	National Marine Mammal Foundation	PB13	Thermo Fisher Scientific
P7	Cox Communications	LF14	National University	P61	Think Blue, City of San Diego
PC5	Cubic Corporation	WM4	NewSchool of Architecture & Design	HP13	Tijuana River National Estuarine Research Reserve
LF34	Cymer	P44	Olive Elementary School	LF20	TREW Robotics
LF22	Design39Campus	OP6	Padres Science of Baseball	P1	UCSD Bioengineering Graduate Society
LF3	E2 Young Engineers	LF30	Palomar College	RF17	UCSD Bioinformatics and Systems Biology Graduate Program
PA5	EcoVivarium	PB3	Pfizer	PA13	UCSD IEEE
PB8	Energy 103.7	WM1	Photonics@UCI	LF37	UCSD Neuroscience Outreach Program
PC10	Escondido Police Department	PB1	Point Loma Nazarene University	LF23	UCSD/ Canyon Crest Academy
P42	Feaster Charter School	OP14	Poway Unified School District	LF12	UCSD Skaggs
HP7	Ferring Research Institute	LF6	Project Cornerstone, Inc.	RF15	University of San Diego Biology
LF1	Franklin Elementary STEAM Magnet	RF27	Puro Sound Labs	PB5	Univision
PA14	GEEK GIRL	PC3	Qualcomm	PA18	USS Midway Museum
P64	Genentech	P84	Qualcomm	P79	UTC Aerospace Systems - Aerostructures
P35	General Atomics	RF22	Raytheon	HP1	Vertex Pharmaceuticals
LF9	Gordon and Jill Bourns College of Engineering at California Baptist University	RF19	RCSB Protein Data Bank, UC San Diego	P37	ViaSat
P46	Hologic	P95	Reuben H. Fleet Science Center	HP10	Washington Elementary STEAM Magnet
		LF16	Roosevelt International Middle School	RF25	Westpak, Inc.
		P56	Salk Institute for Biological Studies	P27	Zovargo
		RF5	San Diego Air & Space Museum		
		PA4	San Diego American Association for Laboratory Animal Science		
		P28	San Diego Children's Discovery Museum		
		HP12	San Diego Coastkeeper		
		P59	San Diego County Credit Union		
		P5	San Diego County Office of Education/ City of San Diego Department of Environmental Services		

PRESENTED BY:



THE LEAGUE OF EXTRAORDINARY SCIENTISTS

At the Mercado

FIRESIDE CHATS

10:30 Jeff McQuaid, Scripps Institute of Oceanography OCEANOGRAPHY

11:00 Jeane Wong, League of Extraordinary Scientists SCIENCE

11:30 Paige Howorth, LXS Inside Out Tour ENTOMOLOGY

01:00 Morgan Keefe, Science Medicine at AZCOM ^{Bilingual} MEDICINE

01:30 Dr. Sarah Smith, Scripps/UCSD GENOMICS

02:30 Dr. Lisa Ziegler, J. Craig Venter Institute VIRUSES/BIOLOGY

02:30 Dr. Sunny Fugate, SPAWAR ARTIFICIAL INTELLIGENCE

03:00 Dr. Tom Darlington, Nano Composix NANO TECH

03:30 Pat Flanagan, Butterfly Farms CONSERVATION

LXS SCIENCE TOUR

11:15-12:00 **MAKING WAVES**
In the "Making Waves" tour, students will be introduced to marine plants and encouraged to think critically about what makes a plant a plant! OCEANOGRAPHY

12:15-1:00 **INSIDE OUT**
Often thought of as our bug tour, the INSIDE OUT TOUR offers much more than that. This tour hits on the very foundation of the how gather and share discoveries globally ENTOMOLOGY

1:15-2:00 **I WILL SURVIVE**
Not just for the Bears- Hibernation, Estivation, and Migration. How do different animals survive and thrive. Students will get a closer look at the difference between sleeping in and hibernating ANIMALS

2:15-3:00 **LIFE CYCLES**
Discover how scientists explore, discover, journal and share information to better understand our planet. Did you know YOU are VIVA VIVIPAROUS? METAMORPHOSIS

3:15-4:00 **ROBOTIC MINDS**
All new in 2016! ROBOTICS

#loveSTEMsd16