

SPRING CAMPS REGISTRATION

Join **spring camps** at the Fleet, where new adventures await each day! Our science-themed spring camps provide exciting experiments, intriguing investigations and fantastic fun. (Oh—and don't tell the kids, but they'll be learning a lot, too!) Grades 1-3 can enjoy a variety of fun and educational activities and themes and Grades 4-8 work on sharpening their computer science and technology skills. **Registration begins February 1! Call (619) 238-1233 x806 to register.**

FLEET SPRING CAMPS

Members \$60 per day
Nonmembers \$65 per day

- **March 25: In the Ocean**
Explore the big blue ocean, including water chemistry, boat building and more.
- **March 26: Up in the Air**
Up, up and away! This camp will fascinate you with flying objects and weather from above.
- **March 27: Thinking Green**
Experiment with hydropower, water filters and learn how to upcycle.
- **March 28: The Great Outdoors**
Rocks, trees, animal identifiers and more make this camp exciting for any adventurer!
- **March 29: Extreme Conditions**
Learn about extreme climates, like deserts and tundra, and discover what humans do to tolerate extreme situations.

THOUGHTSTEM COMPUTER SCIENCE AND TECHNOLOGY CAMPS

Members \$70 per day
Nonmembers \$75 per day

- **March 25: Coding for Pokemon Fans**
In this class, students will learn how to code a Pokemon-themed survival video game. After learning how to create characters with walking animations, students will try to navigate their characters through various obstacles.
- **March 26: Coding for Star Wars Fans**
Drawing on inspiration from the *Star Wars* universe, students will explore their favorite characters, powers and dramatic moments, and incorporate their own characters and game dynamics into a battle arena video game of their own creation!
- **March 27: Coding for Marvel Fans**
Using *The Avengers* as inspiration, students will create a battle arena video game that pits their favorite superheroes against their least favorite villains in an endless battle between good and evil!
- **March 28: Coding for Minecraft Fans**
Drawing on the video game mechanics of Minecraft, students will code their own game with day/night cycles, health bars and enemies like Creepers to hide from at night!
- **March 29: Coding for Fortnite Fans**
In this camp, students will learn how to code different features of Fortnite, like enemies, armor, weapons and potions into their own unique 2D games!

FILM & PLANETARIUM SHOW SCHEDULE EUGENE HEIKOFF AND MARILYN JACOBS HEIKOFF GIANT DOME THEATER

VOLCANOES

Daily: Noon, 3 & 5 p.m.

Please note: No noon show on February 4. No 3 p.m. shows February 17-28.

GREAT BARRIER REEF

Daily: 2 & 4 p.m.

Fri-Sun: 6 p.m.

Please note: No 6 p.m. show on February 10. Additional 11 a.m. shows February 17-18 and February 23-24.

PANDAS

Daily: 1 p.m.

Sat-Sun: 11 a.m.

Please note: Additional 11 a.m. show February 5. No 11 a.m. shows on February 17, 23 and 24.

DREAM BIG: ENGINEERING OUR WORLD

Daily: 3 p.m.

Please note: February 17-28 only.

THE SKY TONIGHT: UNDERSTANDING THE STARS

FEBRUARY 6: 7 & 8:15 p.m.

KIDS' NIGHT OUT

SATURDAY, FEBRUARY 16
5:30-9:30 p.m.

Kids, ditch your parents for the night and come hang out at the Fleet after hours! You'll get to see an IMAX film on the Giant Dome Screen, participate in a scavenger hunt and enjoy a pizza dinner. Best of all, you'll be one of the first to check out the Fleet's newest exhibition, Pause|Play, opening February 15! **Call (619) 238-1233 x806 to register.**

\$29.95 first child
\$24.95 per sibling
Member discounts available.



HOURS

MON-THU 10 a.m.-5 p.m.

FRI-SUN 10 a.m.-6 p.m.

*Hours subject to change.
Check our website when
planning your visit.*

**Please note: The Fleet
will close at 5 p.m. on
February 10.*

1875 El Prado
San Diego, CA 92101
(619) 238-1233
fleetscience.org

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@fleetscience

PUBLIC OPENING OF PAUSE|PLAY

FEBRUARY 15

AR/VR FESTIVAL

FEBRUARY 16

KIDS' NIGHT OUT

FEBRUARY 16

And more! Look inside. >



Financial support for the Fleet Science Center is provided in part by the City of San Diego Commission for Arts and Culture.



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Enjoy your time at the Fleet?
Become a volunteer! fleetscience.org/volunteer



EVENTS CALENDAR

FEBRUARY EVENTS

FLEET EVENTS

FEBRUARY 2 Make-It Workshop: Valentine String Art

ALL AGES

What better way to celebrate Valentine's Day than to design and create a gift by hand? String art is a fun and creative way to learn how to use new tools and practice your handy skills.

11:30 a.m.–3:30 p.m.
Studio X
\$5
10 projects max

FEBRUARY 4 Senior Monday

65+

Enjoy discounted admission, a show in the Heikoff Giant Dome Theater and the opportunity to attend an engaging lecture on exciting scientific topics.

Seniors \$8
Adults \$21.95

FEBRUARY 4 Sharp Minds

Hear from local scientists about their latest research and discoveries in a friendly, inviting environment. Lecture is free with the purchase of the noon theater ticket. This month's topic: the history of chocolate and new science on its health benefits.

10:30 a.m. lecture
Noon theater show: *Born to Be Wild*
Guest speaker: Dr. Francisco Villarreal, UCSD

FEBRUARY 6 Exploring Ethics: Reconstructing Brains in the Lab

This month's topic discusses how mini brains are generated in the lab and how they can offer novel therapeutic insights on neurogenetic disorders such as autism. We'll also describe the use of mini brains to explore the uniqueness of the human brain compared to extinct species.

5–7 p.m.
Community Forum

FEBRUARY 6 The Sky Tonight: Understanding the Stars

What does the color of a star tell us? What is the stars' energy source? And how do we know? We'll learn about the stars, from nuclear fusion and solar flares to the telescopes and spacecraft that help us understand them.

Adults \$19.95
Seniors \$18.95
Juniors \$17.95
Member discounts available.

FEBRUARY 7–10 Young Scientists: Engineering

Young Scientists is a hands-on preschool science program offered by the Fleet Science Center. This month, topics include Strong Structures, On the Road, Under the Water and In the Air.

Thursdays, Saturdays or Sundays 9–10 a.m.
Additional Sunday sessions 11 a.m.–noon.
Members \$75
Nonmembers \$85

FEBRUARY 9 Make-It Workshop: Valentine String Art

ALL AGES

What better way to celebrate Valentine's Day than to design and create a gift using string and nails? String art is a fun and creative way to learn how to use new tools and practice your handy skills.

11:30 a.m.–3:30 p.m.
Studio X
\$5
10 projects max

FEBRUARY 9–10 Weekend Science Club: Valentine's Day Science

Express your love for science this Valentine's Day! Experience some hot and cold reactions and other Valentine's Day experiments.

• **February 9**
Saturday Science Club for Girls
For girls in grades 5–8
Noon–2 p.m.

• **February 10**
Sunday Science Club
For students in grades 5–8
1–3 p.m.

Members \$13
Nonmembers \$15

FEBRUARY 15 Public Opening Party for Pause|Play

An exhibition that invites the young and young-at-heart to experience the power of play, Pause|Play highlights the science behind your favorite playground pastimes. Test your speed on a 30-foot slide, find your way through an interactive maze and try to ride an oversized tricycle with square wheels. Put down your device and remember what it was like to play!

10 a.m.–6 p.m.
Fleet Science Center
Regular admission rates apply.

FEBRUARY 16 AR/VR Festival: Tech Takeover!

ALL AGES

Explore the future at the Fleet's Augmented and Virtual Reality Festival. Visitors of all ages will have a chance to explore the AR and VR technologies that are currently being used for education, medical science and more. Activities free with paid admission.

11 a.m.–4 p.m.
Innovation Gallery and Theater Lobby

FEBRUARY 16 Kids' Night Out

5-12

Kids will get the opportunity to explore the Fleet after hours while their parents enjoy the night off. Catch an IMAX film, participate in a scavenger hunt and enjoy a pizza dinner.

5:30–9:30 p.m.
\$29.95 first child
\$24.95 per sibling
Member discounts available.

FEBRUARY 23 Make-It Workshop: Rubber Band-Powered Car

ALL AGES

Use your imagination and engineering skills to design a car that's powered by a humble rubber band.

11:30 a.m.–3:30 p.m.
Studio X
\$5
25 projects max

COMMUNITY EVENTS

52 Weeks of Science

52 Weeks of Science brings researchers, engineers and scientists to local neighborhoods to share the wonder of science with families where they live, work and play. All events are **FREE**. For details, visit 52weeksofscience.org. *52 Weeks of Science is sponsored in part by SDG&E, Union Bank Foundation and Qualcomm.*

Barrio Logan

• **February 11: Alzheimer's Disease—The Basics**
Join us for a free workshop about memory loss, dementia and Alzheimer's disease. Learn about the symptoms of Alzheimer's, types of dementia, the process of a diagnosis and more. Sessions will be taught in Spanish.

3–4 p.m.
Logan Heights Library
567 S. 28th St.
San Diego, CA 92113

• February 12: Molecool Tuesday—Make Them Mainstream

In this civil engineering workshop, girls will learn about dimensions, measurements, spatial awareness, 3D visualization and 3D manipulation. Students will then use their knowledge and the Engineering Design Process to create their own structure as a team.

4:45–6 p.m.
Logan Heights Library
567 S. 28th St.
San Diego, CA 92113

• February 26: DIY Bio— Engineering Biology

In this Library NExT workshop, students will explore synthetic biology, the intersection of biology and engineering. They will find out how DNA can be changed to alter the way biological systems work. Students will also learn about bioprinting as they create models and art pieces to take home.

4:30–7:30 p.m.
Logan Heights Library
567 S. 28th St.
San Diego, CA 92113

Clairemont

• February 2: Love Your Wetlands Day

Join the San Diego Audubon Society and the UC Natural Reserve System for a celebration of our local wetlands. This is the one and only day of the year that the Kendall-Frost Marsh is open to the public! Take advantage of this unique opportunity to learn more about the wilderness in your own backyard.

9 a.m.–4 p.m.
Kendall-Frost Mission Bay Marsh Reserve
2055 Pacific Beach Dr.
San Diego, CA 92109

• February 4: Communicating With Technology

Discover more about the technologies we use to communicate. This presentation includes hands-on learning with smartphones and tablets, as well as lecture/discussion. This workshop is intended for those 55+, but everyone 18+ is welcome to attend.

12:30–2:30 p.m.
Serra Mesa-Kearny Mesa Library
9005 Aero Dr.
San Diego, CA 92123

• February 16: Medicine and the Heart

Explore the body's circulatory system, get an introduction to human anatomy and physiology and learn about different diseases linked to the heart. This workshop is for students with an interest in anatomy, especially those considering careers in medicine.

1–4 p.m.
Serra Mesa-Kearny Mesa Library
9005 Aero Dr.
San Diego, CA 92123

• February 16: Animation and Video Game Design Using Scratch

Make zombies, princesses and flying carpets come to life as you develop your own online game! Using the computer program Scratch, students will learn about character and storyboard design as well as basic animation to create their own games. No prior computer coding experience is required.

1–4 p.m.
Linda Vista Library
2160 Ulric St.
San Diego, CA 92111

FEBRUARY 11

Suds & Science: Movement in the Microcosmos

Organisms such as small arthropods inhabit an alien world, the microcosmos, where they're confronted with complex environments that challenge their ability to move. Join us as Dr. Nick Gravish examines the extremes of locomotor performance at the milliscale as well as the complexity of the microcosmos.

6:30–8 p.m.
Mangia Italiano, 248 3rd Ave.
Chula Vista, CA 91910
\$5 online; \$6 at the door

EDUCATION EVENTS

Register for Teacher Workshops at: fleetscience.org/teachers

FEBRUARY 6 Teachers Eating Pizza

Explore and experiment with materials made for space in this workshop that focuses on NASA technology in civilian life.

5–8 p.m.
LL1
Free with advanced reservation.

FEBRUARY 7 Picture Book Science: Exploring the Ocean Floor

Discover mountains and valleys—under the ocean! Learn how scientists map the bottom of the sea through a hands-on investigation.

5–6:30 p.m.
Grade 3–5 Educators
\$5

FEBRUARY 28 Picture Book Science: Engineering a Pollinator

Use the Engineering Design Process to discover what a pollinator is and how it pollinates.

5–6:30 p.m.
Fleet Science Center
\$5
Grade TK–2 Educators