SDSU Science & Engineering Sampler • March 19, 2016 • 9am-2pm
FREE Public Event and Parking • Fun for the entire family • No RSVP needed

CHEMICAL SCIENCES LABORATORY (CSL building)

VizCenter: Helping the World CSL 120
See how the VizCenter helps with Humanitarian Assistance Disaster Relief, stimulation of international relationships and trade, plus assisting law enforcement through emerging technologies, innovative back-end processing, and operational needs.

CSI meets CSU CSL 226
Learn about Forensic Science, develop fingerprints utilizing different methods.

X-ray Crystallography CSL 231
Chemists and biologists learn how a molecule works by studying its three-dimensional structure. Even the largest molecules are too small to be directly observed by the most powerful light microscopes.

Make a Bouncing Ball with Polymer Chemistry CSL 2nd-Floor
Make a polymer bouncing ball out of common household items.

Show-Me Geology CSL 2nd-Floor
Learn about the importance of rocks and minerals in everyday life, start a mineral collection.

Physical Sciences (PS building)

Electron Microscope Facility PS 1
See inside cells magnified thousands of times on our scanning and transmission electron microscopes.

LIFE SCIENCES (LSS & LSN buildings)

Museum of Biodiversity LSS 269
See big bugs, hairy spiders, skeletons, furs, feathers, plants, and more from our vast museum collection. Learn about field biology and natural history education at SDSU.

Phage Attack: Weapons of Microbe Destruction LSN 2nd-Floor
Learn how phage, the viruses of bacteria, launch attacks against their bacterial targets. See bacterial cultures before and after phage attack.

Exploration of the Human Body LSN 3
Explore the amazing world of the human body. Look into a microscope to see the incredible organization and beauty behind bone and muscle.

Flow Cytometry Facility: Lasers Make Cells Glow LSN 26
Watch with microscopes as high-powered lasers allow individual cells to fluoresce in different colors.

ENGINEERING (Mediterranean Garden & E building)

Engineering Village Mediterranean Garden
Various displays including: mechanical engineering machine shop, aerospace, and robotics. Facility tours start at 10:30am, 11:30am, and 12:30pm.

BioEngineer for the Day ENG 221
Learn how electrical signals are measured from the muscles and brain and used to control devices from games to prosthetic limbs.

DISCLAIMER:
The Cambridge School does not sponsor, supervise, nor endorse this activity, event, organization, or its content. Distribution of this material is provided by the district as a community service for non-profit organizations. Any questions or comments should be directed to San Diego State University, College of Sciences (619) 594-5142.

http://sdsu.edu/sampler