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.

Electron Microscope Facility
PS 1
Use molecular modeling software on computers to construct a molecule and test it for stability.

PHYSICS ASTRONOMY (PA building)

The Lab Zone
PA 119
Hands-on design, building, and testing of your very own project to learn basic math, engineering, and scientific principles.

Super-Cool Ice Cream: The Cool World of Cryogenics
PA 215
Liquid nitrogen instant ice cream, balloon freezing, and much more.

Planetarium Shows
PA 209
Enjoy a tour of the starry night sky in our planetarium. Shows are 20 minutes long and are given every half-hour. (Unfortunately, there is no wheelchair access inside the planetarium.)

Telescopic Views of the Sun
PA Roof
View the Sun (safely!) through telescopes; hopefully see sunspots.

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.

http://sdsu.edu/sampler

DISCLAIMER:
St Rose of Lima 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.