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.

Laser Applications in Chemistry and Biochemistry  
CSL 302  
A wide range of lasers, used in multi-photon nonlinear laser techniques for biomedical and environmental applications, will be on display.

Engineering & Electromagnets (Aztec Science Camp)  
CSL 3rd-Floor  
Find your creativity as you complete an engineering design task to withstand “The Crusher” and build an electromagnet. Parents can learn more about Aztec Science Summer Camp.

Marine Life Touch Tank  
CSL 4th-Floor  
Learn about Southern California marine life and ecosystems with the Coastal and Marine Institute.

Who Cheated? Find out by Using Chromatography  
CSL 526  
Five students are suspected of forging the answers to an exam. You need to determine if one of the pens found on a suspect matches the ink from the exam. Use the same technique the police use to analyze ink.

PHYSICS ASTRONOMY (PA building)

The Lab Zone  
PA 119  
Hands-on design, building, and testing of your 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!) though telescopes; hopefully see sunspots.

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.

GEOLOGY, MATHEMATICS, COMPUTER SCIENCE (GMCS building)

Take a Land Cruise on the RP Oceans  
GMCS 108  
Make waves, move beaches, and measure the Earth’s rotation.

Regenerating the Human Body with Stem Cells  
GMCS 128  
Learn how stem cells make-up different parts of the human body and how they repair and replace dead and damaged organs.

Build Your Own Butane: Chemistry on the Computer  
GMCS 245a  
Use molecular modeling software on computers to construct a molecule and test it for stability.

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