CHEMICAL SCIENCES LABORATORY (CSL building)

VizCenter: Helping the World
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
Learn about Forensic Science, develop fingerprints utilizing different methods.

X-ray Crystallography
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
Make a polymer bouncing ball out of common household items.

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

GEOLOGY, MATHEMATICS, COMPUTER SCIENCE (GMCS building)

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

Regenerating the Human Body with Stem Cells
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
Use molecular modeling software on computers to construct a molecule and test it for stability.

LIFE SCIENCES (LSS & LSN buildings)

Museum of Biodiversity
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
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
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
Watch with microscopes as high-powered lasers allow individual cells to fluoresce in different colors.

ENGINEERING (Mediterranean Garden & E building)

Engineering Village
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
Learn how electrical signals are measured from the muscles and brain and used to control devices from games to prosthetic limbs.

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