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.

**Laser Applications in Chemistry and Biochemistry**
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)**
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**
Learn about Southern California marine life and ecosystems with the Coastal and Marine Institute.

**Who Cheated? Find out by Using Chromatography**
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**
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**
Liquid nitrogen instant ice cream, balloon freezing, and much more.

**Planetarium Shows**
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**
View the Sun (safely) though telescopes; hopefully see sunspots.

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.

http://sdsu.edu/sampler