



Entertainment and Education... It's an Unbeatable Combination at the Lori Brock Children's Discovery Center!

The Kern County Museum will offer 10 weeks of fun & exciting day camps for children 5-7 and 8-11 years old.

Half and full day camps available.

- Science Experiments
- Cooking
- Visits to Black Gold, Pioneer Village, & Other Museum Exhibitions
- Snack & Nutrition Lessons
- Crafts & a Journal Each Week with Pictures of Camp Activities

A Summer of Science

Camp Schedule for Summer 2010 (see back for camp descriptions)

June 7-11 School's Out for Summer!

June 14-18 CSI

June 21-25 You Can Build It!

June 28-July 2 Chemistry is Cool!

July 5-9 No Camp

July 12-16 Geology Rocks! (campers 5-7) / Kitchen Science (campers 8-11)

July 19-23 Kitchen Science (campers 5-7) / Geology Rocks! (campers 8-11)

July 26-30 Physics is Phun!!

August 2-6 Superhero Science—Kapow!

August 9-13 Hmmm...That's Weird!!

August 16-20 2010: A Space Odyssey

Full day campers watch a Planet Earth video each week & learn about the science of biomes & study the people & cultures inhabiting those biomes!

1/2 Day Sessions

(Classes limited to 20 children per age group)

Monday—Friday 7:30 a.m.—1:00 p.m.

Cost: **Members**—\$90/session

Non-members—\$115/session

Full Day Sessions

(Classes limited to 20 children total)

Monday—Friday 7:30 a.m.—5:30 p.m.

Cost: **Members**—\$160/session

Non-members—\$200/session

Cost includes all materials, camp t-shirt, water and one snack per day for half day sessions and two snacks per day for full day sessions.

PLEASE NOTE: THERE IS NO CAMP THE WEEK OF JULY 5TH.

School's Out for Summer!

Everything we do this week will celebrate Summer! **Solar Science:** Harnessing the sun's energy and we'll power a toy car & robot. **Oceans and Pirates!:** After exploring the ocean and its inhabitants, we'll don our eye patches and have fun with Pirates!!

Crime Scene Investigation

Help us solve our very first crime at the Lori Brock Children's Discovery Center. We'll study forensic chemistry, extract DNA from split peas and, with the help of the

Bakersfield Police Department, get our man! Or is it a woman?

You Can Build It!

The things we'll build are truly amazing! **Robotics:** build a robotic hand! **Bridges:** What makes a bridge strong? Experiment with different types to see which are strongest. **Buildings:** What makes a building strong? We'll learn what it feels like to be a building!!

Chemistry is Cool!

This is **Water Chemistry** week!! We'll cool water below its freezing point & then crystallize it into ice on command! It's amazing!! We'll also compare the properties of soaps & detergents and their effect on the environment.

Geology Rocks!

Earth – the Water Planet. How does water affect the geology of our planet? Learn about aquifers as we make what some might call an ice-cream soda...we call them edible aquifers. We'll study volcanic pumice while making honeycomb pumice. Yes, we'll eat that too!! Of course no geology week is complete without Weird Rocks!

Kitchen Science

Once again we hit the kitchen to study science. What can we grow in the kitchen – we'll grow bacteria & make yogurt, and how many types of mold can we grow? Next, is it fake or is it real? 2 glasses of liquid, both look the same...yet another mystery!

Physics is Phun!

Just to show you how much fun physics can be, we'll take a look at the physics of sports & the physics of amusement parks! How does a baseball curve? How do roller coasters stay on their tracks? We'll learn about these things and more!

Superhero Science—Kapow!

The Incredibles! Explore the super powers of the whole family from elasticity to invisibility (yes, that's right...invisibility!!), ending the week with Miss Jackie's personal favorite. You guessed it...Jack-Jack!! Can you say levitation?

Hmmm...That's Weird!!

Optical Illusions, conductivity, & bioluminescence...not only weird but fun!! We'll learn what causes optical illusions, how liquids conduct electricity, & what causes a firefly to light up!!

2010: A Space Odyssey

Start the week experimenting with Toys in Space some of the same toys used on the space shuttle! Learn about the uses of plants in space, experiment with plants grown in a growth chamber similar to the one on the International Space Station.

**These are just a few activities for each camp. Register early—camps fill quickly.
To register or for more information, call the
Lori Brock Children's Discovery Center at 852-5050 or 852-5054.**