



727 West Main Street
Louisville, KY 40202

LouisvilleScience.org

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ThunderBlast 2012: Rock the Block!

April 21, 2:00 – 11:00 P.M.

Plan now to watch the largest annual fireworks display in North America at ThunderBlast 2012. Separated from the crowds, enjoy a front-row, riverside view of all Thunder Over Louisville festivities, plus the Science Center and all ThunderBlast activities! Individual and group tickets available. Visit LouisvilleScience.org/events for details.



The Science Center is proud to be a
Kentucky Derby Festival Thunder Funder.

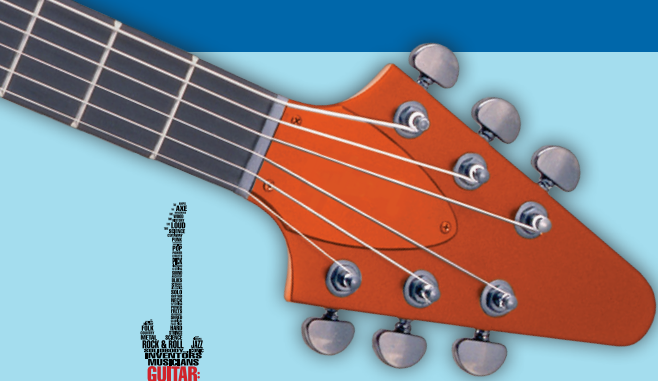
THE ULTIMATE GUITAR LESSON.

**GUITAR: THE INSTRUMENT
THAT ROCKED THE WORLD**

JANUARY 22-APRIL 22

Presented by at&t





Presented by  at&t

GUITAR: THE INSTRUMENT THAT ROCKED THE WORLD

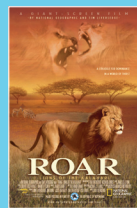
Exhibit Open January 22–April 22

Enroll in the school of rock as you experience the cultural impact of one of the world's most recognizable icons, the guitar. Investigate the unique sound of the guitar when you create vibrations, manipulate sound waves, and test decibel levels. Explore cultural changes and advances in technology, electromagnetism and amplification through the unique history and evolution of the guitar. Crowd surfing not required.

New! All Access: Front Row. Backstage. LIVE!

Go backstage to the Rock 'n' Roll event of the year in this exclusive, behind-the-scenes look at the inner workings of putting on a mega-concert. See candid moments backstage with electrifying larger-than-life musical performances by multi-Grammy Award-winning rock stars.

> Now Showing

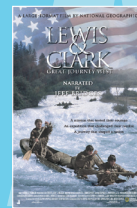


Roar: Lions of the Kalahari



Tornado Alley

Sponsored by



Lewis and Clark: Great Journey West

EVENTS AND PROGRAMS

Science Celebrations

FREE WITH PAID ADMISSION

Science Celebrations showcase the innovations going on in our region with explosive demonstrations and hands-on activities from area organizations, researchers, laboratory scientists, manufacturers, and more.

National Engineers Week — February 23–25

Sponsored by **LEXMARK**

NanoDays — March 30–April 1

National Lab Day — May 10–12



Splash! Water Table Program

FREE WITH PAID ADMISSION

Coming soon! Louisville Water Company has partnered with the Science Center to offer water-based learning around the Splash! water table.

Animal Antics > Beginning March

FREE WITH PAID ADMISSION

It's a new way to explore the Science Center with your family! Check out a kit of materials designed to help you explore animals, their unique characteristics, and habitats with adventurous activities at the Science Center. Visit the Science Center front desk for details. Kits available on a first-come, first-served basis.

Family Workshops at The Parklands



Investigate your natural surroundings in these workshops designed to connect families with little ones to the wonders of the world outside. Each workshop covers a different topic and takes place in one of Louisville's greatest natural resources, The Parklands.

Cost: \$2.00 per day members, \$3.00 per day non-members (children and adults)

Winter Night Sky

February 13, 6:30–8:30 P.M.

Pond Life

April 9–13, 9:30–11:30 A.M.

(Different topics each day, book per day)

Little Green Thumb

May 12, 9:30–11:30 A.M.

Interesting Insects Parent Workshop

at The Parklands > March 20, 9:30–11:30 A.M.

Parent workshops provide parents some simple, engaging ways to introduce their little ones to science. In this workshop just for parents, get your hands on some creatures that slither, buzz, jump and wiggle through life. See how they act, what they eat, and where they live. Plus, get ideas about how to keep your wiggle worm busy.

Cost: \$2.00 members, \$3.00 non-members (adults only)



These programs are made possible with support from PNC Grow Up Great with Science and are a partnership between the Science Center and 21st Century Parks.

SCHOOL’S OUT SCIENCE CAMPS

SPRING BREAK CAMPS MARCH 26–30 AND APRIL 9–13

Grades Pre-K–K (half-day camp, ages 4 and 5)

Move It, Move It!
Get up and get groovin’ to the music all around you. Nature has a wonderful array of tunes from animals to plants, even water. See Mother Nature rockin’ out!

Grades K–1 (full-day camp, ages 5 and 6)

Junk Yard Band
From jugs to tubs, anything can make music with the right science behind it! See what you can create and get ready for a jam session.

Grades 2–3 (full-day camp, ages 7 and 8)

LEGO Star Wars
A long time ago in a Science Center not far from you.... Become a LEGO Jedi master and build your own galactic creations to save the galaxy with science!

Grades 4–6 (full-day camp, ages 9–11)

Kentucky Unearthed
Was Louisville once underneath a mile-high glacier? Uncover all things Kentucky as you investigate our regional flora, fauna, and amazing geological formations.

SUMMER CAMPS | JUNE 4–AUGUST 10

Week 1: June 4–8	Week 6: July 9–13
Week 2: June 11–15	Week 7: July 16–20
Week 3: June 18–22	Week 8: July 23–27
Week 4: June 25–29	Week 9: July 30–August 3
Week 5: July 2–6	Week 10: August 6–August 10

Grades Pre-K–K (half-day camps, ages 4 and 5)

Let’s Build (Weeks 1 and 6)
Encourage your little builder with tubes, cubes, blocks, and more while they discover the science and math of building.

Be A Scientist (Weeks 2 and 7)
What do you want to be when you grow up? Your neighborhood is full of scientists. Spend the week learning about animal science, kitchen chemistry, and more.

Storybook Science (Weeks 3 and 8)
It’s story time with a twist! Unlock the science behind your favorite storybooks.

Sizzling Senses (Weeks 4 and 9)
Learn about our senses and how they work. Investigate why your eyes can play tricks on you and test your echolocation skills.

Amazing Animals (Weeks 5 and 10)
Foster your natural curiosity about animals. Learn what they eat and how they survive in the world around them.

Grades K-1 (full-day camps, ages 5 and 6)

Easy Being Green (Weeks 1 and 6)
Think reduce, reuse, recycle with paper making, composting and reducing your carbon footprint.

LEGO Build-Up (Weeks 2 and 7)
Try your hand at engineering using your favorite building blocks.

Toying with Science (Weeks 3 and 8)
From Slinkys to slime, tinker with the science behind your favorite toys.

Messy Science (Weeks 4 and 9)
Explosions, concoctions and glorious goo: messy science is fun!

Space Explorers (Weeks 5 and 10)
Discover constellations and supernovas, and try your hand at launching a rocket that’s out of this world.

Grades 1–2 (full-day camps, ages 6 and 7)

Motion Madness (Weeks 1 and 6)
Gravity: it’s not just a good idea, it’s the LAW! Learn about today’s movers and shakers as you study Newton’s laws of motion.

Puppetry 101 (Weeks 2 and 7)
Experiment with movement and design. Explore puppetry through body movements, shadows and simple machines.

Ahoy, Mateys! (Weeks 3 and 8) Learn how to walk, talk and sail like Captain Jack and discover the science of being a pirate!

LEGO Design Challenge (Weeks 4 and 9)
Test your building skills in this construction design challenge using your favorite LEGOs.

Yuckology (Weeks 5 and 10)
Explore the disgusting side of being human and learn to love the greatness of our grossness.

Grades 2–3 (full-day camps, ages 7 and 8)

Prehistoric Past (Weeks 1 and 6)
Dig deep to uncover ancient dinosaurs, explore fossils and create your own prehistoric beast!

Magic Tricks 101 (Weeks 2 and 7)
Now you see it, now you don’t! Uncover the secrets behind your favorite magic tricks.

Wonders of the World (Weeks 3 and 8)
From the Great Wall to the Barrier Reef, travel the globe and explore the wondrous feats of engineering and mother nature.

Space Trekkers (Weeks 4 and 9)
Explore new planets, cook up your own comet and uncover the secrets behind the phases of the moon. This camp also includes a visit to the Gheens Science Hall and Rausch Planetarium.

Colorful Concoctions (Weeks 5 and 10)
Get creative as you concoct your own works of art in this colorful chemistry camp!

Grades 3–4 (full-day camps, ages 8 and 9)

Master of Disaster (Weeks 1 and 6)
Explore the power of wind and whirlpools, and dive into the Ring of Fire. Can you survive the wild side of nature?

Dimensions of Inventions (Weeks 2 and 7)
Gadgets and gizmos galore! Discover the ideas behind today’s technology and try your hand at designing something new.

Potter’s Potions (Weeks 3 and 8)
Board the Express train to Hogwarts in this camp all about your favorite wizarding world!

Take-Aparts (Weeks 4 and 9)
Explore the world from the inside out. From electronics to frogs, dissect your favorite things and uncover their secrets.

Spy Science (Weeks 5 and 10)
Decode clues and create spy gear to help solve our top-secret LSC caper!

Grades 4–6 (full-day camps, ages 9–11)

Survival Science (Weeks 1 and 6)
It’s you versus the wild in this explorer camp! Find out if you have the guts to survive the harshest ecosystems and roughest terrain.

LEGO Mindstorm Robotics (Weeks 2, 7 and 8)
Learn about engineering, mathematics, design and problem-solving in this hands-on robotics camp.

Lab Insiders (Weeks 3 and 8)
Take a look behind the beaker as you conquer our fan-favorite labs. Learn how to track diseases, mix concoctions, and dissect a real cow eye!

Maneaters (Weeks 4 and 9)
Take a bite out of science as you explore the world’s fiercest land and water animals.

Mythbusters (Weeks 5 and 10)
Does it really take seven years for your body to digest a piece of gum? Can a penny kill a pedestrian? Find out in this myth-busting camp.

Grades 6–8 (full-day camps, ages 11–13)

Excavation Exploration (Week 4)
Get your hands dirty and uncover history. Unearth the science of archaeology with professional archaeologists at a real, off-site dig site.

Zombie Survival Guide (Week 7)
Would you survive a zombie attack? Take a bite out of Hollywood’s favorite craze as you investigate what could really happen and create your very own Zombie Survival Guide film!

COSTS

Half-Day: \$90 / week Members
\$105 / week Non-Members

Full-Day: \$175 / week Members
\$200 / week Non-Members

6th–8th Grade Camps: \$275 / week Members
\$300 / week Non-Members

Buy early and save! Purchase your Summer Camp by April 25, for these discounted prices:

Half-Day: \$75 / week Members
\$90 / week Non-Members

Full-Day: \$160 / week Members
\$175 / week Non-Members

6th-8th Grade Camps: \$250 / week Members
\$275 / week Non-Members

Choose a summer camp based on the grade camper will be entering in the fall. To register for camp, visit LouisvilleScience.org events, or call 502 561.6100, ext. 6111.

SPECIAL MEMBERSHIP OFFER — SAVE \$10!

Purchase or renew any Louisville Science Center membership between March 24 and April 15 and **save \$10!**

To purchase, call 502 560.7158 or visit LouisvilleScience.org/members and use the promotional code **MUSIC**.

Sponsors and Partners

Special Thanks to our Sponsors and Partners
Gifts received August 2–December 12, 2011

Ah, Whatta ‘Bout Mimi / AT&T Kentucky / Bramco, Inc. / Brinly-Hardy Company / Brown-Forman / Churchill Downs, Inc. / Concentric Marketing Solutions / Eco-Cell / Ed & Ted’s Excellent Adventures / FASSCO/FESCO / Frazier History Museum / GE Appliances & Lighting / Horseshoe Casino and Hotel Southern Indiana / InLine Automation Group, LLC / Jefferson County Public Schools / Jewish Hospital & St. Mary’s HealthCare / Kindred Healthcare, Inc. / LG&E and KU / Louisville Chemistry Partnership / Louisville Mega Cavern / Norton Healthcare / NTS Development Company / Pizza Hut of America Inc. / PNC Foundation / PPG Porter Paints / PPG Foundation / Republic Bank & Trust Company / Stites & Harbison / University of Louisville Healthcare / USA Image

The Louisville Science Center is open Sunday through Thursday, 9:30 A.M.–5:00 P.M. and Friday and Saturday, 9:30 A.M.–9:00 P.M.

The Science Center is closed to the public on Saturday, May 5.

Look for the Louisville Science Center on

