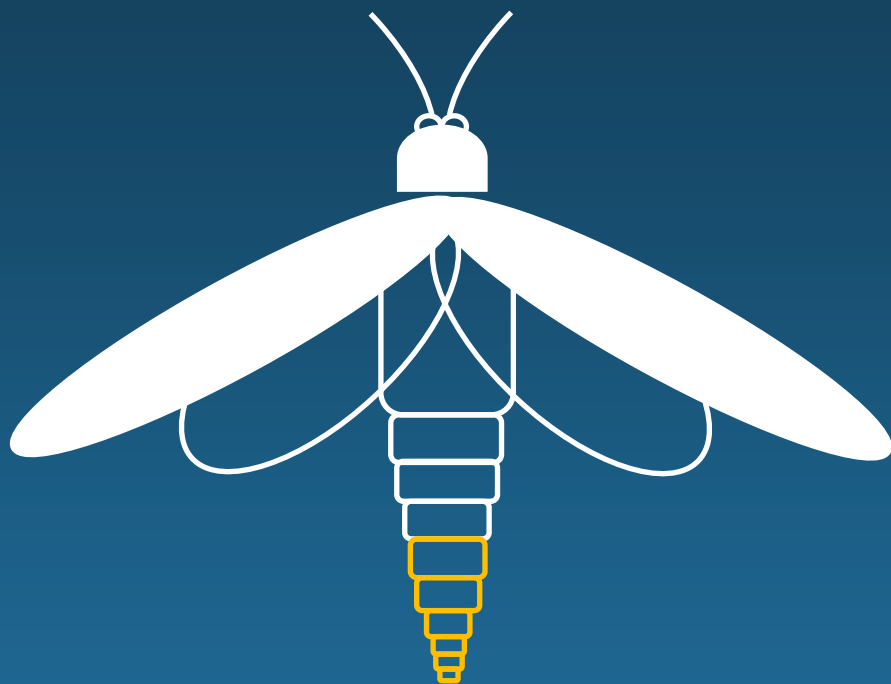


KENTUCKY

GIRLS STEM COLLABORATIVE



SUMMER 2019

STEM EVENT GUIDE

MISSION



STEM FOR ALL

KGSC has researched and curated the largest online collection of STEM programs in Kentucky.

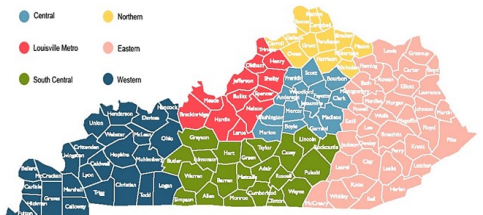
Attending one of these events is a great way for KY students and families to experience STEM outside the classroom and learn more about potential STEM careers. All of the opportunities are open to girls, most are co-ed.

NEAR & FAR

OPPORTUNITIES ARE ORGANIZED BY REGION

No matter if you live in a rural or metropolitan area, KGSC wants to connect you with the STEM programming in your area.

REGIONS



Camp ArtyFact

<https://history.ky.gov/camp-artyfact/>

Frankfort, June 10-14, June 17-21, June 24-28, July 8, 15, 22, & 29 Ages 5-12

With small classes, high-quality supplies and top-notch instructors, your child will develop critical thinking and analytical skills, learn about Kentucky's history through archaeological methods and hands on activities.



Asbury ImpactU Summer Camps

<https://www.asbury.edu/impactu>

Wilmore, June 3-7 and June 10-14, Grades 9-12

Join Asbury professors for ImpactU camps, where students get hands-on learning, using many of the latest techniques employed in ecology, biotechnology, and forensic investigations.



Aviation Camp

<https://www.aviationky.org/order/>

Lexington, June, ages 10-18+

Learn the history of aviation, investigate the principles of flight, examine aircraft and engine design, study the technology of flight, practice on a flight simulator.



Bricks 4 Kidz Summer Camps 2018

bricks4kidz.com/kentucky-lexington-georgetown/

Lexington, April 2-6, ages 5-14

Join Bricks 4 Kidz for a summer of fun and educational camps using LEGO® Bricks! Campers are welcome to sign up for morning and afternoon sessions. Campers work in rotating stations of four kids for model build, free play, mosaics, games, crafts or activities. All campers get to take home a customized mini-figure at the end of the week.



Camp Invention

<http://campinvention.org/>

Lexington, Versailles, Richmond, Harrodsburg, Richmond, June-July, Grades K-6

Led by experienced local educators and inspired by inductees of the National Inventors Hall of Fame, multiple 4-day camps are offered.



Club SciKidz

<http://www.clubscikidzkentucky.com/>

Louisville & Lexington, June-July, Grades PreK-9

Carefully researched STEM based science lessons help engage students in observation, measurement, identification of properties, and experimentation involving life, earth, and physical science concepts



CSI Camp at the Conover Center

<http://www.mercerchamber.com/events/details/csi-camp-at-the-conover-center-19763>

Harrodsburg, June 3 – 7, 2019

Annual STEM Camp at the Conover Education Center of Campbellsville University



EKU Academic Summer Camps

<https://summercamps.eku.edu/academic-camps-0>

Richmond, Various May - July, Ages 14+

EKU offers a variety of academic camps during the summer break.

Math Weekend Camp (May 17-19)

Rogers Explorers (June 5-7)

Camp InnerSpace (June 16-20)

Science and Math Camp (June 2-7)

Computer Science Camp (June 10-13 & July 17-20)



Explorium of Lexington Camps

<http://explorium.com/events/camps>

Lexington, Ages 3-11

Providing fun and dynamic hands-on learning that inspires imagination and curiosity all year long; The Explorium offers multiple, various-themed day-camps during school holidays and summer break.

Legos (May 21)

Creative Construction (June 3-7)

Under the Big Top (June 17-21)

Party in the USA (July 1-3)

The Classics (July 15-19)

Adventures in Wonderland (July 29-Aug. 2)

Blasting Through Summer (May 28-31)

Animals, Animals, Animals (June 10-14)

Science Spectacular (June 24-28)

Castles and Catapults (July 8-12)

Blast from the Past (July 22-26)

Explorium Beasts & Where to Find Them (Aug. 5-9)



Georgetown College Robots Summer Camp

<https://www.georgetowncollege.edu/summer-programs-and-camps>

Georgetown, June 24-28, Grades 4-5 & July 8-12, Grades 6

Using Lego EV3 robots, campers will create and program robots to learn about how engineers are designing robotic 'bugs' that are used for many purposes. We will also, of course, have a battle with our robotic 'bugs'!



Georgetown College PAEMS Camp

<https://www.georgetowncollege.edu/summer-programs-and-camps>

Georgetown, June 16-28, Grades 10-12

The Georgetown College Pre-college Academic Experience in Math and Science (PAEMS) is a 13-day residential program that provides academically motivated high school students with educational opportunities that are not normally available in secondary schools. PAEMS is designed primarily for students with an exceptional interest in mathematics and the natural sciences.



Hummel Planetarium Summer Camps

<https://planetarium.eku.edu/summer-camps>

Richmond, June & July, Grades 1-5

The topic of exploration and age range will vary. This program is designed to serve students in preschool through middle school and reinforce Next Generation Science Standards.

Race to Space Travel (July 9-10, Grades 1-3)

Apollo 11 Camp (July 16-17, Grades 4-

5)



Josephine Sculpture Park Night Sky Tours

<https://josephinesculpturepark.org/calendar/>

Frankfort, Various, All Ages

Explore the night sky with expert guidance from Dan Price, NASA Solar System Ambassador, outside through our large telescopes. The Night Sky Tour includes multimedia presentations in the Art Barn at 8:30pm, observation begins at 9:30pm.

Mars (May 11)

Jupiter (August 10)

Apollo 11th 50th Anniversary (July 20)

Saturn (September 14)



Kentucky Science Center Lexington Youth Science Summit

<https://kysciencecenter.org/programs/youth-science-summit/>

Lexington, June 22, Grades 6-12

The 2019 Lexington Youth Science Summit at Lexmark will bring you face-to-face with STEM professionals in various fields who are working to change the world every day. It's a full day science and technology extravaganza. Track options include Middle School, Middle School Girls in S.T.E.M., and High School.



Kentucky Science Center Travels to Woodford Co.

<http://planetarium.eku.edu>

Versailles, June 24-28, Grades 1-6

Join a robust STEAM education program for families seeking a quality out-of-school experience.

Grossology (Grades 1-2)

KABOOM! (Grades 3-4)

Busting Myths (Grades 5-6)



KSU & 4-H Ag Discovery Camp

<https://kysu.edu/academics/cafsss/cooperative-extension/4-h-youth-development>

Frankfort, June 9-22, Grades 3-5

Learn about where food comes from, meet farm animals, watch chicks hatch, and much more! Be prepared to get your hands dirty as we dig deeper into agriculture this week!



KSU & 4-H Ag Explorers Camp

<https://kysu.edu/academics/cafsss/cooperative-extension/4-h-youth-development>

Frankfort, June 10-14, Grades 3-5

A two-week, residential program targeting diverse students from limited-resource communities interested in careers in animal science and veterinary medicine.



KSU & 4-H AgriScience Youth Expo

<https://kysu.edu/academics/cafsss/cooperative-extension/4-h-youth-development>

Frankfort, July 22-26, Grades 5-8

Students will visit agricultural stations featuring interactive booths designed to combine hands-on learning in the areas of plants, animals, nutrition, STEM, environmental education, and agriculture along with Kentucky Academic Standards of Learning for middle school students.



KSU & 4-H Environmental Science Camp

<https://kysu.edu/academics/cafsss/cooperative-extension/4-h-youth-development>

Frankfort, June 24-28, Grades 8-12

A two-week, residential program targeting diverse students from limited-resource communities interested in careers in animal science and veterinary medicine.



KSU & 4-H Summer Apprenticeship Program

<https://kysu.edu/academics/cafsss/cooperative-extension/4-h-youth-development>

Frankfort, Summer 2019, Grades 10-12

This program is modeled to introduce students (Grades 10-12) to the fields of STEM integrated into topics in agricultural sciences, environmental monitoring, and open source technology.



Lexington Public Libraries STEAM Events

<https://www.lexpublib.org/events>

Lexington, Various NOW-July, All Ages

LPL brings STEAM to life in their various programs from on-going K-5 Explorers Club to various one-day workshops on construction, coding, robots from community partners like Bricks4Kidz, Newton's Attic, and the Kentucky Science Center.



Limitless Leaders' Girls Who Code: Leadership Conference for Girls

<https://www.facebook.com/limitlessleaders/>

Lexington, Aug. 10, ages 9-18

All girls are welcome to join us and explore their interests in coding, technology, and graphic design! Each year Limitless Leaders hosts a conference focused on leadership for girls covering various topics. This year we are partnering with Transylvania University and focusing on Coding! This is an opportunity for girls to get up front and hands on experience from local women in the technology field.



Living Arts & Science Center Summer Camps

<http://lasclcx.org/>

Lexington, Various, Grades PreK-12

Watch creativity grow with 10 week-long summer camps for kids pre-school to high-school. Lego robots in the morning and cooking from the garden in the afternoon! Students have the opportunity to immerse themselves in an amazing variety of classes with full day and half day schedules available and AM and PM extended hours for your convenience.



Newton's Attic Dark Planet Engineering Adventure

<https://darkplanet.info/ascend-landing-page/>

Lexington, June 24-28, July 15-19, & July 29-Aug. 2, Grades 6-12)

Dark Planet is a unique engineering and survival experience. Each mission is different and your answers will help us form teams that have a variety of experience and skills.



Newton's Attic Summer Camps

<http://newtonsattic.org/programs/camp/#>

Lexington & Georgetown, May 28—Aug. 16, Grades 1-12

*Learn. Build. Play. Half and full day hands-on STEM camps in a unique makerspace. Work with trained and passionate professionals, and dive in to STEM at Newton's Attic. This summer Newton's Attic is offering 12 week-long camp sessions in Lexington and 3 in Georgetown. Explore space, engineering, chemistry and more on your schedule. Morning and afternoon workshops available to combine to build day-long camps. Girls only camp: **Camp Katniss: Bow Deign, Build and Archery** (Grades 5-8) will explore engineering design and tools use and even incorporate a little math and physics while she constructs her bow.*



Paul Sawyer Public Libraries STEAM Events

<https://pspl.org>

Frankfort, Various, All Ages

Paul Sawyer Public Library hosts monthly STEAM programs and special events from their education staff, Kentucky State University, and KY Science Center.

Rubber Band Planets (July 1, Grades 3-5)

Galactic Science (July 3, grade 1-2)

STEAM Universe: Comets, Craters & Asteroids (July 8, Grades 3-5)



Raven's Run Junior Naturalist Program & Camps

<https://ravenrun.org/events>

Lexington, Monthly, Grades K-5

Raven Run Park is a 734-acre nature sanctuary near the Kentucky River Palisades.

Creatures of the Night (June 15 & July 6)

Little Explorers (Fourth Saturday, May-Dec.)

Perseids Meteor Shower Watch (August 3)

Stargazing (June 1, July 27, Sept. 28, Oct. 26)

Butterflies of Raven Run (Sept. 7)



See Blue Robotics Camp

<https://education.uky.edu/stem/camp/>

Lexington, June 4-8, Grades 5-8

The LEGO Robotics Camp will provide enhanced instruction in building and programming robots. Students will use sensors and coding to complete challenges and compete against their peers.



See Blue STEM Camp

<https://education.uky.edu/stem/camp/>

Lexington, June 11 – 15 or June 18 – 22, Grades 2-8

See Blue STEM Camp at the University of Kentucky is designed to help students explore and integrate the STEM disciplines through authentic hands-on projects and real world applications.



STEM You Can! Summer Camps

<http://www.science-interactive.org/>

Lexington, July, Grades 3-5

Free STEM day-camp for girls. Members of the KGSC Teen Board will instruct elementary students in a specific STEM-topic each day, helping them apply their knowledge by conducting hands on experiments.



Statistics Facts & Snacks: Summer Workshop

[.ccts.uky.edu/about-ccts/cores/biostatistics-epidemiology-research-design-berd/statistics-facts-snacks-summer](http://ccts.uky.edu/about-ccts/cores/biostatistics-epidemiology-research-design-berd/statistics-facts-snacks-summer)

Lexington, June 5-7, Grades 9-12

Participants will work with UK experts to discuss what a statistician does, explore requirements to pursue higher education in statistics, and learn introductory statistical programming techniques.



WiE Explore: Women in Engineering Sumer Camp 2019

<https://www.engr.uky.edu/events/06-16-2019/wie-explore-women-engineering-summer-camp>

Lexington, June 16-22, Grades 9-12

A six-day, residential summer camp designed to provide an opportunity to female students to explore all nine UK Engineering majors. Young women entering any high school grade (9-12) in fall 2019 are eligible to register.



Week of Code Summer Camp at Awesome Inc. U

<https://www.awesomeincu.com/weekofcode/>

Lexington, June-August 2019, Grades ages 11-16

Offered four times this summer, Week of Code Camp introduces the fundamentals of coding. Students will create websites, hardware projects, and video games all while having fun with Awesome Inc. U's energetic team.



Woodford County Library Science Tellers

<http://www.woodfordcountylibrary.com/event/8025>

(**Versailles**), Various, All Ages

Aliens Escape (Northside Branch, June 20, All Ages)

Mr. Molecule's Space Show (Southside Elementary, June 13, All Ages)



Youth Science Summit Lexington

<http://kysciencecenter.org/programs/youth-science-summit/>

Lexington, June 23, Grades 6-12

The Lexmark Youth Science Summit is the premiere college prep event of the summer! Featuring the always popular Reverse Science Fair and hands-on lab sessions for Middle Schoolers. Track options unique to this site, include Middle School, Middle School Girls in S.T.E.M., and High School.



**For more summer STEM opportunities visit
WWW.THECONNECTORY.ORG**

Aviation Camp

<https://www.aviationky.org/order/>

Louisville, TBD, ages 10-18+

Learn the history of aviation, investigate the principles of flight, examine aircraft and engine design, study the technology of flight, practice on a flight simulator.



Bellarmine University

<https://www.bellarmine.edu/ce/summeryouthcamps/>

Louisville, June & July 2019, ages 10-16

Summer 2019 Youth Camps on the campus of Bellarmine University offer various week-long camps in a variety of STEM interests including: Programming, Mathematics, Forensic Science, & Computer Arts . Registration opens April 1st.



Bricks 4 Kidz Classes

bricks4kidz.com/

Louisville, Various, Grades K-6

Join Bricks 4 Kidz for fun and educational camps using LEGO® Bricks! Campers will work in rotating stations of four kids for model build, free play, mosaics, games, crafts or activities. All campers get to take home a customized mini-figure at the end of the week.



Brown-Forman INSPIRE Camp

<https://louisville.edu/speed/inspire/brown-forman-inspire-summer-enrichment-program>

Louisville, June 2019, Grades 9-12

Brown-Forman's Increasing Student Preparedness and Interest in the Requisites for Engineering (INSPIRE) is a summer enrichment program designed to provide an introduction to engineering to students historically under-represented in the engineering field. In addition to introductions to various aspects of technology and fields of engineering, INSPIRE assists the students in identifying career interests and personality profiles.



Camp Cardiac

<http://www.campcardiac.org/louisville.html>

Louisville, June 2019, ages 15-18

Explore careers in healthcare with the UofL School of Medicine Camp Cardiac offering a variety of workshops, lectures and panels.



Camp Invention

<http://campinvention.org/>

Crestwood, Anchorage, Louisville, Radcliff, Goshen, Leitchfield, Elizabethtown, June-July, Grades K-6

Led by experienced local educators and inspired by inductees of the National Inventors Hall of Fame, multiple 4-day camps are offered.



Camp Neuro

<http://www.campneuro.org/description.html>

Louisville, July, ages 15+

Camp Neuro provides students with a unique opportunity to learn directly from experts in the medical and psychological fields.



Camp Walden School

<https://www.campwaldenschool.com/>

Louisville, Various June—July, Grades K-8

Camp Walden provides the total package in an exciting, seven-week experience packed with programs ranging from Science, Art, Video Game Design, Chess, STEM camps, Space Camp, and more.

Chess (June 10-14, Grades 2-8)

Edible Math and Science (June 3-7, Grades K-8)

STEM for Girls (June 24-28, Grades 5-8)

Video Game Design (June 17-21, Grades 4-8)

Coding (June 3-7, Grades 5-8)

Science (June 3-28, Grades K-8)

Space Camp (June 17-21, Grades K-5)

Future Cities (July 8-12, Grades K-8)



Club SciKidz

<http://www.clubscikidzkentucky.com/>

Louisville & Lexington, TBD, Grades PreK-9

Carefully researched STEM based science lessons help engage students in observation, measurement, identification of properties, and experimentation involving life, earth, and physical science concepts.



Cosmic Explorers Workshops

<http://louisville.edu/planetarium/kids/cosmic-explorer-workshops>

Louisville, Coming Soon, ages 4-6

Cosmic Explorer Workshops at the University of Louisville's Gheens Science Hall & Rauch Planetarium where kids and their parents) have cosmic-sized fun with hands-on, engaging activities.



Gheens Science Hall & Rauch Planetarium Summer Camps

<http://louisville.edu/planetarium/kids/summercamps>

Louisville, Various, Grades 2-9

The planetarium offers rich, engaging, summer camps that spark a life-long love of science. Activities are designed to help kids learn to work cooperatively as well as individually while building inquiry and problem solving skills.

Space Adventure Camp (June 124-28, Grades 2-4)

Space Exploration Camp (June 10-147 or July 29-Aug. 2, Grades 5-6)

Space Engineering Camp (June 17-21, Grades 7-9)



iD Tech Camps - UofL – Shelby Campus

<https://www.idtech.com/locations/kentucky-summer-camps/louisville/id-tech-university-of-louisville/>

Louisville, June-July, ages 7-17

Choose from multiple week-long tech camps that focus on cyber security, coding, design, and 3-D printing.



J.B. Speed School of Engineering Summer Camps

<https://louisville.edu/speed/outreach>

Louisville, June - July, Grades 3-12

The J.B. Speed School of Engineering supports a number of outreach programs aimed at promoting engineering as a profession.

3D Printing (July 22-26, Grades 6-8)

Advanced Coding Camp (June 24-18, Grades 6-8)

App Development (July 8-12, Grades 3-5 & July 15-19, Grades 6-8)

Basic Coding (June 10-14, Grades 5-6 & June 17-21, Grades 7-8)

Drones for Middle School (July 8-12 & July 15-19, Grades 6-8)

LEGO EV-3 Robotics (July 22-26, Grades 3-5 & June 10-14, Grades 6-8)



KCD Summer Stretch

<https://www.kcd.org/Page/Programs/Summer-Stretch>

Louisville, June-August, Grades PreK-12

Kentucky Country Day School's Summer Stretch program includes dozens of courses covering academics, enrichment and the arts., featuring 9 week-long camps.



Kentucky Science Center Summer Camps

<https://kysciencecenter.org/spring-winter-camp/>

Louisville, June 3-Aug. 9, Grades PreK-8

Develop skills and make friendships that will last a lifetime. KSC Summer camps encourages all campers to play, tinker, and investigate the world around them with plenty of time to explore their favorite science center. Launch a lifetime of S.T.E.A.M. learning while having a blast. Themes like LEGO robotics, animation, wizardry and roller coasters make science accessible with hands-on activities.



Kentucky Science Center Travels to Bullitt Co.

<https://kysciencecenter.org/science-travels-to-you/schools-out-science-camps>

Louisville, June 10-13, Grades 1-6

Join a robust STEAM education program for families seeking a quality out-of-school experience.

Aviation Academy (Grades 1-2)

Engineering Extremes (Grades 3-4)

Amusement Park Physics (Grades 5-6)



Louisville Maker Faire

<https://louisville.makerfaire.com/>

Louisville, Oct. 2019, All Ages

A family-friendly festival of invention, creativity and resourcefulness, and a celebration of the Maker movement.



Louisville Free Public Libraries STEAM Events

<http://www.lfpl.org/events.htm>

Louisville, Various NOW-July, All Ages

LFPL brings STEAM to life in their various programs from on-going Maker Mondays to STEM workshops on robotics, coding, 3D printing and more.

Girls STEAM Club (Fern Creek Branch, May 20)

STEAM Story Time (Highlands/Shelby Park Branch, May 29)



Louisville Zoo Summer Camps

<https://louisvillezoo.org/education/public/>

Louisville, Various June—Aug., Grades PreK-6

All camps include zoo walks, animal presentations, attraction rides, and up close encounters with Zoo ambassadors. Choose an option based on your child's grade level.



Sacred Heart Summer Camps

<https://www.shslou.org/apps/pages/summer-programs>

Louisville, Various June—July, Grades 4-9

Sacred Heart summer camps preserved the fun of summer camp but elevated the experience - there's nothing retro about this year's lineup of activities, with more to offer than ever, including: STEM, coding, entrepreneurship, and more.



St Francis School Summer Camps

<https://StFrancisSchool.org>

Louisville, Various May—July, Grades PreK-8

Camp Curious (June 3– July 12, Ages 2-5)

Themes include Treasure Hunters, Science Experiments, and Puddle Jumpers

Camp Curious (May 28-July 25, Grades K-8)

Specialty camps include Camp Invention®, Bricks 4 Kidz®, & STEM.



STEM You Can! Summer Camps

<http://www.science-interactive.org/copy-of-ky-louisville>

Louisville, June & August, Grades 3-5

Free STEM day-camp for girls. High School students will instruct elementary students in a specific STEM-topic each day, helping them apply their knowledge by conducting hands on experiments.



STEAMPunks Summer Camp

<https://www.steampunksedu.com/steampunksedky>

Louisville, TBD, Grades K-6

Maker projects on circuitry, video game design, stop motion animation, robotics, film, coding, and more. Coming soon: descriptions of 2019 camps.



Sullivan University Summer Camp

<http://pages.sullivan.edu/pharmcamp/>

Louisville, July & July, Grades 10-12

With so many disciplines to choose from, Sullivan University has a camp that's perfect for you!

Cyber Security Camp (June 9-14)

Med Camp (June 9-14)

VEX Robotics Camp (June 9-14)

Web Development Camp (June 9-14)

Pharmacy Camp (July 22-26)



Summer Camps at Rauch Planetarium

<http://louisville.edu/planetarium/kids/summercamps>

Louisville, June –August, Grades 2-9

The planetarium offers rich, engaging, summer camps that spark a life-long love of science. Activities are designed to help kids learn to work cooperatively as well as individually while building inquiry and problem solving skills.

Space Adventure Camp (June 24-28 & July 15-19, Grades K-4)

Space Exploration Camp (June 10-14 & July 29—Aug. 2, Grades 5-6)

Space Engineering Camp (June 17-21, Grades 7-9)



The Parklands of Floyds Fork Summer Camps

<https://www.theparklands.org/Events>

Louisville, Various June—Aug., Grades K-6

Campers spend their days participating in engaging, discovery-based field experiences and science investigations in The Parklands Outdoor STEAM Classroom.



Youth Science Summit Louisville

<https://kysciencecenter.org/programs/youth-science-summit/>

Louisville, July 10, Grades 6-12

The Louisville Youth Science Summit is the premiere college prep event of the summer! Featuring the always popular Reverse Science Fair and hands-on lab sessions for Middle School and High School students.



Boone County Public Library STEAM Club

<https://boone.libnet.info/events>
Florence, June 13, Grades 3-5

Explore science, technology, engineering, art, and math with our new maker kits.



Camp Innovation Academy Programs

<https://inside.nku.edu/coehs/centers/gifted/youth.html>
Highland Heights, Saturdays: Various, Grades K-9

One-day programs designed for students in Grades 2-9. Each Academy focuses on in-depth exploration of a specific topic.

STEAM Academy (June 10, Grades 4-6)
Pathways to College (June 10-14, Grades K-9)

HS STEM Day (Oct. 26)



Camp Invention

<http://campinvention.org/>
Union, Covington, Florence, Independence, June-July, Grades K-6

Led by experienced local educators and inspired by inductees of the National Inventors Hall of Fame, multiple 4-day camps are offered.



Campbell County Public Library Full STEAM Ahead

<https://www.cc-pl.org/events>
Carrico/Fort Thomas Branch, June 3, 10 & 24, July 1 & 8, All Ages

Look at the world around us with microscopes, robots, telescopes and other science tools. Our explorations will expand your child's understanding of living things large and small., near and far.



Career Exploration Initiative at Newport Aquarium

wavefoundation.org/education/cei-career-exploration-initiative
Newport, various December-January, Grades 6+

Get a sneak peek behind the scenes at the STEM at work every day in Newport Aquarium.

Aquanaut Discovery (May 21)
Expedition: Aqaurist (June 16)

Junior Explorers (May 24, June 1)



Cincy Museum Summer Camps at Villa Madonna Academy

<https://www.cincymuseum.org/museum-camps/summer/>
Villa Hills, Various, Grades K-7

LEGO Maker Builder (June 24-28, Grades K-2)
LEGO Engineering (June 24-28, Grades 3-6)

Jr. Jedi (June 17-21, Grades K-2)
Star Wars (June 17-21, Grades 3-7)



CINSAM Academies

inside.nku.edu/artsci/centers/cinsam/p12students/summercamps.html

Highland Heights, June 11 – July 13, Grades 9-12

Working together with three NKU Colleges, CINSAM Summer Academies are designed specifically for High-School students looking to deepen their content knowledge, prepare for future classes.



CINSAM Summer Camps

inside.nku.edu/artsci/centers/cinsam/p12students/summercamps.html

Highland Heights, June 16 – July 29, Grades K-8

Every summer, CINSAM hosts a variety of camps for students from 3rd -12th grade. Our summer camps are hosted by NKU faculty and staff on topics in science, technology, engineering, and mathematics. Scholarships are available for low income students.



Kenton County Public Library STEM Programming

<http://kentonlibrary.evanced.info/signup/calendar>

Erlanger, Various, Grades K-9

Explore science, technology, engineering, art, and math with our friendly staff.

STEM Wars (May 21 & Aug. 20, Grades 1-8)

Memorial Day in the Maker Space (May 25, All Ages)

Makerspace Mondays (Mondays, Grades 1-8)

SMART Program (Fridays May—July, Ages 3-6)

A Tour of the Solar System with Cincinnati Observatory (June 22, All Ages)

Cincinnati Museum Center Presents: Digging for Dinosaurs (June 27, Grades 1-8)

Cincinnati Museum Center Presents: Forensics: Science of Crime (July 11, Grades 1-8)

Cincinnati Museum Center Presents: Incredible Insects (July 25, Grades 1-8)

Small Step/Giant Leap! 50th Anniversary of the Apollo 11 Lunar Landing (July 20, All Ages)



NKU Camp Innovation: Pathways to College Program

<https://inside.nku.edu/coehs/centers/gifted/youth.html>

Highland Heights, June 3-7, Grades 2-9

An innovative program designed for high potential and gifted youth to discover and explore advanced content and engaged learning.



NKU High School STEM+H Day

<https://inside.nku.edu/artsci/centers/cinsam/p12students/HSSTEMDay.html>

Highland Heights, Oct. 25, Grades 9-12

Visit NKU's campus to take part in hands-on STEM+H demonstrations, team-building challenges, and unique opportunities learning directly from industry professionals, college professors, and local STEM leaders. In order to accommodate as many students as possible, CINSAM utilizes a rotation schedule throughout the region.



NKY MakerSpace Summer Camps

<http://www.nkymakerspace.com/summer.html>

Florence, June 22, Grades K-5

NKY Makerspace brings interactive and collaborative STEM programming to students.

Camp i.imagine (June 3-7)

Rockin' Robots (June 17-21, ages 10-14)

PiBiotics Summer of STEM Day (June 22, Grades 6-8))

Make & Design Camp (June 24-28, ages 8-14)



Science Saturday with The Explorium

<https://www.cc-pl.org/events/science-saturday-with-the-explorium>

Carrico/Fort Thomas Branch, June 22, All Ages

Guests from the Explorium of Lexington will be here to expand your view of the world around you by exploring microscopic life.



STEM Girls Day Out Courses

<https://www.cincymuseum.org/stem-girls/>

Cincinnati, Various May-July, Ages 7-14

STEM Girls Day Out is a program that brings STEM Girls participants directly to the labs, facilities, and offices of women who are actively working in STEM fields. We will have an inside look at how STEM jobs are being done all around the tri-state region! Prepare to spend an afternoon exploring active STEM work sites, participating in STEM activities, discussing STEM careers and making new friends along the way. This extremely popular event is selling out fast!



STEM Girls University Courses

<https://www.cincymuseum.org/stem-girls/>

Cincinnati, Various June-July, Ages 7-14

Discover authentic and relevant STEM experiences in our free program aimed at girls ages 7-14. All participants are welcome! Interact with community mentors actively working in STEM-related fields by completing a variety of fun and unique activities.

Knowledgeable Nutrition (June 10)

Science of Photography (July 20)



TSI Summer STEM Institute

http://www.thomasmore.edu/fieldstation/summer_camp.cfm

California, KY, July 14-19, Entering Grades 10-12

A unique opportunity for students to interact with college students and professors, while spending the week learning STEM and conducting research at Thomas More Field Station.



WAVE Foundation's Summer Break Camps

<https://wavefoundation.org/conservation/conservation-initiatives/seafood-watch/schools-out/>

Newport & California, KY, Various, Grades K-8

Camp WAVE is the only camp around where campers have the chance to meet sharks, penguins, and stingrays up close while exploring the aquatic wonders around us. From uncovering creatures of Cincinnati's ancient seas to learning about international efforts to conserve endangered species.

Cincinnati Under the Sea (June 3-7)

Shark Week (June 17-21)

Splash & Bubbles Day (July 1-3)

Shark Week 2 (July 22-26)

Aquatic Avengers (Aug. 5-9)

Cincinnati Cruise (June 10-14)

River Monsters (June 24-28)

Career Exploration (July 8-12, Grades 5-8)

Animal All Stars (July 29—Aug. 2)



Young Women LEAD Conference

<https://inside.nku.edu/coehs/centers/gifted/youth.html>

Highland Heights, Oct. 31 & Nov. 1, Grades 9-12

Featuring nationally recognized women who share their own insights on real life issues and how to overcome them to achieve successful and meaningful careers. The conference also provides an opportunity for the teens to connect to and learn from local female business leaders. .



FOR MORE STEM OPPORTUNITIES NEAR NKY VISIT

WWW.THECONNECTORY.ORG

BLOSSOMSCHOLASTIC.ORG/CAMPS/

THEGASKINSFOUNDATION.ORG/

CINCYMUSEUM.ORG/PROGRAMS/MUSEUM-CAMP

GREATERCINCYSTEM.ORG/

Aviation Camp

<https://www.aviationky.org/order/>
Pikeville & Hazard, TBD, ages 10-18+

Learn the history of aviation, investigate the principles of flight, examine aircraft and engine design, study the technology of flight, practice on a flight simulator.



Boyd County Library Family Lego Nights

<http://thebookplace.org/events/>
Kyova, July 8 & Aug. 12-13, Sept. 10 & Oct. 8, All Ages

Build, create and destroy themed Lego creations with the entire family.



Camp Invention

<http://campinvention.org/>
Hazard, Pikeville, June-July, Grades K-6

Led by experienced local educators and inspired by inductees of the National Inventors Hall of Fame, multiple 4-day camps are offered.



Challenger Learning Center of KY Summer Programming

<https://www.clcky.com/services/>
Hazard, Various, Ages 5-16

Every summer the CLCKY turns up the heat with fun STEAM camps and activities designed to keep kids excited about learning all summer long.

- MIT & Harvard Workshops (June 10-11, ages 12-18)
- Short Circuits (June 13, ages 9-14)
- Emergency Camp (TBD, ages 10-14)
- Astronaut For a Day (June 3 & July 11, ages 5-10)
- Mars Invasion Day (June 24, ages 7-12)
- LEGO Battlebots (June 17, ages 10-14)
- Rockets and Planes! (June 12 & July 2, ages 8-13)
- Run Through the Jungle (June 26, Ages 6-12)
- Gaming with Tynker (June 19, ages 8-10)
- Gaming with Scratch (June 27, ages 9-12)
- Bug in the Program! (June 25, ages 7-10)
- Wild in your Backyard (July 1, ages 5-9)
- Lego Creations (June 4 & July 10, ages 6-10)
- Legos in motion (June 18, ages 7-10)
- Blitz of Bubbles (June 4 & July 9, ages 5-8)
- Spytech Jr (June 20 & July 17, ages 5-8)



For more summer STEM Opportunities in EKY & WV Visit
WWW.THECONNECTORY.ORG
SSAWV.COM
WV.STEMRC.COM

Dream Discovery Center Summer Camps

<https://www.facebook.com/dreamdiscoverycenter/>

(**nez**, Various, All Ages)

The Dream Discovery Center is a STEAM Makerspace located in the heart of rural Appalachia. We are dedicated to promoting new experiences and opportunities through science, technology, engineering, art, and math.

Wacky World of Science (June 10-14, Grades 5+)

Brains & Beauty GIRLS (June 17-21, ages 7-12)

Kids 4 Coding (June 14-16)

Forensic Academy (July 8-12)

To Infinity and Beyond (July 15-17, Grades 5-8)

Rockin' Robotics (July 22-26, ages 6-12)



Light It Up Summer Camp

<https://www.moreheadstate.edu/Academics/Craft-Academy/Summer-Programs-and-Camps/Light-It-Up>

Morehead, June 25-28, Grades 8-10

4 day engineering camp that offers participants an engaging hands-on project that develops aerospace engineering skills in mechanical design and electronics. Participants will work with a variety of tools including a drill press and soldering iron to design and build an LED sign that represents a idea or concept related to a cause.



Rowan County Library STEAM Programs

<http://rowan.boundless.ly/programming/>

Morehead, Various, Grades K-8

The Library offers a variety of weekly and monthly programs and events

Summer Science for Kids (July 5, ages 3-10)

Minecraft Club (Every other Wednesday)

Girls Who Code (Second Saturdays Aug.—Dec., Grades 3-5)



SpaceTrek

<http://www.spacetrekkyy.org/camp>

Morehead, July 12-20, 2019, Grades 10-12

A space science camp for girls offered at MSU's state-of-the-art Space Science Center housing a Satellite Development Laboratory, Space Tracking Antennas, Electronic Laboratories and a digital Star Theater for planetarium and LASER shows under the guidance of highly-qualified STEM educators, leading researchers and aerospace engineers.



Summer Camps at East Kentucky Science Center

https://big sandy.kctcs.edu/community/eksc/summer_camp.aspx

Prestonsburg, July 12-20, 2019, Grades 2-8

Big Sandy Community and Technical College's (BSCTC) East Kentucky Science Center and Varia Planetarium (EKSC) located on the Prestonsburg campus has announced an exciting list of summer camps beginning in June. Registration is required and lunch will be provided.



Camp Invention

<http://campinvention.org/>

Paducah, Owensboro, June-July, Grades K-6

Led by experienced local educators and inspired by inductees of the National Inventors Hall of Fame, multiple 4-day camps filled with hand-on activities are offered



Challenger Learning Center

<http://clcpaducah.org/>

Paducah, June-July, Grades K-10

With over a dozen classes from the esteemed Challenger Learning Center in Paducah, there is something for every space-curious explorer. Get hands on with rockets, high powered magnets, chemistry and engineering with professional staff from the Challenger Center.



Christian Co. Public Schools STEM Camp

<http://hopkinsvillehigh.christian.kyschools.us/>

Hopkinsville, June 10-13, Grades 3-8

Camps for Elementary students include Style Engineers, Digital Gaming, and Acceleration Station. Middle school students will be introduced to hands on computing, the internet of things, and Minecraft.



Hooked on Science Camps

<https://www.murraystate.edu/academics/care/Noncredit/summercamps/hos.aspx>

Murray, Madisonville, Paducah, Hopkinsville, July 2019, Grades K-5

At these 2 day camps, your child will explore some of Mr. Science's most popular, mind-blowing experiments. Campers will engineer a marble run, build a robot, create squishy circuits, and more!



Kentucky Science Center Travels to Daviess Co.

<https://kysciencecenter.org/science-travels-to-you/schools-out-science-camps>

Owensboro, July 22-26, Grades 1-6

Join a robust STEAM education program for families seeking a quality out-of-school experience.

Lego Imagineers (Grades 1-2)

Masters of Disasters (Grades 3-4)

Amusement Park Physics (Grades 5-6)



Kentucky Science Center Travels to Henderson Co.

<https://kysciencecenter.org/science-travels-to-you/schools-out-science-camps/#WoodfordCounty>

Henderson, June 24-28 & July 15-19, Grades 1-6

Join a robust STEAM education program for families seeking a quality out-of-school experience.

June 24-28

In a Galaxy Far Far Away

Chemartistry

Amusement Park Physics

July 15-19

Grossology

KABOOM!

Busting Myths

(Grades 1-2)

(Grades 3-4)

(Grades 5-6)



Murray State Computer Summer Camp

<http://www.murraystate.edu/academics/CollegesDepartments/CollegeOfBusiness/Programs/CSIS/summercamp.aspx>

Murray, June 24-26, Grades 6+

Learn common programming and AI concepts by creating simple games. Take apart a computer and put it back together, build and program robots to solve a problem, create computer graphics and 3D animations, and build a simple web page with the Murray State CSIS department.



Murray State Cyber Cave Experience

<https://www.murraystate.edu/academics/CollegesDepartments/CollegeOfScienceEngineeringandTechnology/CollegeOfSciencePrograms/instituteOfEngineering/Programs/tsm/>

Murray, June TBD Grades 6+

The Cyber Experience is a FREE summer day-camp that caters to middle and high school students in the Paducah area seeking to learn more about technology. Students will be introduced to a wide variety of technology, including internet security, careers in technology and computer ethics. The students will also be participating in building and launching a Cricket Satellite with a large helium balloon.



Murray State Robotics and Minecraft Camps

murraystate.edu/academics/CollegesDepartments/CollegeOfEducationandHumanServices/CommunityPrograms/roboticscamps/index.aspx

Murray, June 17-21 & June 24-28, Grades 2-9

Murray State University's College of Education and Human Services has been offering week-long robotics day camps since 1998! Campers may select from sessions featuring LEGO® WeDo, LEGO® WeDo 2.0, LEGO® MINDSTORMS® NXT, and LEGO® MINDSTORMS® EV3 robots.



Summer Tech Camps

<http://ea-techcamps.weebly.com/>

Owensboro, July 17-21, Grades 4-8

New and exciting activities await you this summer. Though at first glance it may appear to be all fun and games, this summertime camp experience prepares students for high school STEM classes.



Sylvan Learning Summer STEM Camps

<https://cities.sylvanlearning.com/us/kentucky/summer-camps-in-paducah>

Paducah, July , Grades 1-8

Whether it's a course in coding, robotics or engineering, or a primer in writing or algebra, we're pleased to offer a varied selection of camps for students of All Ages — kids adore them! We also offer convenient scheduling options, so you can choose the time that suits your family's summer schedule best



TLC Madisonville Summer Camp

<http://tlcmadisonville.com/summer-camp/>

Madisonville, July , Grades 1-6

The Learning Center offers many exciting camps during the summer months. Students can learn about robotics using the Lego Mind-Storm Program, attend a camp on STEM (Science, Technology, Engineering, Mathematics), Hands-on-Science, Art class, and Cultural Studies. These camps are fun and exciting opportunities to learn, meet other students, and enjoy a great time to break up the summer months.



Aviation Camp

<https://www.aviationky.org/order/>

Blowing Green, July 10 & 11, ages 10+

Learn the history of aviation, investigate the principles of flight, examine aircraft and engine design, study the technology of flight, practice on a flight simulator.



Bowling Green Science Café

<http://skyscifest.com/sciencecafe/>

Bowling Green, last Monday of every month, All Ages

Join fellow science-enthusiasts for a casual evening where it is OK to ask questions and explore stem topics while having a good time.



Camp Explore

wku.edu/gifted/camp_explore/index.php

Bowling Green, June 3-7, Grades 1-3

Students will explore a wide range of subjects from math and science to art and theater. The minds on, hands on activities can include such projects as building anemometers, creating origami, reading and writing about about innovators, and doing geometric puzzles.



Camp Innovate

wku.edu/gifted/camp_innovate/index.php

Bowling Green, July 8-12, Grades 4-5

Hands-on and minds-on instruction to engage children in learning at advanced levels. Throughout the week, teachers experienced in gifted education guide the students in learning that is differentiated for their particular needs and advanced levels.



Kentucky Science Center Travels to Warren Co.

<https://kysciencecenter.org/science-travels-to-you/schools-out-science-camps/#WoodfordCounty>

Bowling Green, June 17-21, Grades 1-6

Join a robust STEAM education program for families seeking a quality out-of-school experience.

Lego Imaginers (Grades 1-2)

Masters of Disasters (Grades 3-4)

Animation Creation (Grades 5-6)



Lincoln County Public Library STEM Programs

<http://www.lcplinfo.org/calendar-2/>

Stanford, Various

Girls Who Code (March 19, April 23., May 7, Grades 3-5)

Explorations Station (June 11, July 9, Ages 6+)

Gizmos & Gadgets Lab (May-Aug., All Ages)

Star Party: 50th Anniversary Lunar Landing (July 20, All Ages)

Tinker Tuesday(June –Aug., All Ages)



Lost River Cave Junior Naturalist Program

<https://lostrivercave.org/upcoming-events/>

Bowling Green, March-Oct., Ages 6-12)

The Junior Naturalist Program is an outdoor adventure every child deserves. Every program is a journey of exploration and discovery that will forge a life-long bond with the natural world. Sign up for all year or for individual programs.



Lost River Cave 2019 Karst STEM Camp

<https://lostrivercave.org/upcoming-events/>

Bowling Green, Saturdays September-October, Grades 9-12)

Twelve high school students interested in engineering and sciences will be selected for a five-day camp during which they will learn about preventing engineering hazards. Biologic and geophysical investigation data and water quality measurements collected will help students strategize Foundation Designs and Contamination Prevention Methods for a building scenario indicative of our Cave and Karst landscape.



Planes, Trains, and Automobiles Camp

<https://www.corvettemuseum.org/explore/educational-programs/>

Bowling Green, June 17-21, Grades 2-5

The National Corvette Museum, Historic RailPark, and the Aviation Heritage Park have teamed up to create a unique week long summer camp titled, "Planes, Trains, and Automobiles".



SCATS

wku.edu/gifted/scats

Bowling Green, June 9-21, Grades 6-8

*This 2-week summer camp hosted by WKU for academically talented middle school students offers nearly 30 courses for campers to choose from. **REQUEST AN APPLICATION TODAY.***



VAMPY

<https://www.wku.edu/gifted/vampy/index.php>

Bowling Green, June 23-July 13, 2019, Grades 7-10

A three-week residential camp held in June and July, VAMPY offers high-ability students who have finished Grades 7-10 the chance to focus on one course during six class hours each weekday plus a nightly hour-long study hall.

*Classes are taught by highly motivated WKU faculty and area high school teachers who are thrilled to have equally highly motivated students. **REQUEST AN APPLICATION TODAY.***



Warren County Public Libraries STEM Camps

<http://warrenpl.org/camp/>

Bowling Green, various, Ages 7-16

Girls of Steel: Think Lab (Bob Kirby Branch, Every 2nd Monday, Grades 3-8)

Game On! Minecraft and More (Bob Kirby Branch Tuesdays & Graham Drive Mondays, Grades 3+)

Idea Lab Classes (Bob Kirby Branch, Various, Ages 13+)

STEM Camp (Bob Kirby, Graham, Smiths Grove, Main June-July, Ages 7-16)

Air & Space Camp (Aviation Heritage Park, June 11 & 12, Ages 7-11)



Help Us Bring the Opportunities to You!
To Share Upcoming STEM Events in
Western Kentucky with our Collaborative
Contact us via E-mail or Social Media

KYGIRLSSTEM@GMAIL.COM
@KYGIRLSSTEM



KENTUCKY GIRLS STEM COLLABORATIVE

SUMMER 2019

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