

Summer 2015 Program



Girl **STEM**
SCIENCE • TECHNOLOGY
ENGINEERING • MATH

Welcome to



Class schedule:

- 8:30-10 a.m. Class
- 10-10:15 a.m. Break
- 10:15 a.m. - noon Class
- Noon - 12:30 p.m. ... Lunch
(please bring a sack lunch)
- 12:30-2 p.m. ... Class
- 2-2:15 p.m. Break
- 2:15-4 p.m. Class

GirlSTEM is a summer program for girls entering grades 5-8 to introduce careers in science, technology, engineering and math (STEM).

Important:

For every session, kids must be escorted and signed in and out of class by a parent or guardian.

Enrollment information

- Please check individual course offerings for meeting dates.
- All courses are held in the KCC Workforce Development Center.
- All registrations must include the emergency medical information.
- A fee will be assessed for any children left more than 10 min. after their class session has ended.
- A full refund, minus a \$3 processing fee, will be made for registrations canceled up to three days before the course start date. Refunds cannot be made for cancellations received the day before or on the class start date.

Register by:



Phone - Call 815-802-8207. Pay by credit card (Visa®, MasterCard® or Discover®). Hours are 8 a.m. - 5 p.m. Monday through Friday. Closed most Fridays from May 15 to July 31. TTY users in Illinois, dial 711.



Fax - 815-802-8201. Pay by credit card (Visa®, MasterCard® or Discover®).



Mail - 100 College Drive, Kankakee IL 60901. Do not mail cash.



In-person - KCC's Office of Continuing Education and Career Services is on the first floor of the Workforce Development Center. Hours are 8 a.m. - 5 p.m. Monday through Friday. Closed most Fridays from May 15 to July 31.

KCC is grateful to Nicor Gas for providing start-up funding for this program. Nicor is a longtime partner of KCC and has providing money and input for numerous initiatives which support education and benefit youth.



Nicor Gas™

EQUAL OPPORTUNITY/AFFIRMATIVE ACTION

KCC is an equal opportunity/affirmative action employer and complies with applicable federal and state laws prohibiting discrimination, including Title IX of the Educational Amendments of 1972, Section 540 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990.

It is the policy of the college that no person on the basis of race, gender, sexual orientation, creed, religion, color, marital or parental status, veteran status, age, national origin, political affiliation and/or beliefs, mental or physical handicap or disability shall be discriminated against. This includes, but is not limited to admissions, employment, financial assistance, placement, recruitment, educational programs, or activities. Lack of English skills is not a barrier to admission and participation in educational programs.

Inquiries or complaints may be addressed to David Cagle, Affirmative Action officer; Julia Waskosky, Title IX coordinator; or Kim Harpin, Section 504 coordinator; Kankakee Community College, 100 College Drive, Kankakee, IL 60901-6505; 815-802-8100. TTY users may phone 711. Outside of Illinois, dial 1-800-526-0844.

Waskosky, the Title IX coordinator, ensures that the college is in compliance with the federal law by handling complaints, answering questions, organizing information and relevant statistics and staying informed regarding laws which affect these areas.

Harpin, the Section 504 coordinator, coordinates the college's services/programs for disabled student/staff populations that allow access to education.



Animals, Nature, and Me

Do you love animals? If you do, then come join in as we enter into the amazing world of animals and nature. Through various hands-on activities, girls will explore how some of our favorite animals live their lives, but also how some animals are actually helping our scientists solve some of our world's biggest problems. *Class focus: Science, Math*

Meets: Monday, June 8

The Cookie Jar Mystery: Forensic Science

Girls will use real lab techniques and materials, create theories about the “crime,” and test their hypotheses like scientists would. Girls will learn vocabulary while exploring careers in forensics and getting acquainted with scientific procedures. *Class focus: Science, Math*

Meets: Tuesday, June 9





Carnival Ride

Get ready to “buckle in” for this exciting ride!

This hands-on introduction to the field of mechanics engineering will give girls the chance to learn modeling of common amusement park rides. *Class focus: Engineering*

Meets: Wednesday, June 10



Eggs-Traordinary Physics Camp

Introductory physics concepts are integrated into a number of activities.

Girls will learn things like how to launch a rubber chicken, balance, spin and throw stone eggs, and create an egg drop capsule.

Class focus: Science, Engineering

Meets: Thursday, June 11



Frozen Stop-Motion Animation and Movie Making

Girls will brainstorm the plot, design the set, write the script, file the stop-motion sequences and edit/complete production with voice-overs and special effects. Computers, webcams, stop-motion animation software and Lego's will be used to create the movies. Students also can bring their own Frozen figurines or from home to enhance the story line. Students completed videos will be made available so students can show them to their family and friends.

Class focus: Technology

Meets: Monday, June 15





Billionaire Camp

This class is full of hands-on financial activities where girls will explore personal finances, basic economics, and smart money choices. Girls will be introduced to barter systems and work to trade their way

to success. A Fortune 500 company President will visit the classroom and share her story. *Class focus: Math*

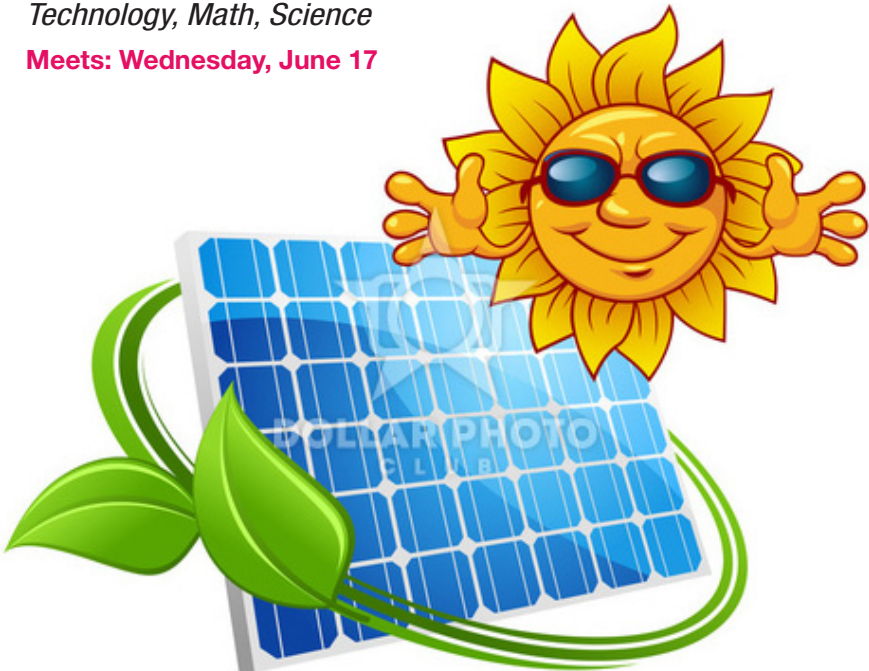
Meets: Tuesday, June 16

Luminate!

Girls are introduced to the fields of solar photovoltaics power systems and solar thermal heating through various hands on activities and discussion. *Class focus:*

Technology, Math, Science

Meets: Wednesday, June 17



Lift Off!

Have you ever looked up into the sky at night and wondered what it would be like to go there? Well buckle yourself into your seat and listen for the 4....3....2....1...Lift off!!! Girls will explore the vast unknown that we call our outer space, and learn about some of the science we will be using on our journey. *Class focus: Science, Math*

Meets: Thursday, June 18



Sign me up!

Registration details are on Page 2.

Phone 815-802-8207 for assistance.



Student information: Please print. Fill in all information.

Child's legal name _____

Address _____ City _____

State _____ ZIP code _____ Phone _____ Birth date _____

T-Shirt Size: ☐ Youth L ☐ Adult Small ☐ Adult Medium ☐ Adult Large

Course Choices

Each class is \$55. All participants receive a GirlSTEM T-shirt!

☐ Animals, Nature, and Me – June 8

☐ The Cookie Jar Mystery – June 9

☐ Carnival Ride – June 10

☐ Eggs-Traordinary Physics Camp – June 11

☐ Frozen Stop Motion Movie Making – June 15

☐ Billionaire Camp – June 16

☐ Luminate! – June 17

☐ Lift Off! – June 18

Payment

☐ Enclosed is a check for \$_____ made payable to Kankakee Community College.

☐ Bill my credit card: ☐ MasterCard® ☐ Visa® ☐ Discover®

Credit card number _____ Expiration date _____

Security code (three digit code on back of card) _____

Signature _____

Emergency Contact Information Card

In case of accident or serious illness, the school will contact the parent/guardian. If the school is unable to contact the parent/guardian or alternate person designated, the school will contact the physician or will make necessary arrangement for immediate treatment. Payment of the fees will be assumed by the parent/guardian. The signature of the parent/guardian signifies he/she has reviewed and understands the conditions of the Emergency Contact Information Card.

Parent(s) or guardian's name(s) _____

Alternate phone (_____) _____

Another contact if parent/guardian cannot be reached _____

Phone (_____) _____

Physician's name _____ Phone (_____) _____

Hospital preference _____ Phone (_____) _____

Dentist's name _____ Phone (_____) _____

Medications – Is your child taking any medication? __ yes __ no

If yes, please list _____

Allergies – List any your child may have and any other health problems _____

Signature of parent/guardian _____ Date _____

Kankakee Community College
**CONTINUING EDUCATION
& CAREER SERVICES**
100 College Drive, Kankakee, IL 60901

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U.S. POSTAGE

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Kankakee, Ill. 60901
Permit No. 462

Summer 2015 Program *Girl*STEM

**Free
T-Shirt for
all Girls**

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