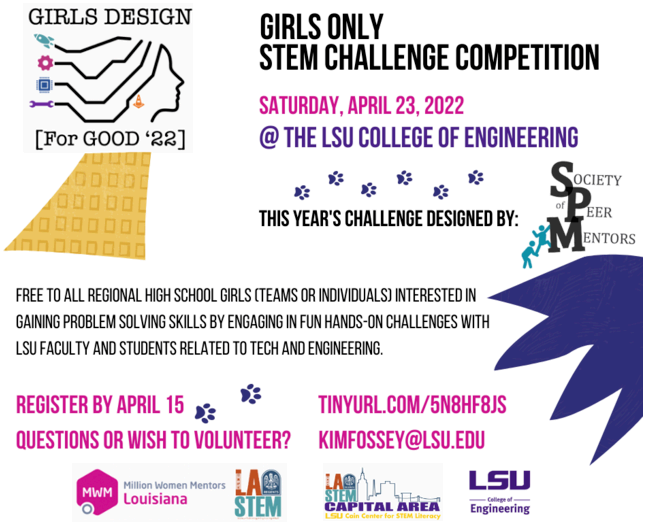
[Building STEM Capital in Region 2]

Camps and Competitions Help Build Interest in STEM

Camps, competitions and contests can have a profound impact on students and how they experience STEM education. STEM competitions such as Kenilworth's Math and Coding Olympiad held this weekend (featured above with speaker Kenneth Campbell from New Schools BR) and the "Girls Design for Good" event scheduled later this month, are often interdisciplinary, drawing upon knowledge, skills, and talents to accomplish a challenge. STEM competitions teach students to work both individually and with others and allow students to explore fascinating fields such as robotics, coding, and game design, while gaining valuable critical thinking skills. The value of competitions is clearly depicted in Disney+ documentary, More Than Robots - which tells the story of a FIRST Robotics team that was challenged to succeed during the pandemic. Be on the outlook for the many opportunities that are available locally and nationally for students to compete.

Register now for GIRLS DESIGN 4 GOOD - It's FREE!



GIRLS DESIGN 4 GOOD

Register by April 20

WHO: Capital Region teams or individual girls in grades 8-12.

WHAT: FREE competitive engineering design challenge. Girls will engage with professionals from the community and college students enrolled in technology and engineering disciplines. Opening speaker will feature Dr. K Renee Horton, the founder of Unapologetically Being, Inc., a nonprofit for advocacy and mentoring in STEM and serves as a quality Engineer for NASA in New Orleans.

WHEN: SATURDAY, APRIL 23, 2022 from 8:30 - 4:00 @ the LSU College of Engineering - Patrick F Taylor Hall (LaSTEM Region 2).

Questions? CONTACT KIMFOSSEY@LSU.EDU

Student Opportunities

Spring Break STEM

4 fun-filled and hands-on STEM sessions during Spring Break is being offered by **BR STEM**. Sessions such as the "math of football" and "science of basketball," will take place from 10am to 12pm at the Chaneyville Community Center.

Register!

Code Ninjas Summer Coding Camps

Check out Code Ninja's schedule for summer where kids gain problem solving, critical thinking, and STEM skills in a fun, safe, and inspiring environment! Examples: Adventures in 3D Printing (price includes a printer to take home), Roblox and Minecraft, and Become a YouTuber. Camp listings can be found here. Email: batonrougela@codeninjas.com

100 Black Men BR Sponsor Summer Camp

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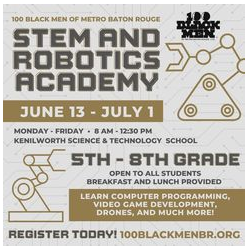


Calling all fifth - eighth graders who are interested in coding, video game development and drones to attend the June 13- July 1 **STEM & Robotics Camp** to be held at Kenilworth. Register here.

Coding Camp for 9th Grade Girls

This FREE coding camp for 9th grade girls (22-23 school year) will be held July 11-15 from 9am-3pm daily) . The camp will feature both coding activities led by experienced female software developers and explore diverse opportunities available to women who code. Location: EBR Career & Tech Center (CTEC) 2101 Lobdell Blvd (behind the BRCC Automotive Tech Center. Register!

BRAF Scholarships

The Baton Rouge Area Foundation's college scholarships are now open. Answer a few questions, create a profile and submit an app! Apply here!

Educator Opportunities

PLTW Grant Opportunity

Project Lead the Way STEM Pathway will feature a webinar brief overview of their programs and activity, project, and problem-based approach. The webinar will demonstrate the ease of applying for a PLTW grant, with all the insider tips and tricks for a successful (and fundable) application and feature a Q&A session at the end.

When: **Apr 14, 2022 04:00 PM** Central Time

Register! Register in advance for this meeting. After registering, you will receive a confirmation email containing information about joining the meeting.

ISTE '22 in New Orleans!

Don't miss this great opportunity to walk away bursting with ideas for learning with technology that will pay STEM dividends throughout the year. Hosted at the Morial Conference Center in New Orleans this year, check out the International Society for Technology in Education's (ISTE) exciting program that will be offered in both face to face and online streamed formats. Learn more.

Subscribe to our email list.

PBS: Check out PBS Design Squad's Inventing Green Challenges - Choose activities from the 6 or 12 week club challenges focusing on the environment that teach problem solving and engineering design.

STEMConnector: Saving the Planet is STEM eBook that features great resources and career exposure to climate change and renewable energy careers. Also, subscribe to STEM Connector to receive their next eBook - "Environmental Sustainability is STEM" on April 22nd! They are free!

MWM Webinar: You Can't Be What You Can't See - STEM Career Awareness Using Learning Blade

Wednesday, April 6 from 1:00-2:00 pm. Hear how Alabama, Arkansas, and Idaho are using Learning Blade software to help expose more middle school girls to STEM/CS/CTE-related careers. Register.

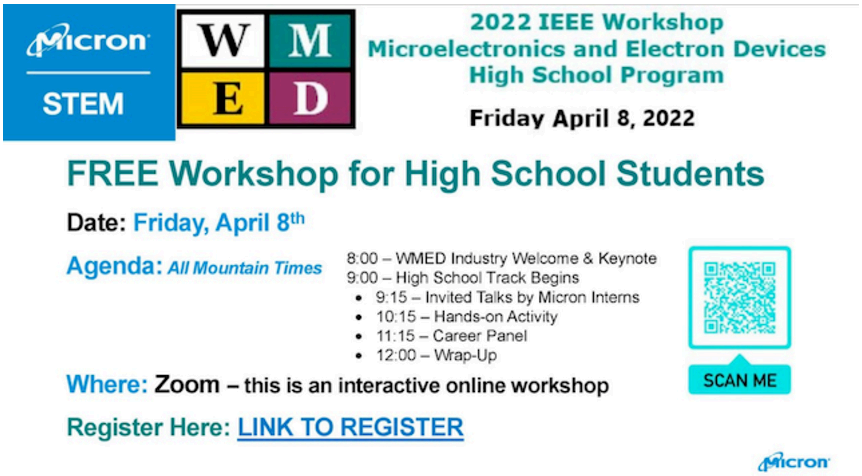
LDOE Teacher Leader Summit '22 - New Orleans May31 - June 2.

Career Spotlight

Exposure to Microelectronics

Micron is seeking students with an interest in Electronics and Electrical Engineering (or enrolled in AP physics and/or engineering courses) to attend the high school track of their conference. Check graphic below for workshop info. Register!

- DATE: April 8th. -9am - 1pm Central. Registration closes April 2nd



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Please forward to a friend interested in closing STEM opportunity gaps in our region.

Search for STEM Opportunities

Capital Area STEM Network Center @ LSU Cain Center
204 Thomas Boyd Hall
Baton Rouge, LA 70803 US

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