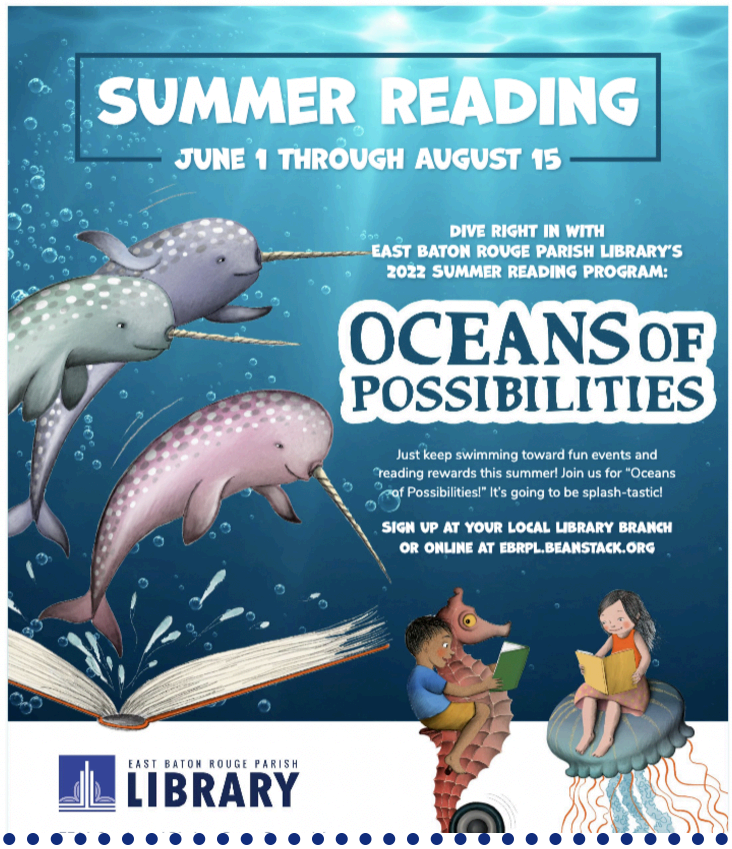
LA STEM CAPITAL AREA

[Building STEM Capital in Region 2]



East Baton Rouge Parish Library Kicks Off a Summer of STEM-related Reading Activities on June 1st at Goodwood Branch

Kids and teens are invited to the Main Library at Goodwood on Wednesday, June 1, 10am -2pm for a super fun **STEM Summer Kickoff.** STEM activities and demonstrations will be offered by local organization such as Capital Area Beekeepers Association, LSU Engineering, BASF, Women in Nuclear, Acadian Ambulance, the Army Corps of Engineers, Capital Area STEM and more! Starbase will host a program for teens, and there will be a boat-making activity for children in the Library's large meeting room. Registration for the Starbase program and the boat-making activity is encouraged. To register, call 231-2760. Learn more about how the Summer Reading Program works and oceans of related activities happening throughout the summer.

Professionals will present highlights of their "Cool Careers" during EBRPL's Career Center all summer for Teens! These fun, informative programs (See complete schedule) will take place on Wednesdays at 10:30 a.m. The Library's Career Center features countless services, like FREE computer classes, for all and even a YouTube Channel featuring great resources.

WORKFORCE DEVELOPMENT
EAST BATON ROUGE PARISH SCHOOL SYSTEM

Check out EBRPSS' site on workforce development - A great source for career and workforce pathway information for students, parents, educators and community.

Educator Professional Development

LSU Cain Center Professional Development Series

The Cain Center supports high-quality STEM education and college readiness initiatives through programs and services that build capacity for successful teaching and student learning. Countless opportunities for professional development await you!

- Learn more about STEM Pathways (Elementary, Middle, & High) and associated training
- Learn more about Dual Enrollment

Materials Engineering PD [ASM]

ASM will again host their **FREE teacher workshop** at the University of New Orleans (Engineering Building) June 20th - June 24th for teachers of grades 6-12.

- FREE hands-on, low-cost activities that you can integrate into your classroom
- Learn career opportunities in science and engineering to share with students
- Strong connection to NGSS
- 4 CEUs (40 hours), demonstration materials and meals
- APPLY. Learn more about ASM Foundation.

Tulane Center for K-12 STEM PD

- June 22-23: Explore Coding and Robotics with LEGO® Spike Prime Essential* (In-Person at Tulane's Uptown Campus!) - Grades 1st-4th
- June 29-30: Explore Coding and Robotics with LEGO® Spike Prime* (In-Person at Tulane's Uptown Campus!) - Grades 4th-8th
- July 13-14: Integrating Mathematics in Your Science Classroom - Grades 5-8 (VIRTUAL)

Grants & Resources

IBM's Security Preparedness Grant

IBM Education to grant $5 million in-kind for public schools globally to better prepare for growing ransomware threat. The grants will sponsor IBM Service Corps teams to help districts proactively prepare for and respond to cyber threats with incident response plans, ransomeware playbooks, cyber training for school communities, and more! Learn more. Apply by June, 21!

Supporting Effective Educator Development (SEED) Grants Open

The SEED grant program is now accepting applications for efforts that increase the pipeline of highly effective educators. Critical areas include: STEM, special education, multilingual education, career and technical education, and early childhood education. The Applications are due June 3, 2022.

National Institute for General Medical Sciences Launches STEM Resource Hub!

The website provides links to free, NIH-funded educational content educators

and mental health, scientific tools and methods, molecules, cells, and much more.

Curriculum! Build To Launch: A STEAM Exploration Series

NASA and the Artemis I team have collaborated with LEGO to bring students and teachers activities that explore the technology, STEAM concepts and careers behind the Artemis I mission to the Moon. A 10-week interactive digital learning adventure, each episode students will find themselves in the shoes of NASA engineers, scientists, and of course astronauts. Great downloadable resources!

NASA Educator

NASA is committed to finding innovative ways to deliver content and engage students in STEM learning. Thus, OSTEM announces a nationwide search for STEM or Education faculty or STEM Education staff employed at Minority-Serving Institutions (MSIs) to join NASA's OSTEM team on a **two and a half-year temporary assignment. Register for June 2nd** Webinar to learn more about program and submitting an application.

Student Opportunities

Louisiana 4-H Sponsors Tiger Tank Entrepreneurship Challenge

Do you know a teen with a WILD idea for a business?

It's time to light that SPARK at the 4-H University Tiger Tank Contest! There are two divisions - 1) "Ideation" for those with business ideas and 2) "Up and Running" for businesses that have made at least one sale. Entries can be product-based businesses or service-based businesses. Contact your parish 4-H Extension Agent for details and scholarship opportunities. 4-H is partnering with the Mott Foundation and the Louisiana Center for Afterschool Learning to offer participant scholarships for this contest. State Deadline is June 3rd. For more info, click here.

Quick List of STEAM Summer Camps:

- Code Ninjas Summer Coding Camps
- 100 Black Men BR Robotics Summer Camp

Subscribe to our email list.

- LSU Pre-College Summer Programs 6th-12th Grade - NOTE: Registration still open for Robotics, Survey of Drones, the two Biology classes, Java Script, Sound Engineering and Esports
- Cain Center's ALEKS College Math Prep Summer Program (entering freshmen)
- Cain Center's Math Research Circle Projects (high school)

Join Our Mailing List

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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