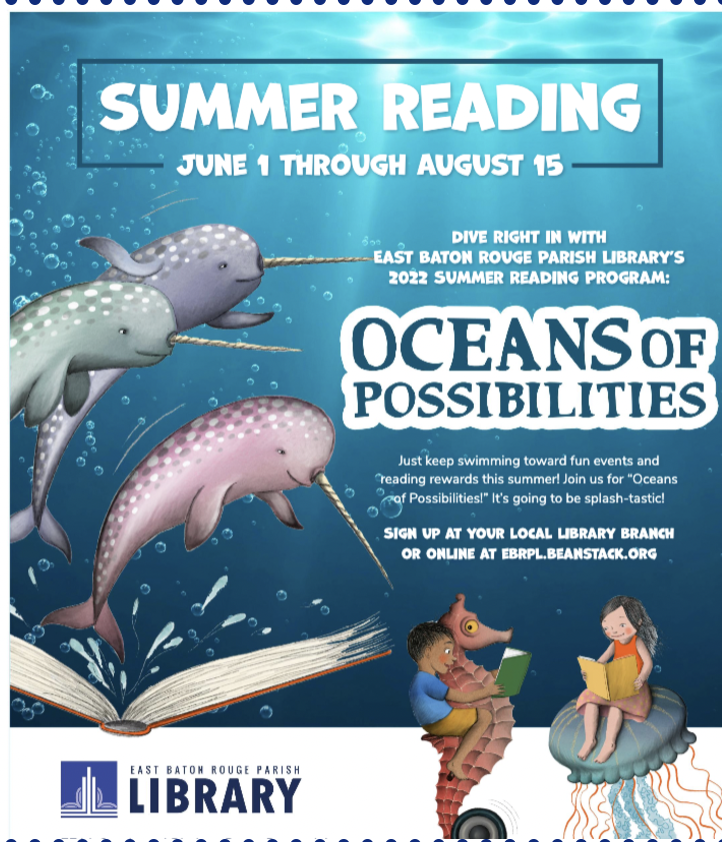




## [Building STEM Capital in Region 2]



### 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](#).



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 20<sup>th</sup> - June 24<sup>th</sup> 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 1<sup>st</sup>-4<sup>th</sup>**
- June 29-30: [Explore Coding and Robotics with LEGO® Spike Prime\\*](#) (In-Person at Tulane's Uptown Campus!) - **Grades 4<sup>th</sup>-8<sup>th</sup>**
- 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, ransomware 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 parents can use to engage K-12 students in health science - such as brain 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](#)
- [Coding Camp \(Fast Enterprises\) for 9th Grade Girls](#)

- [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 \(high school\)](#)

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**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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