LA STEM CAPITAL AREA

[Building STEM Capital in Region 2]

Girls' Day at the Museum Returns - February 12!

Wanted: GIRLS who are problem solvers, explorers and hidden gem seekers—for a day of science fun! The **LSU Museum of Natural Science** and **LSU College of Science** invite girls in grades 4 through 6 to apply to attend. For Students: Hands-on science activities, AND snack and chat with some of LSU's top women scientists. For Guardians: A tour and advice on how to foster your daughter's STEM interests. Deadline to apply - Jan 14th!

Girls' Day at the Museum - Apply!

Professional Development & Resources

Coding Workshop for K-5 Educators - January 29

Bring coding to your school or program by attending the FREE + FUN Code.Org hands-on workshop in the state-of-the-art LSU Patrick Taylor Engineering Hall on **January 29th.** Participants will explore and take home Code.Org's FREE elementary school curriculum!

Audience: Elementary educators, pre-service teachers, school and public libraries, afterschool providers

Register TODAY: Use the 2-step process for registering through Code.Org

1. Login to Code.org using your current Code.org Login or register for a FREE Code.org LOGIN **HERE.**
2. Once logged in, the link provided above will take you directly to the CS Fundamentals Workshop, giving you access to the complete curriculum.

- **Date:** January 29th, 2022. **Time:** 8:00 - 3:30
- **Location: LSU - College of Engineering - Patrick Taylor Hall**
    - Rm 1245 - Engineering Design Murphy Oil Classroom (Main Building)
    - 3304 South Quad Dr, Baton Rouge, LA 70803
- **Breakfast, lunch, swag and prizes will be provided.**
- **BYOC - Bring your own computer (no tablets)**

THINK Globally, TEACH Locally - January 19

Environmental Education Resource Webinar! Join U.S. Dept of Ed and the EPA to review free STEM K-18 educational resources to inspire and build your students' skills in understanding environmental stewardship.

- Resources are available to support environmental learning
- Leveraging schools as community anchors for the environment
- Ed-tech games and interactives for climate learning
- Elevating environmental justice and other issues with student challenges

Date/Time: January 19 - 12:30 - 2pm. Register Here.

NOAA Ocean Acidification Program Education Mini-Grant Program

This NOAA Mini-Grant Program aims to engage diverse audiences in ocean acidification education and outreach, while developing innovative approaches for community involvement. Proposals are due on February 18, 2022. The rogram anticipates awarding between 7-8 education and outreach projects totalling $300,00 in 2022. **Apply Here.**

National Mentoring Month

Supporting STEM Education through mentoring is a strategic marketing imperative and a proven

Subscribe to our email list.

programs in your organization from STEM Connector and Million Women Mentors' Guide to Formal Mentoring Programs and by visiting our website. Other great girl-focused sites :

- SciGirls Role Model Strategies
- TechBridge Girls

edutopia

5 Ways to Bolster Students' Confidence in Math

Exposure to a variety of approaches to problem-solving provides students with opportunities to improve their math skills. This Edutopia article stresses the need for incorporating concrete mathematical problem solving for students. It's important for students to be aware of the processes they are building as problem solvers and how that will help them to be ready for the future in more than just the math classroom. See article on suggested five techniques. Also, check out PBLWorks for problem-based projects for all subject areas and level.

LOUISIANA ART & SCIENCE MUSEUM

Cool Regional News

LASM Receives $168,833 Federal Grant from IMLS for "Healthy Aging with LASM"

LASM's three-year arts and wellness grant program will serve senior adults in the capitol region through a variety of activities and free programming including "Virtual Voyages," which will include hands-on activities; distributing Virtual Reality headsets pre-loaded with virtual art and science content, hosting in-person workshops in partnership with arts and wellness specialists; and distributing free museum admission passes. Great partners include Council on Aging and Baton Rouge General Arts in Medicine Program.

February 8th, Raising Cane's River Center - What's in store for participants?

Subscribe to our email list.

- Moderated industry panels that concentrate on regional workforce needs and equity in STEM (featuring IBM, Ochsner, ExxonMobil, NASA, Laitram, Roy O'Martin, CGI, and others)
- Keynote presentation by Critical Thinking expert - Steven Pearlman
- Promising practice breakout sessions that address successful college and career readiness.
- Live demonstrations by students
- Vendor presentations

Click here for registration

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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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