LA STEM CAPITAL AREA

[Building STEM Capital in Region 2]

Louisiana Art & Science Center's Dino Day held June 25, 2022

STEM Learning Beyond the Classroom

According to Afterschool Alliance, nationwide, states and schools are engaging diverse out-of-school-time (OST) partners like afterschool programs, libraries, museums, universities, and businesses to ensure that students have access to high-quality STEM education. These partners have the flexibility and ability to be nimble - offering non-graded, but highly relevant activities that spark learning and ignite interest in STEM.

Capital Area STEM is your go-to site for finding OST program providers, calendar of STEM events, professional development opportunities and ideas for anyone to dream up motivating STEM activities. Interested?

- SEARCH for OST STEM PROGRAMMING
- GET your PROGRAM LISTED

- FIND STEM LEARNING RESOURCES for Do-it-yourself STEM

Making the Case for OST STEM

Learn More: The Role for Industry in Creating High Impact Afterschool STEM Programs

Want to learn more about how organizations are supporting OST? This pre-recorded webinar explores the value of out-of-school time (OST) STEM and the support it takes to bring equitable learning opportunities to communities. The webinar features speakers representing the STEM Next Opportunity Fund (on the OST STEM landscape), the Museum of Science in Boston (on their commitment to physical facilities and curriculum resources, such as Engineering is Elementary), and Micron Technology and Micron Gives (on STEM outreach work and support for system building). Listen in... Also, family engagement is a game changer! check out Essential Funders Guide to STEM-focused Family Engagement.

Our Region's OST & Education Development Partners

EBRP Library Launches...
Wi-Fi 2 GEAUX

EBRPL continues to support out-of-school-time STEM learning and aims to reduce our local digital divide by launching a two-year pilot program: **Wi-Fi 2 Geaux!** EBRPL cardholders will be able to borrow the devices at these locations (Baker, Carver, Delmont Gardens, Eden Park, Main Branch, and Scotlandville) for three weeks and renew them for up to three additional loan periods. The pilot project also includes a limited number of more robust Wi-Fi devices which will be placed in other shared public community spaces. Visit EBRPL.org to learn more and view summer-long "Oceans of Possibilities" STEM Offerings.

Highland Road Park Observatory

The Baton Rouge Astronomical Society is sponsoring the incredible Asteroid Day at the Highland Road Park Observatory: **July 2nd** (8pm - 11pm). The event will include a variety of asteroid-oriented physical science demonstrations, experiments, videos and will attempt to drive live views (weather-

permitting) of asteroids 8 Flora and 10 Hygiea! Learn more. In addition to this event, the Park will focus on STEM one Saturday per month throughout the year. See calendar of topics.

LIGO Science Education Center

Join the LIGO (the Laser Interferometer Gravitational-Wave Observatory) Science Education Center for a hybrid workshop focused on Light, Color, Sound and Waves using physical science interactives. Days **July 19-21** are scheduled to occur in person with two follow-up weekend days held virtually. Learn more.

CWPPRA Offers Coastal Restoration Teacher Workshop

Integrate coastal restoration and environmental science into your classroom by attending the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) free workshop at the Water Campus **July 22** - WaterMarks360: Caminada Experience Virtual Field Trip & Curriculum Guide. Learn more details! Complete the interest form!

Code.org and Capital Area STEM Co-sponsor Middle and High School CS Training in July

July 11-15 at the EBRPSS Professional Development Center. CS Discoveries (6th-10th grade) and CS Principles (9th-10th grade) will be taught. TEACHER REGISTRATION!

OST & Family STEM Resources

Resources Recently Added

- reDiscover Center easy hands-on STEM and "tinkering" projects and tips for incorporating STEM in afterschool or home
- Mizzen App - Great content App downloadable via Apple Store or Google Play
- Summer of Love for STEM & Million Girls Moonshot - Family Resource Ideas
- Meta's Engineering for the Week
  - 15 hours of fun hands-on coding and game creation activities

Grants & Resources

Outstanding Teachers of Mathematics

Subscribe to our email list.

each year. Deadline September 6, 2022 Learn more and find Application here.

Join Our Mailing List

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

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