Museum Community Partnerships – Part 1: Libraries

Online Workshop Summary of Resources
10/12/2017

Online Workshop Presenters

- Julia Skolnik and Tara Cox, The Franklin Institute
- Keliann LeConte, Space Science Institute
- Andrew Spence and Cheri Grinnell, Kentucky Science Center
- Anna Hurst, Astronomical Society of the Pacific

Recording of the online workshop on Vimeo

- https://vimeo.com/238088882

Important links shared during the online workshop

- **Leap into Science:** www.fi.edu/leap
  Leap in Science is a program designed to engage children and families in science and literacy by integrating hands-on science activities with children's literature.

- **National Girls Collaborative Project:** www.ngcproject.org

- **STEM Activity Clearinghouse:** http://clearinghouse.starnetlibraries.org
  In the STEM Activity Clearinghouse, library staff can find high quality, vetted STEM activities that are appropriate for library use. You can search by audience, content level, and difficulty, among others. Or, browse by curated collections.

- **STEM in Libraries: Resources for Emerging and Established Leaders**
  http://www.starnetlibraries.org/stem-in-libraries/
  Public library professionals, informal STEM educators, education and learning researchers, STEM professionals, evaluators, education and learning researchers, media professionals, and funders are working to advance the field of informal science education. We invite you to review resources collected from these professions and build upon this existing body of work.

- ***STEM in Libraries: National Survey Results***
  Jim S. Hakala et al (2016)
  University of Colorado/Space Science Institute
  *Presented at the 2015 Public Libraries & STEM Conference. [View Conference Program](#)
  http://www.nc4il.org/images/papers/FINAL_STEM_LibrarySurveyReport.pdf
  In the winter of 2015, the STAR_Net project team developed and implemented a two phased front-end evaluation of Library Professionals and STEM professionals utilizing an on-line front-end survey and conducting telephone interviews with select participants. The goals of evaluation were to determine: 1. What STEM programming is currently in place in libraries, and how do libraries approach and implement STEM programs? 2. What obstacles prevent libraries from incorporating more STEM programming? 3. What kind of training and resources would be most helpful to librarians? 4. And what factors influence and enhance the success of establishing and maintaining a "Community of Practice" or professional learning community? Over 500 library and STEM professionals completed the survey and 25 participants were interviewed. This presentation will focus on the results of the evaluation, implications of the results, and recommendations to the project team.

- **Horrigan, John B. "Libraries 2016" Pew Research Center, September 2016.**
  http://www.pewinternet.org/2016/09/09/2016/Libraries-2016/

- **Portal to the Public**
  https://popnet.pacificsciencecenter.org/
  The Portal to the Public approach helps informal learning organizations connect public audiences with current science in their own communities through conversations with local scientists and engineers. The Portal to the Public framework has been implemented at over 50 organizations that form the Portal to the Public Network (PoPNet), a community of practitioners dedicated to sharing ideas and strategies for scientist-and-public engagement. Through funding from the Institute of Museum and Library Services and the National Science Foundation, PoPNet has expanded to a range of informal science settings including science centers, museums, universities, zoos, aquariums, botanical gardens, and research organizations. Find out more information about [joining PoPNet](#).

- **Science in Play 2Go (SiP2Go) Program**
  http://kysciencecenter.org/permanent-exhibits/science-in-play/science-in-play-2go/

- **NISE Net's Exploring Earth: Bear's Shadow hands-on activity**
  http://www.nisenet.org/catalog/exploring-earth-bears-shadow

- **ASP's video for Bear's Shadow**
  https://vimeo.com/184067973

- **NISE Net's Museum and Community Partnerships Collaboration Guide:** http://www.nisenet.org/collaboration-guide

- **Online Workshop: Learn More About the 2018 Explore Science: Earth & Space Toolkit (Recorded)** http://www.nisenet.org/events/online-workshop/online-workshop-learn-more-about-2018-explore-science-earth-space-toolkit

NISE Net's Upcoming Online Workshops: http://nisenet.org/event-type/online-workshop

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