Welcome to today’s Infopeople Webinar!

Infopeople is dedicated to bringing you the best in practical library training and improving information access for the public by improving the skills of library workers. Infopeople, a grant project of the Califa Group, is supported in part by the Institute of Museum and Library Services under the provisions of the Library Services and Technology Act administered in California by the State Librarian. This material is covered by Creative Commons 4.0 Non-commercial Share Alike license. Any use of this material should credit the funding source.
STEAM PROGRAMMING FOR DIVERSE POPULATIONS
HI, I'M AMY

- Youth & Family Program Supervisor, Skokie Public Library
- Author of ALSC's "Building STEAM with Día" toolkit
OUR AGENDA TODAY

- STEAM and issues of equity
- STEAM Programs for Diverse Youth
- STEAM Programs for Diverse Teens
- Resources for Program Planning
STEAM & ISSUES OF EQUITY
WHAT IS STEAM?

- Science, Technology, Engineering, Arts, & Math
- Late 1980s: Governors Education Summit
- 1990s: Goals 2000 Act
- 2000s: No Child Left Behind
- 2010s: NGSS & ESSA
WHY STEAM IS AN EQUITY ISSUE

- People of color are underrepresented in STEM fields.
- People of color are underrepresented in STEM education.
- People of color consistently score below white peers in STEM testing in schools.
IT'S ABOUT PREPARATION, ACCESS, & MOTIVATION.
HOW DOES STEAM ALIGN WITH PROGRAMMING GOALS?

LITERACY, SCHOOL SUCCESS, & LIFELONG LEARNING
5 TIPS FOR GETTING STARTED

- Build around diverse books & perspectives
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- Partner with professionals
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- Make it hands-on
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- Carve out space for ongoing engagement
5 TIPS FOR GETTING STARTED

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- Partner with professionals
- Make it hands-on
- Carve out space for ongoing engagement
- Bring a successful program to a new audience
CONSIDER THE PATRONS WHO REGULARLY ATTEND YOUR PROGRAMS. CAN YOU IDENTIFY POPULATIONS YOUR LIBRARY SERVES WHO ARE NOT COMING TO TRADITIONAL PROGRAMS?

POLL
PROGRAMS FOR DIVERSE YOUTH
SCIENCE CLUB JR

BUILD PRESCHOOLERS’ FOUNDATIONAL KNOWLEDGE
MICROWORKSHOPS

BITE-SIZE ENGAGEMENT
FACILITATED PROGRAMS

HANDS-ON
THE SCIENCE EXPO

LEARNING AS A FAMILY AFFAIR
CLASSROOM CONNECTIONS

COLLABORATE WITH A LOCAL SCHOOL
WHAT TYPE OF YOUTH STEAM PROGRAM FORMAT WOULD WORK BEST FOR YOUR LIBRARY'S CURRENT PROGRAMMING STRUCTURE?

POLL
PROGRAMS FOR DIVERSE TEENS
CODING AND GAMING AND TECH, OH MY!

TAP INTO TEENS' INTERESTS
BIOBLITZ

CIVIC/CITIZEN SCIENCE
MENTORS & MENTORS IN TRAINING
ALLOW TEENS TO BE PEER EXPERTS
AFTERSCHOOL OPTIONS

PARTNER WITH SCHOOLS
CONSIDER YOUR FREQUENT TEEN PROGRAM ATTENDEES. CAN YOU ENVISION ANY OF THEM ACTING AS PEER EXPERTS OR MENTORS?

POLL
RESOURCES FOR PROGRAM PLANNING
PROGRAM-PLANNING RESOURCES

- Library blogs
- “Building STEAM with Día” toolkit
- National Geographic
- Zooniverse
- National Science Teachers Association
CONTACTS FOR COLLABORATION & SUPPORT

- Your local schools
- Local universities
- STEAM professional organizations
- STEAM businesses
- Other area libraries
CAN YOU THINK OF AN INDIVIDUAL IN YOUR COMMUNITY WITH WHOM YOU COULD PARTNER TO OFFER MORE DIVERSE STEAM PROGRAMMING?

POLL
WRAPPING UP

- Make it participatory
- Make it motivating
- Highlight diversity
- Use all the resources
- Collaborate
QUESTIONS?

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