Culturally Responsive STEAM Programming: Engaging Latinx Communities in Rural Areas
Tuesday, September 15th

The webinar will begin at 2:30 pm MT and will be recorded

While you’re waiting:
1) Find the toolbar – it will either be on the bottom or top of your Zoom window
2) Introduce yourself in the chat box (please select “All Panelists and Attendees” not “All Panelists”)
3) Click audio “Join by Computer” – you won’t have microphone access

Tip for viewing: You can resize and move the location of the video and slide screens by clicking and dragging them
Expectations / Guidelines

• Try to use the Q&A feature for questions

• When using Chat, make sure your messages are being sent to “All Panelists and Attendees”

• We are all working from home: tech problems may happen!
Facilitator Introductions

Claire Ratcliffe (Space Science Institute)
BeeBee Browne (American Library Association)
Keliann LaConte (Space Science Institute)
Veronica Casanova (Tulare County Library)
Flo Trujillo (REFORMA de Nuevo Mexico)
Miguel Ruiz (Evanston Public Library)
Today’s Agenda

Ice Breaker and Poll Question
STEAM Equity Project Overview
Defining Cultural Responsiveness
Program Examples
Building Relationships
Discussion
Q&A
What is the strangest place you’ve worked remotely from?

Ice Breaker
Poll Question

What features have you used to make virtual programs more engaging?

a. Poll Questions
b. Annotating tools
c. Breakout Rooms
d. IdeaBoardz
e. Word Clouds
f. Other
Empower tweens and their families around equitable STEAM learning and career paths
Collaborate and co-create with Latino* populations

*The project team uses the term “Latino” but acknowledges that communities and individuals may identify as Latino/a/x, Hispanic, Chicano/a, or a variety of other terms.
Advancing Informal STEM Learning

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Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.
Join an annual forum on gender equitable and culturally responsive STEAM learning for:

- Networking
- Strategies
- Resources
- Hands-on STEAM activities
“Community Dialogues and Libraries,” with Lisa Jackson, Librarian, Supervisor and community members at African American Research Library and Cultural Center (AARLC)

https://stemforall2020.videohall.com/presentations/1653
Cultural Responsiveness - Definitions

Cultural responsiveness is the ability to learn from and relate respectfully with people of your own culture as well as those from other cultures.

Source: National Center for Culturally Responsive Educational Systems (NCCREST)
Cultural Responsiveness - Definitions

the ability to recognize the significance of culture in one’s own life and in the lives of others; and to come to know and respect diverse cultural backgrounds and characteristics through interaction with individuals from diverse linguistic, cultural, and socioeconomic groups; and to fully integrate the culture of diverse groups into services, work, and institutions in order to enhance the lives of those being served by the library profession and those engaged in service.

Source: Cultural competence: A conceptual framework for library and information science professionals by Overall
What is Cultural Responsiveness to you?

Type in the chat box the answer to the question
Why is Cultural Responsiveness important?

- Patrons feel like they are respected and viewed as an important part of the library/community.

- Culturally Responsive library staff know how to integrate social, cultural, and linguistic information in a culturally sensitive manner.

- Avoids tokenism for the program and program reflects a cultural authentic program.
Latino/Latina - Definition

-Latino/Latina - Descendent, or person of, Latin America

-The Spanish language leaves room for only the masculine term (Latino) or the feminine term (Latina).
Latinx - Definition

-Latinx = Latin + x

-Latin = Descendants (or people of) Latin America

-X = gender neutral term, designed to be inclusive to all female, male, trans, queer, and/or non-binary

-The term “Latinx” is gaining popularity as a recent Pew study demonstrates that 3% use the term.

Source: Merriam Webster
Culturally Responsive Program

What does it look like... will it be virtual?

- Welcome families
- Introduction - Chat Rooms - Something they learned
- Ground rules, facilitator, breakaway room
- ZOOM or Google Meet platforms
- Some common misconceptions
Culturally Responsive Program

Identify STEAM in the community

- Virtual Technology in Rural and Urban Communities
- Food Security / Gardening
- Health Professionals
STEAM Adobe

Instructions for one Adobe Brick
- Make mud! Add clay and sand in the bowl and slowly add (1 tsp) water and mix into mud. If it is too wet, add more dry ingredients, if it crumbles, add more water.
- Crush the straw in pieces and mix into bowl.
- Press mix into the square wooden container, place on wax paper.
- Dry in the sun for a day or two.
- Once it dries, push out your adobe. Keep making more.
- Make more mud and “frost” to put adobe together to engineer a little casita!
- Read “The Three Little Javelinas” it may inspire you!

STEAM Adobe (Espanol)
- Arcilla
- Arena
- Agua
- Paja
- Tazón
- Papel encerado
- Cuchillo de plástico

Instrucciones para un Adobe
- Agregue arcilla y arena en el tazón y agregue lentamente (1-cucharadita) de agua. Si está demasiado húmedo, agregue más ingredientes secos, si se desmorona, agregue más agua.
- Triture la paja en pedazos y mézclelos en el tazón
- Presione la mezcla en el recipiente cuadrado de madera, colóquelo en papel encerado.
- Secar al sol por unos dias.
- Una vez que se seque, saca tu adobe. Sigue haciendo más.
- ¡Haz más lodo y “escarcha” para juntar adobe y diseñar una pequeña casita!
- Lea “Las tres pequeñas jabalíes”, ¡puede inspirarlo!

https://reformanm.blogspot.com/

Request a kit for STEAM Adobe
¡explora!
Ideas You Can Touch
Ideas que puedes tocar

https://www.explora.us/
Building Relationships

• Identify existing relationships
• Research community groups
• Connect to organizations/institutions
• Connect with community leaders
• Connect with families/individuals
How to Connect

- Leverage existing partners
- Pick up the phone
- Type a personal email
- Attend (virtual) events
- Attend real (socially distanced) events
>>>What not to Say

- Actively listen…actively
- (Internally) connect aspirations with library resources
- Don’t laundry list resources
- Be OK with no tangible next steps
- Networking as a leadership habit
What to Say

- Ask about issues, barriers, challenges
- Ask about current events, programs, services
- Ask about goals for youth and families
- Discuss opportunities for collaboration
Follow-up

• Not all conversations lead to partnerships
• Conduct cultural research
• Identify tools needed to collaborate
  • Translations, day-care, bilingual support, trusted 3rd party
• Contact experts
Lead a community dialogue

• Leverage your existing and new partners
• Explain and send questions
• Make room for 1:1 and group conversations
• Identify translators (host in native language)
• Follow-up with leaders on next steps!
Thank you!

Any Questions?
Discussion

What is one thing that doesn’t cost any money that your library could do now to start implementing culturally responsive programs?