Level Up Your Facilitation and be a "Guide on the Side" for Virtual and In-Person STEAM Programs

October 22, 2020; 1:00 pm MT

1) Please introduce yourself in the chat. You won’t have microphone access for today’s webinar.

2) You can find today’s “Link Bank” at: starnetlibraries.org/blog

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Facilitator
Introduction

• Keliann LaConte
• Brooks Mitchell
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Like an activity and think other library staff should know how great it is? Didn’t like an activity or have modifications to make it better? **Make sure to leave a review!**
Virtual Programs
Use this featured resource to add easy, hands-on STEAM activities (using common household materials) to your online Story Time programs. Note: Book recommendations are included.

Virtual Program: Sky Heroes
Participants celebrate their heroes by creating connect-the-dot star patterns to represent them.

View This Virtual Program Activity

Families at Home
Below is a set of resources that can be provided directly to families without the need of facilitation by library staff.

Hands-on Activity: Daylight in a Bottle
Celebrate Earth Day at home by harnessing the power of natural resources! This [family guide](#) explores how you can read a secret message from a friend or light up a room with just two things: free, clean energy from the Sun and a water bottle.

The activity has a how-to video (below) as well as a short, four minute video, "[A Light of Light at Night](#)" showing how this technology has been used practically in other countries.

View The Facilitation Guide

Refresh Your Skills
Keep your skills sharp by revisiting these professional development resources.

Webinar: Imagine Your Story... with a STEAM Twist!
Join the STAR Net team and Luke Kradik, Organizational Coordinator for CSLP, in this recorded webinar to learn all about this year's theme and exciting, hands-on STEAM activities that will help you bring it to life at your library. We'll discuss programming ideas, useful resources, and tips for engaging your community.

View This Week's Webinar
Check out STAR Net’s ‘Guide on the Side’ webpage!

http://www.starnetlibraries.org/resources/guide-on-the-side/

Authored by Brooks Mitchell, Claire Ratcliffe, and Keliann LaConte

Association for Library Service to Children’s (ALSC) Children and Libraries journal; Vol 18, No 3 (2020)

journals.ala.org/index.php/cal/issue/view/773

Or

bit.ly/2TdWcgK
IdeaBoardz Question (pt. 1):

bit.ly/31v6T2M

What is the best part about Fall?
IdeaBoardz Question (pt. 2):


What “STEAM” connections can you think of for the Fall season?
Open-Ended Question

What is a “STEAM” learning experience in your life that really stands out and/or had a big impact?

• Reflective question. Can share in chat if you want to.

• (Keep this in mind as we are going through STEAM Facilitation Pathways!)
Agenda Overview

• Intro/Icebreaker
• STEAM Learning Pathways
• Guide on the Side “Moves”
• Activity
• Poll/Discussion
Learning Expectations

Begin with ‘Guide on the Side’ philosophy and end with discussion

We are not library staff; we are counting on you all to share your experience!
Facilitation Styles
“Sage on the Stage”

- Focus is on the instructor
- Delivers a lecture
- Audience as passive listeners
The Earth and the Moon
“Trivia Master”
(or Initiation-Response-Evaluation)

Facilitators
- Ask closed questions
- Control discussion
- Do majority of talking

Patrons
- Recall, list, recite, label
- Rewarded for “correct” answers

Illustration by Kevan Mills. Credit: Space Science Institute
exploration
“Guide on the Side”
“Guide on the Side”
Strategies for Your STEM Programs
Strategy 1
Create a safe learning environment
I don’t know...let’s find out together!
That is an interesting thought! How did you come up with it?
Open-ended questions

Strategy 2
What do you notice?

Can you tell me more?

Credit: Rolling Hills Consolidated Library
Strategy 3
What did you observe?
Wait approximately 5 seconds after asking a question.

Respond to someone who took longer to form his or her thoughts.

Gives time for learners to think about and articulate their ideas.
Strategy 4

“Turn and Talk”
Please turn and tell your family member or friend your ideas.
“Help each other figure this out. Take your time. I will come back in a few minutes to see how you’re doing.”
Hands on STEM

Presented by St. Louis County Library

Create, discover and learn with STEM in this seven-week session. Each week we will explore something different, from robots to rockets, and we will celebrate our accomplishments with a pizza party at the end. Please visit Ms. Barker in the school library to register.

Hoech Middle School, Thursdays, 2:30–4:00 p.m.
Strategy 6

Find common and shared experiences for patrons

Credit: Space Science Institute
Exploring the Scale of Our Solar System

Earth’s Bright Neighbor
15 inches (38 cm)

grape or blueberry

peppercorn
Giant pumpkin
(or Halloween orange pumpkin garbage bag)
55 inches wide
Earth-Sun Distance: 491 ft or 150 m
Which learning pathway did your STEAM Learning Experience fit into?

bit.ly/3m7BRG4

Or

https://ideaboardz.com/for/Brooks/3476280
Discussion

In what ways are you already using *Guide on the Side* strategies for your library programs?
Discussion

How can you be a Guide on the Side with virtual programs?

What ideas, suggestions, or tips do you have to increase interactivity?
Discussion

What ideas do you have for incorporating art into your virtual STEAM programs?
Thank you!

Any questions?