

Resource Overview for “A Universe of Stories”

12/18/2018

Presenters: Brooks Mitchell (STAR Net) and Anne Holland (STAR Net)

The webinar will begin at 2:00 p.m. (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
- 3) Click audio “Join by Computer” – you won't have microphone access

Poll Question

- What kind of library do you work for?
(YouTube Audience: Answer in the Chatbox!)
 - Public
 - State
 - School
 - Academic
 - Other

Poll Question

- What age groups do you work with? (multiple)
 - Infants
 - Pre-K
 - Early Elementary
 - Upper Elementary
 - Tween
 - Teen
 - Adult
 - Senior
 - Other

Poll Question

- **Favorite Holiday Movie?**
 - Elf
 - Home Alone
 - Christmas Story
 - Polar Express
 - Miracle on 34th Street
 - It's a Wonderful Life
 - Die Hard
 - Other

Today's Agenda

1. Introduction and Reminders
2. STAR Net Background
3. STAR Net / NASA / CSLP Resource Dump!
4. Webinar Announcements!

A full-page background image of an astronaut in a white spacesuit standing on the lunar surface. The astronaut is facing left, with their back to the camera. To the left of the astronaut, an American flag is planted in the ground. The lunar surface is covered in dust and rocks, with a series of boot prints visible in the foreground. The sky is a deep black.

What's Next?

Universe of Stories

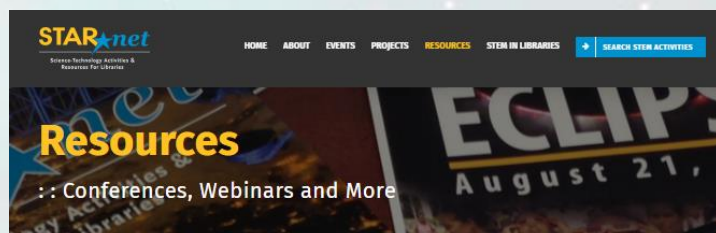
Summer 2019

NASA@ My Library and *STAR Net* are partnering with the Collaborative Summer Library Program to support 16,000 libraries.

Please join us!!

Join STAR Net!

www.starnetlibraries.org




Professional development
resources, including webinars,
newsletters, blogs, forums, videos,
and much more!

Curated Resources For Professional Development


Building the capacity of public libraries and library staff to deliver engaging, inspirational, and educational STEM programs has the potential to transform the STEM education landscape across the country. What started in libraries some years ago as independent experiments in STEM programming has become a national STEM movement.

Across the country, libraries are redefining their roles. They're becoming primary centers of informal learning, especially STEM learning. And this critical transition is being carried out by many dedicated librarians. To help them, the STAR Library Education Network (STAR_Net) is providing resources to support their efforts to develop new skills and provide quality STEM programming.


Collaboration is the key to transforming libraries into STEM learning centers




Conferences




Webinars




Newsletters




Online Forums




STAR_Net Blog




2017 Solar Eclipse



Exhibition Posters



Books, Videos & More!



Guides, Facts & Tips

Recent Blogs

- Watercraft Design
- The Dirt on Soil
- Do You Have Your Solar Eclipse Glasses? Great - Now Try Them Out!

Upcoming Events

- Discover NASA Exhibition (AZ)
May 3 - July 28
- Summer Learning - Build a Better World
May 15 - August 31
- Discover Tech Exhibition (CO)
May 31 - August 25

[View All Events](#)

STEM ACTIVITY Clearinghouse

For example:
[DIY Sun Cookies](#)

STEM Activity Clearinghouse

Search

STARnet Science-Technology Activities & Resources For Libraries

CS Cornerstones of Science awakening curiosity, enriching lives

Collections 2017 Total Solar Eclipse

ATTRIBUTES

2017 TOTAL SOLAR ECLIPSE

There are 7 items.

Showing 1 - 7 of 7 items

Content Area

- ☐ Earth Science (0)
- ☐ Astronomy and Space (0)
- ☐ Chemistry (0)
- ☐ Physics (0)
- ☐ Engineering (0)
- ☐ Mathematics (0)
- ☐ Technology and Computing (0)
- ☐ Health Science (0)

Age Group

- ☐ Family (0)
- ☐ Infant (0-2) (0)
- ☐ Pre-K (0)
- ☐ Early Elementary (0)
- ☐ Upper Elementary (0)
- ☐ Tweens (9-12) (0)
- ☐ Teens (0)
- ☐ Adults (0)

Time to Complete Activity

- ☐ Under 10 minutes (0)
- ☐ 10-20 minutes (0)
- ☐ 20-40 minutes (0)
- ☐ 40 minutes to 1 hour (0)
- ☐ 1-2 hours (0)
- ☐ 2-4 hours (0)
- ☐ Long Duration (days to months) (0)

How Big, How Far, How Hot, How Old?

This is an activity about scale. Participants will arrange imagery of Earth and many other space objects in order of their size from smallest to largest, their distance from Earth's surface, their temperature from coolest to hottest, and/or their age from youngest to oldest.

[Open Activity](#) Report broken link

Content Area
Earth Science
Astronomy and Space

Age Group
Family
Upper Elementary
Tweens (9-12)

Time to Complete Activity
10-20 minutes

Difficulty Level (by content)
Medium

[View Details](#)

How Can the Little Moon Hide the Giant Sun?

This is an activity exploring the concept that distance affects how we perceive an object's size, specifically pertaining to the size of the Sun and the Moon as seen from Earth.

[Open Activity](#) Report broken link

Content Area
Earth Science
Astronomy and Space

Age Group
Early Elementary
Upper Elementary

Time to Complete Activity
40 minutes to 1 hour

Difficulty Level (by content)
Easy



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!**

Overview of the STAR Library Network

STAR★net

Science-Technology Activities &
Resources For Libraries

STARCHIEF



SPACE
SCIENCE
INSTITUTE

NCIL

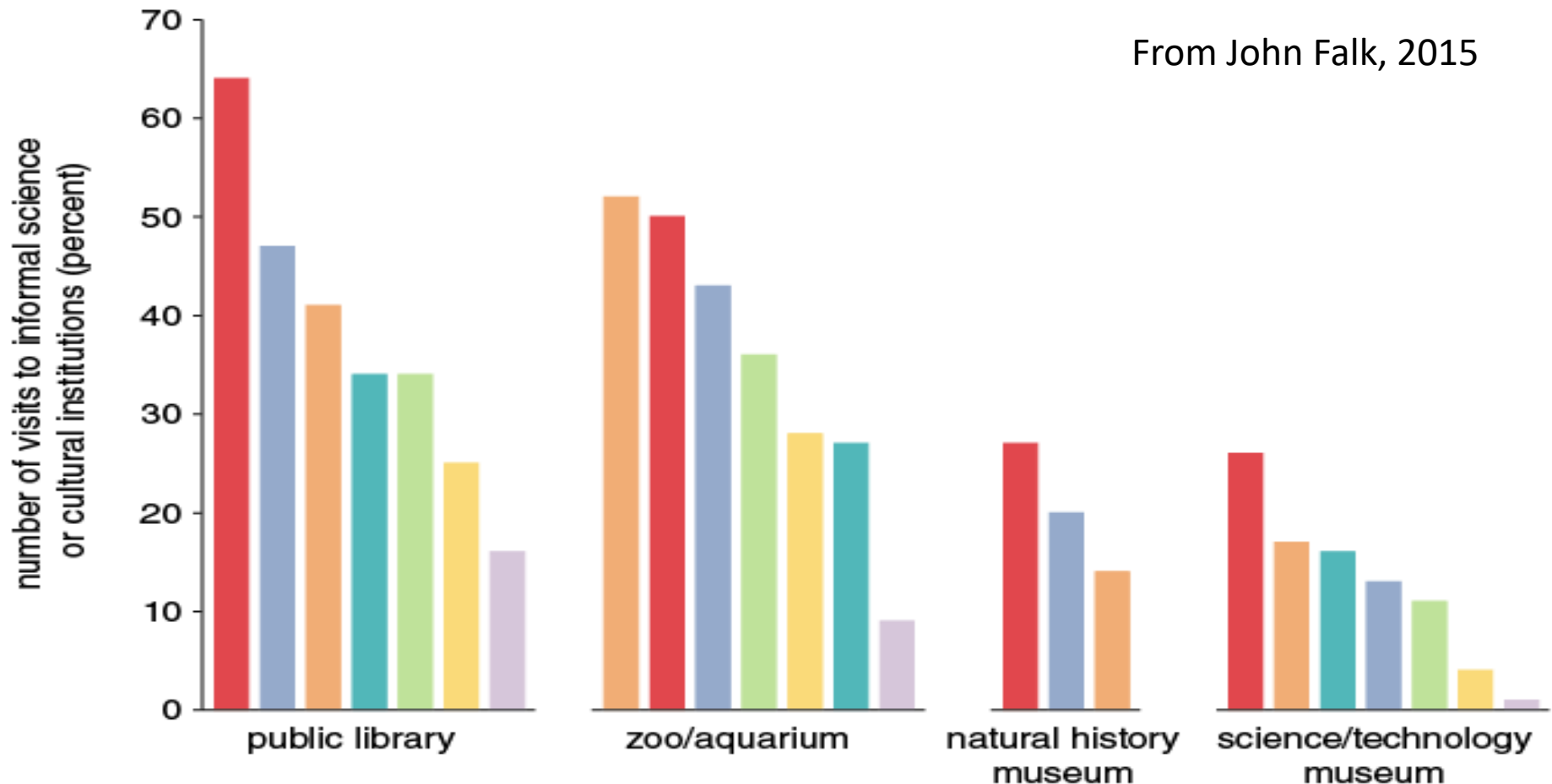
National Center for
Interactive Learning



Use of Informal Science Venues



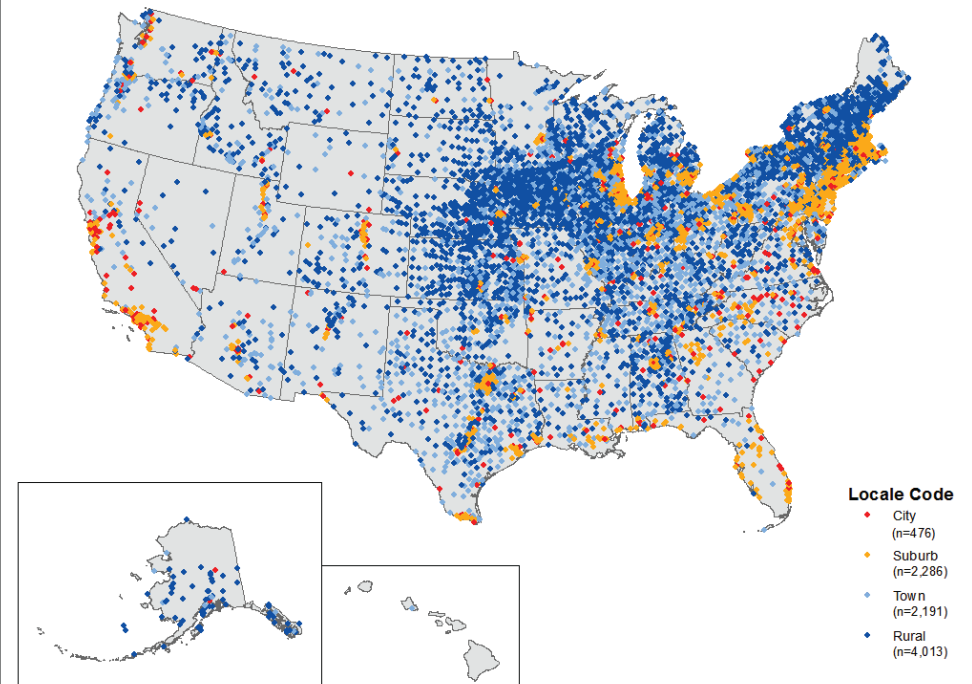
From John Falk, 2015



77% of public libraries serve populations of less than 25,000 people

- 16,000 library locations
- 1.5 billion visits per year
- Latinx Use: 72%
- African-American Use: 69%

Figure N-1. Public Library Administrative Entities in the United States, Fiscal Year 2014



Source: Public Library Survey, FY 2014. Institute of Museum and Library Services



STAR Net Project Stats

- Over 1.5 million patrons have visited *STAR Net* exhibitions
- Over 200,000 patrons have attended *STAR Net* programs
- Over 8,000 members have joined the *STAR Net* Online Community

STAR^{net}

Science-Technology Activities &
Resources For Libraries

To learn more, visit us at:

www.starnetlibraries.org



Hands-on Programs



Professional Development

STEM Exhibits



This helped partners
in the community see that
libraries can do STEM.
We can be experts,
and we can support you.

-Ypsilanti District Library

STAR^{net}
Science-Technology Activities &
Resources For Libraries

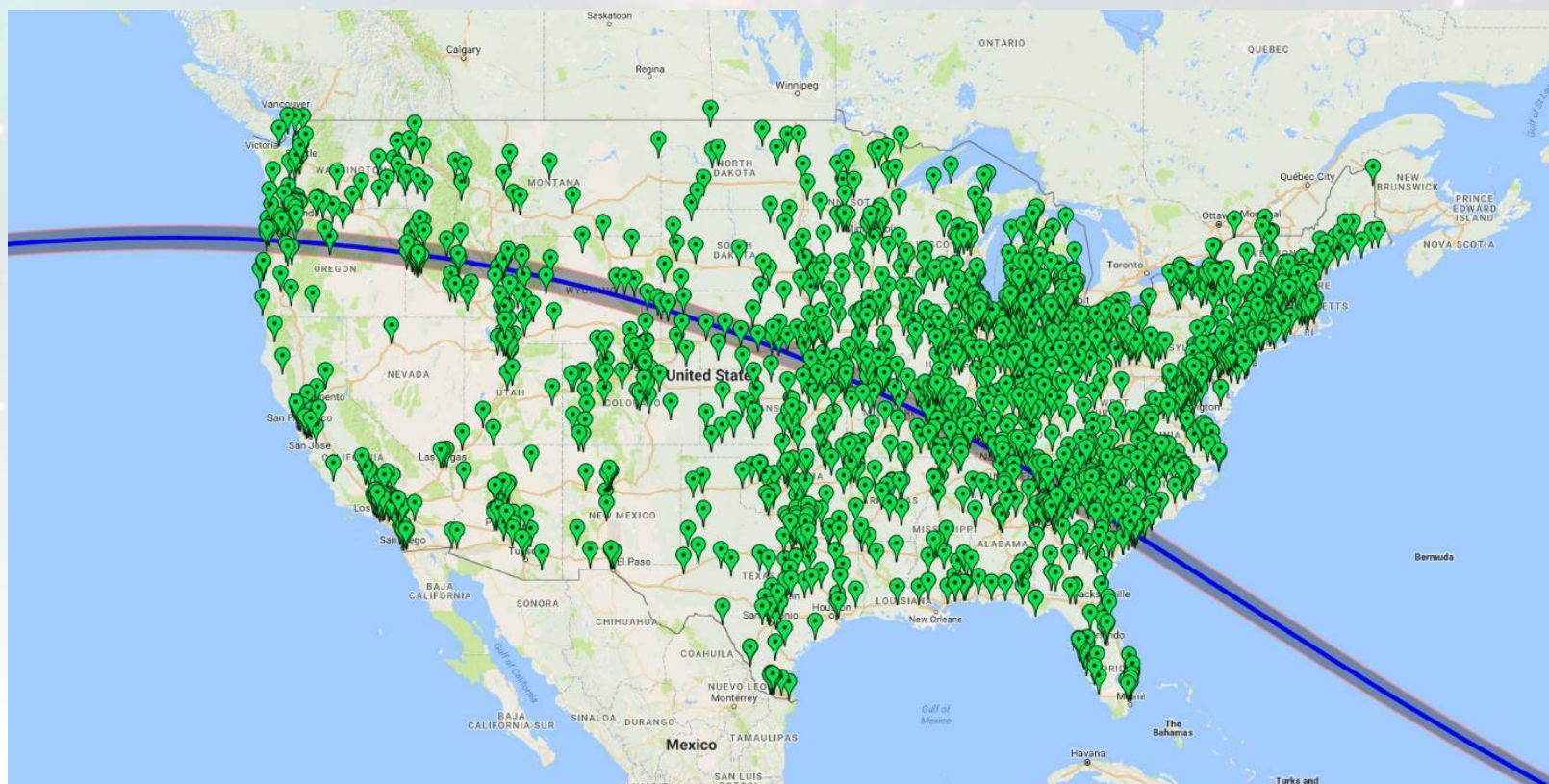


NCIL
National Center for
Interactive Learning

STAR^{net} is a production of the Space Science Institute's National Center for Interactive Learning in collaboration with the American Library Association and the Afterschool Alliance. Major funding is provided by the National Science Foundation, NASA and the Institute of Museum and Library Services.



The 2017 Solar Eclipse Event





How Can We Help YOU?

- What are you most nervous about for 2019 summer reading?
- What are you most excited about?

How Can We Help YOU?

- Which program do you need the most assistance with?
 - Early childhood
 - Children
 - Teen
 - Adult

How Can We Help YOU?

- Have you planned any programs already? Please share!

How Can We Help YOU?

- What resources would be valuable from NASA?
- Multimedia resources?
- Activity guides?

How Can We Help YOU?

- What are some webinar themes/topics that you would like to see in the future?

FREE STAR Net Resources

(take a picture of this slide!!)

175+ Activities Specifically for #STEMINLIB

<http://clearinghouse.starnetlibraries.org/>

**Upcoming and Archived Professional Development
Webinars**

<https://www.starnetlibraries.org/resources/webinars/>

Monthly Newsletter

<https://www.starnetlibraries.org/resources/newsletters/>

Upcoming STEM Events

<https://www.starnetlibraries.org/upcoming-events/>

**STAR Net Blog (for library staff and written
by library staff!)**

<https://www.starnetlibraries.org/blog/>

Partnership Resources

<https://www.starnetlibraries.org/stem-in-libraries/collaboration/partnership-opportunities/>

Community Dialogue Resources

<http://www.starnetlibraries.org/resources/community-dialogues/>