

Craft, Engineer, and Make & Take Activities for “A Universe of Stories”

Presenters: Brooks Mitchell (STAR Net) and Keliann LaConte (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

- Find the toolbar – it will either be on the bottom or top of your Zoom window. From here, you can pull up features like “Poll”, “Chat”, and “Q&A”
- Default is “Active Speaker” ... whoever is talking will be displayed primarily. Recommended speaker view.
- Layout when screensharing
- Help: <https://goo.gl/eF1Jgv>

When you are viewing a screenshare, you can view the screen share with active speaker or gallery view at the top of your screen or in Side-by-Side Mode. [Read more about Side-by-Side Mode.](#)

1. Click the swap icon at the upper right corner of the Zoom window to switch the content for the video feed.



2. Click the icon at the upper right to swap it back or click **Switch to Sharing Content.**



3. Click **View Options**, then **Side-by-Side Mode** to switch into Side-by-Side Mode.

Today's Agenda

- 1. Introduction and Reminders**
- 2. STAR Net Overview**
- 3. Hands-on Activity: Make a CD Saturn**
- 4. Hands-on Activity: Star Power**
- 5. Hands-on Activity: Make a Sundial**
- 6. Hands-on Activity: Touchdown**
- 7. Q&A**

Poll Question

- **What of these tools was in the Apollo survival kit?**
 - **Crowbar**
 - **Hammer**
 - **Axe**
 - **Machete**

Link: goo.gl/qLkHfh

Poll Question

- Have you signed up for the “Summer of Space” yet?

A photograph of an astronaut in a white spacesuit standing on the lunar surface. The astronaut is wearing a large white backpack and is looking towards the left. In the background, an American flag is planted in the ground. The lunar surface is covered in dust and rocks, with a dark horizon line in the distance.

What's Next?

Universe of Stories

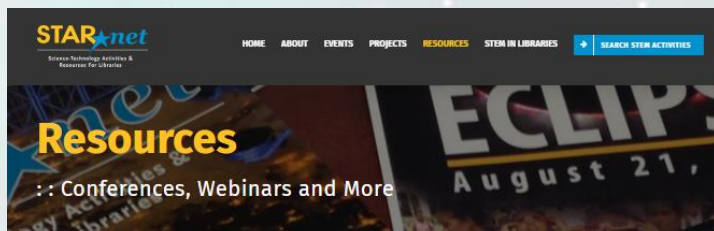
Summer 2019

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](#)

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/>

STEM ACTIVITY Clearinghouse

For example:
[DIY Sun Cookies](#)

STEM Activity Clearinghouse

STARnet Science-Technology Activities & Resources For Libraries

CS Cornerstones of Science *Awakening curiosity, enriching lives*

Search

2017 Total Solar Eclipse

2017 TOTAL SOLAR ECLIPSE There are 7 items.

Showing 1 - 7 of 7 items

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
Twins (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!**

Poll Question

- Have you signed up for the “Summer of Space” yet?