

Bringing the Stories of the Skies to Your Library

April 9, 2020

The webinar will begin at 1:00 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 (**please select Share with “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

Resource Sheet:

<https://bit.ly/34IWSFB>

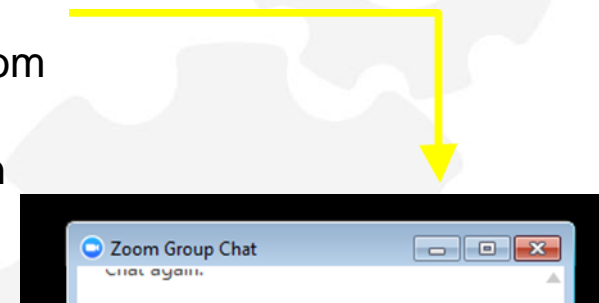
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Webinar ID: 928 879 002

If you find the chat feature distracting,

- Click on the chat feature at the bottom of your screen to open it
- Move it to the bottom of your screen



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”
- There are hundreds of us in this webinar. Please be courteous and patient!
- We are all working from home: tech problems may happen!
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Today's Agenda

- **Welcome and Introductions**
- **Cultural Sky and Constellation Stories (Christine Shupla, LPI)**
- **Virtual Programs (Elizabeth Nicolai, APL)**
- **Night Sky Viewings**
- **Chatbox Discussion**

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Poll Question

- What's the hardest part about working from home?
 - Pets
 - Kids
 - Spouses
 - Proximity to the kitchen
 - All of the above

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Facilitator Introduction

April 9, 2020

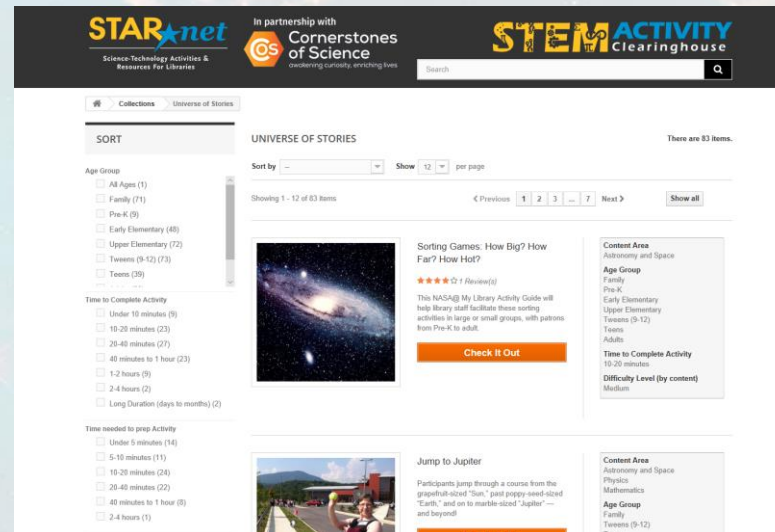
- **Brooks Mitchell** (Space Science Institute / STAR Library Network)
- **Claire Ratcliffe** (Space Science Institute / STAR Library Network)
- **Christine Shupla** (Lunar and Planetary Institute)
- **Elizabeth Nicolai** (Anchorage Public Library)

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STEM ACTIVITY Clearinghouse

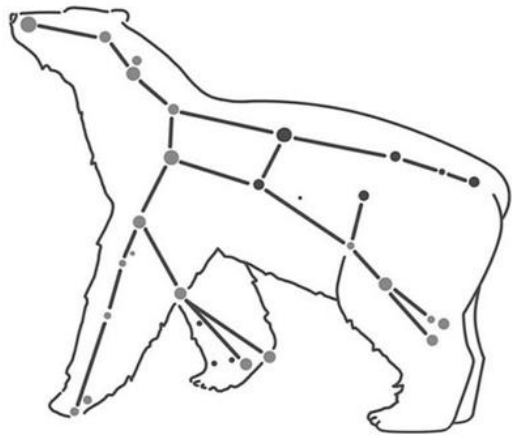


Like an activity and think other library staff should know how great it is? Didn't like an activity or have modifications to make it better? [Make sure to leave a review!](#)



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 Liter of Light @ 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 Kralik, 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](#)



STEAM Ahead @ Home Survey

In order to provide the most effective online resources for this newsletter, we have created a short survey to collect input on how your library is currently functioning and what your needs might be. If you haven't completed our survey, please taking a few moments so we can determine how to best serve your library and its community during this unprecedented time.

Survey link: <https://www.surveymonkey.com/r/2DKBYG5>

Upcoming Webinars

starnetlibraries.org/resources/webinars

(launching later this week!)

STAR Net Social Hour 1

Tuesday, April 21st at 11 am Mountain Time

Facilitators: Brooks Mitchell and Stephanie Vierow-Fields

STAR Net Social Hour 2

Wednesday, April 22nd at 2:30 pm Mountain Time

Presenters: Anne Holland and Claire Ratcliffe

Storytelling Resources



The Myths, the Magic, and the Mysteries of the Universe



www.lpi.usra.edu/education/skytellers

Ten Native American myths and legends investigate the reason for day and night, why we have seasons, the origin of the stars and other wondrous phenomena of our night sky. Each narrative is accompanied by the story that scientists tell today. The stories told by Native American Master Storytellers and a Native American Astronaut are available as video or sound files.

The Native American stories intentionally are presented without any graphics. Program facilitators are encouraged to invite the children to use their imaginations. The science stories have a few, carefully selected, illustrations to help the children understand the concepts presented.

Storytelling Resources



The Myths, the Magic, and the Mysteries of the Universe

Files available for download until **May 15, 2020**. You may use, copy, or share them, but the storytellers have asked that you not make any edits to them.

Videos 1-4 (Day and Night, Seasons, Moon Phases, and Meteors):

<https://transfer.hou.usra.edu/message/Eqf9YKJV9cn9RLUmiipPki>

Videos 5-8 (Sun, Stars, Galaxies, and Constellations):

<https://transfer.hou.usra.edu/message/s70QL2KGITyTtSX8QUS36o>

Videos 9-10 (Polaris and Solar System):

<https://transfer.hou.usra.edu/message/Br3H7ZhreqLGZ2hsaFZ4YT>

Audio files: <https://transfer.hou.usra.edu/message/SLh4UJqa8rCscNzVg2fpH1>

The Vanishing Sun: Eclipse Tales from Around the World

www.lpi.usra.edu/education/explore/eclipse

These multi-cultural eclipse folktales were recorded for a variety of ages and audiences by professional storytellers Cassandra Wye and Fran Stallings at the request of the Lunar and Planetary Institute. The storytellers learned these stories from a variety of people and obtained their permission to tell these stories, sometimes traveling great distances to do so. Although the stories may have humorous elements, our intent is to respect the cultures of origin and their traditions. We ask that discussions of the stories incorporate this respect.



World Tales of the Moon

www.lpi.usra.edu/education/explore/marvelMoon/tales



There are hundreds of stories about the Moon and its appearance; some are sacred myths, and others are folktales old and new shared for the simple joy of the tale. Listen to 5 stories by professional storytellers.

Moon Stories from Around the World

nightsky.jpl.nasa.gov/download-view.cfm?Doc_ID=642

There are as many stories about the patterns on the face of the Moon, as there are cultures who have observed them. Have you ever seen the Man in the Moon? Discover a variety of characters seen by cultures around the world, and create your own. Seven stories printed on cards and an invitation to create your own story.



Constellation Stories

There are a variety of sites with stories about the different constellations:

<http://comfychair.org/~cmbell/myth/myth.html>

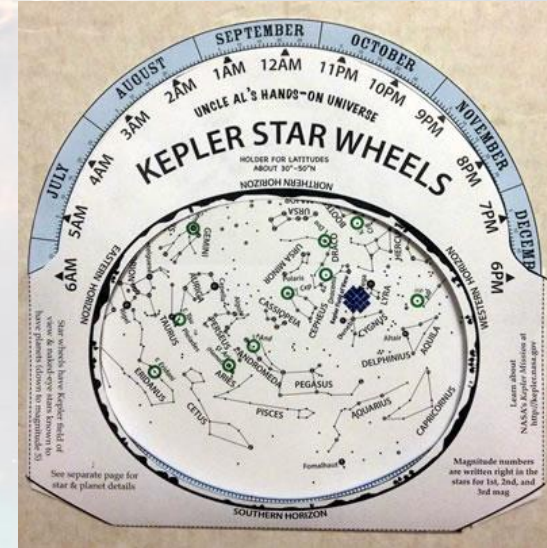
<http://www.windows2universe.org/mythology/stars.html>

Activities Resources

Make a SkyWheel

If you'd like to have your patrons make their own constellation wheel, you can download the files from

www.lawrencehallofscience.org/do_science_now/science_apps_and_activities/star_wheels



Draw Your Thoughts

www.lpi.usra.edu/education/skytellers/constellations/activities/conclusions/

Ask the children to think about the stories they just heard. Invite them to illustrate the story, or to create and illustrate their "own" story. Consider using paint, tissue paper, glue, scissors, to make mosaics, mobiles, or sculptures.



ANCHORAGE PUBLIC LIBRARY

Virtual Programming

Anchorage Public Library - fast facts

- 5 locations
- 300,000 population
- Area the size of Delaware
 - Urban & Rural at the same time
- 9 full time youth librarians
- Main issues facing us for virtual programs
 - 100+ languages
 - Poor connectivity
 - Unequal access to technology
 - Our own technology (at home & in the library)
 - Copyright Issues
 - Accessibility





Digital Storytime Tips

- Why virtual storytime?
 - Familiar & Loved
 - Comfort in seeing “your people”
- Stable place for filming (a tripod or laptop on a steady surface)
- Someone else to manage live comments if you allow those
 - Zoom bombing
 - Facebook trolls



Digital Storytime Tips

- Look for copyright, acknowledge and be aware of recordings
 - Authors can't give copyright permission
 - Check with publishers (SLJ article)
 - Email if you're unsure! (Look for "permissions" on their webpage)
 - How long can you leave the recording up?
- Do a practice run!
- Now is the time for those long books!
 - The good: you can't see the audience squirm
 - The bad: you can't see their energy
 - The surprising: older children than we are used to!
- Create interaction:
 - Ask your public to share images of them watching storytime!
 - Use comments, polls, etc to get responses and say hello
 - Zoom storytime - singing together, annotating screens.

Digital Storytime Tips

- Go slower!
- Acknowledge the situation
 - Jbrary - handwashing song
 - “At home branch”
- Promote resources people can access
 - ebooks
 - Retelling stories
- Create a follow up graphic! (Activity idea, lyrics of a song, etc)
 - This lets people continue to engage and gives them a take away.
- Accessibility (including but not limited to captioning)
 - Facebook creator studio can add captioning
 - Alt text on still images (like my follow up graphics)



Boing Boing Squeak

Boing Boing Squeak

A bouncing mouse is in the house

He's been there for a week

He bounced from out of nowhere

And quickly settled in

I'm grateful that he came alone

I've heard he has a twin

He bounces in the kitchen

He bounces in the den

He bounces in the living room

OOPS! There he goes again!



Twinkle, twinkle, northern lights

Shimmer in the arctic night

Up above the clouds so high

Blue green ribbon in the sky

Twinkle, twinkle, northern lights

Sparkle in my dreams tonight

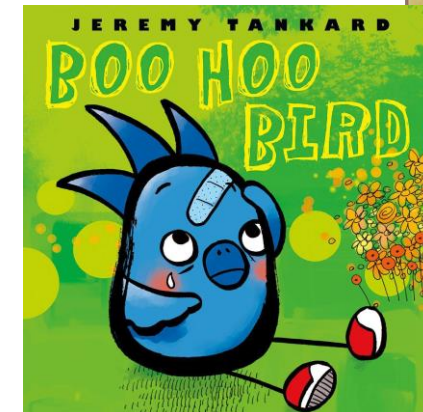
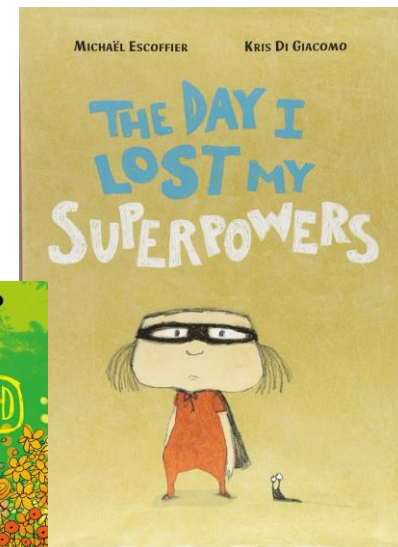
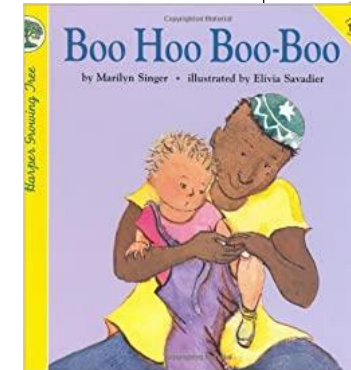
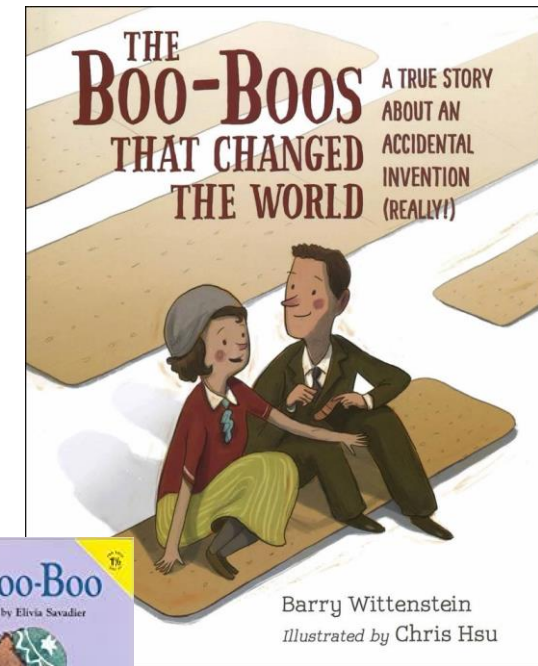


STEAM based storytime ideas

Bandaids/Injury/Health storytime

- *The Boo Boos That Changed the World* by Wittenstein
 - Publisher is Charlesbridge - email them
- *The Day I Lost my Superpowers* by Escoffier
- *Boo Hoo Boo-Boo* by Singer
- *Boo Hoo Bird* by Tankard

Talk about inventions! Creative ways people are helping now such as 3D printers to make face shields and ventilator parts and people with sewing machines making masks.



Owie Song (to the tune of Frere Jacques)

Where is your owie? Where is your owie?

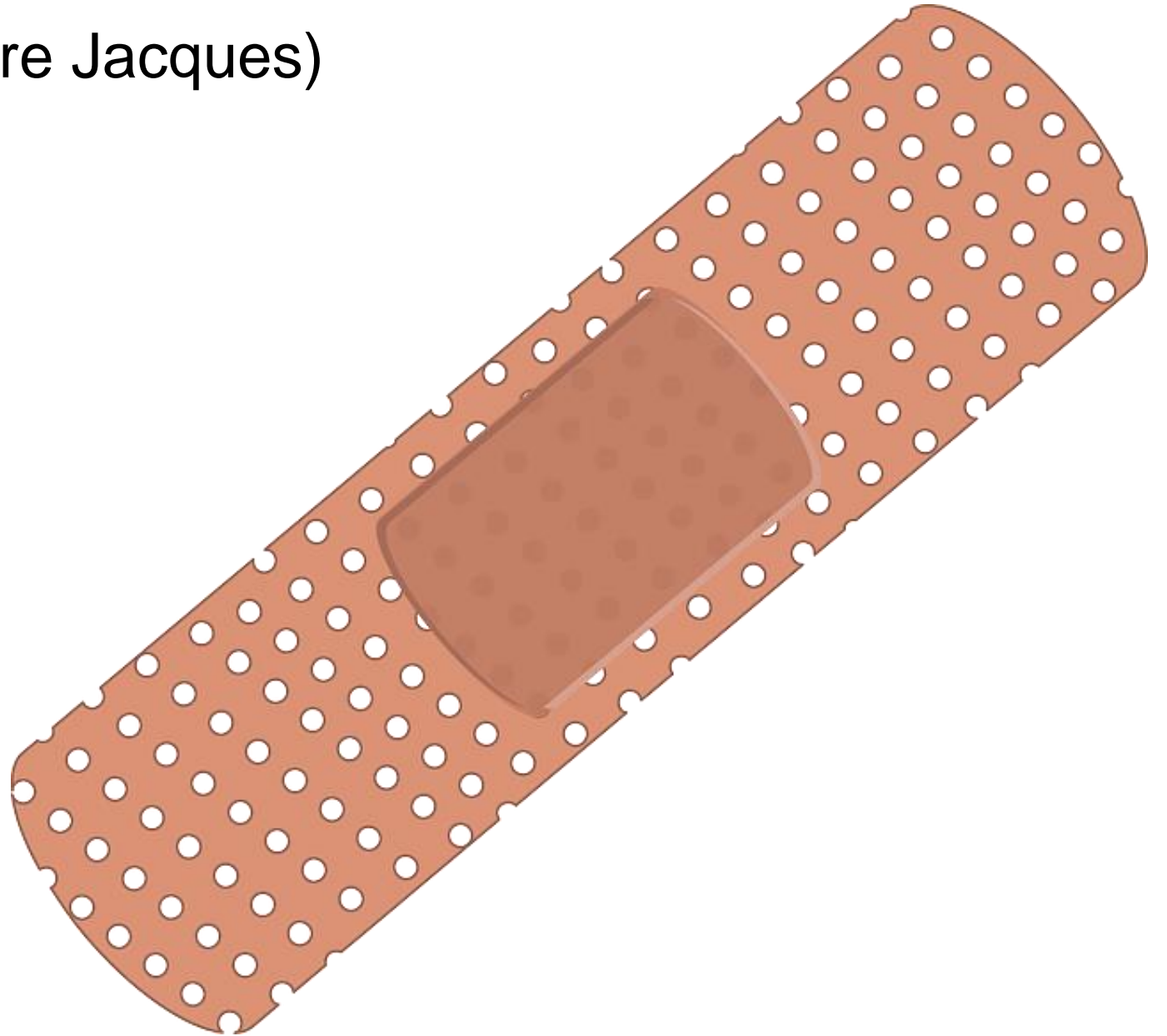
On your knee! On your knee!

Wash it, wash it wash it! Wash til it's clean!

Then band-aid! Then band-aid!

(repeat with other places for owies.)

(I use a dolly to show off owies!)



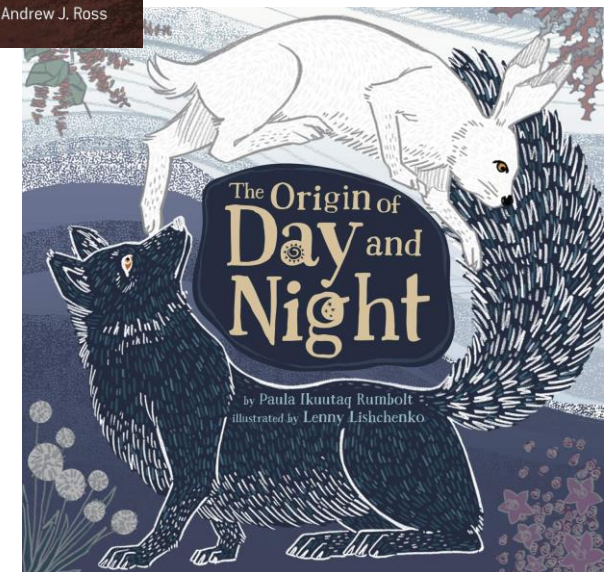
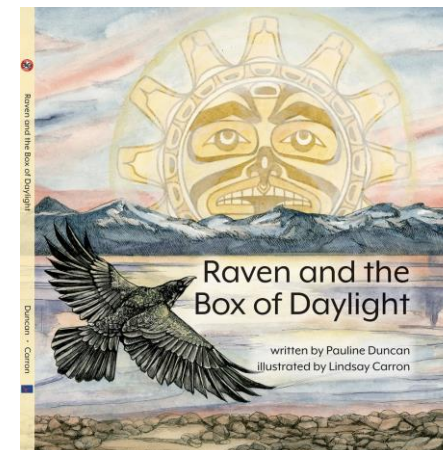
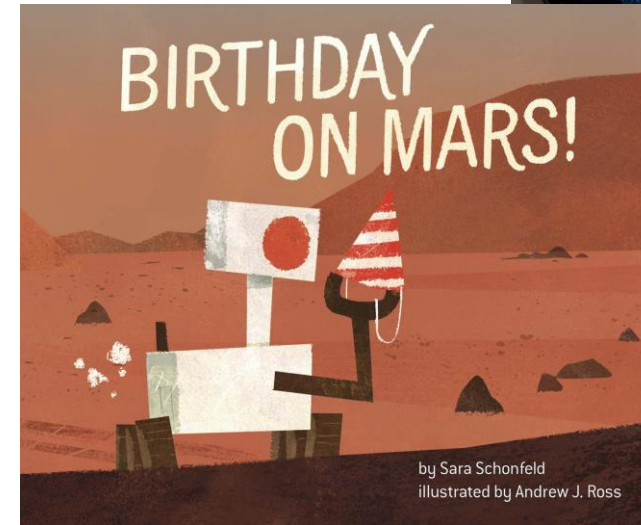
STEAM based storytime ideas

Stars & Sky storytime: non-fiction

- *Star Stuff: Carl Sagan and the Mysteries of the Cosmos* by Sisson
- *Birthday on Mars* by Schonfeld
 - Great connection: talk about being physically distant & socially connected

Native & First Nations stories

- *The Origin of Day and Night* by Rumbolt (Inhabit Media)
- *Raven and the Box of Daylight* by Duncan (SEAlaska Heritage)



Virtual Comic Contest

- Be aware that everyone is overloaded
 - A firehose of resources and we all have a straw
 - Virtual schooling applied unevenly
 - Intentionally not COVID related
- Worked with locals
 - Comic book artist for prompts & judging
 - Comic shop owner for prizes (which we will mail eventually)
- Process
 - Prompts go up Monday
 - Comics due by the next Monday
 - Winners announced 2 to 4 days later
- Other benefits
 - Make prompts science related
 - Coaching by the comic artist



Summer 2020? Where do we go from here?

- Online summer reading programs
 - Beanstack, Great Reading Adventure, READSquared
 - PDFs of logs
- Canceling in person programs & festivals
 - May kick off cancelled
 - Performers for June cancelled
 - Debating July
- Can we do social distance out in the world programs?
 - Storywalks or Jump to Jupiter (recycle campaign signs)
 - Teddy bear hunts in neighborhood windows!
 - Social media content (ie pet photo contest) for a passive program
- How do we count attendance for virtual programs?
 - 1 minute video views



Virtual Program Discussion

Live vs. Pre-recorded?

What other things have you done to make a storytime interactive? (i.e. puppets, patrons drawing along)

Virtual Night Sky Viewing Opportunities



Night Sky Viewing

Live Sky Presentations

- Invite your patrons to step outside and discuss what they see with you
- Start with easy-to-find objects (the Moon, Venus), then direct attention to nearby features
- Use a small telescope or binoculars to SAFELY project the Sun and share it during a videoconference
 - Do not put your hand, arm, or face in front of the eyepiece or in front of the finder scope
 - Use the shadow of the telescope to help point it towards the Sun

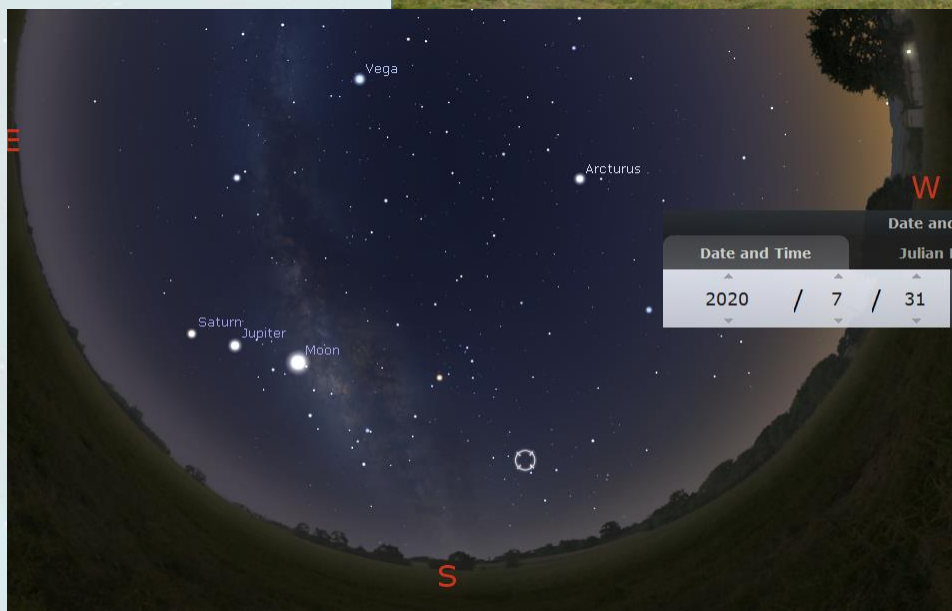
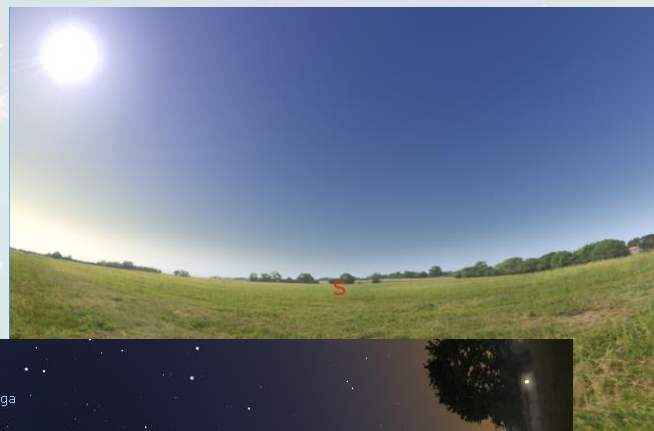


Cloudy? give a virtual night sky presentation, using a program like Stellarium

Night Sky Resources

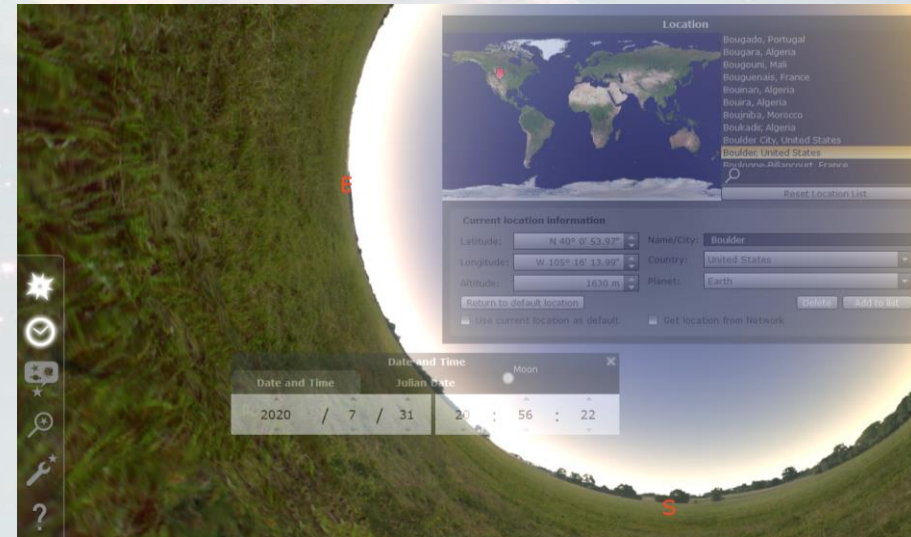
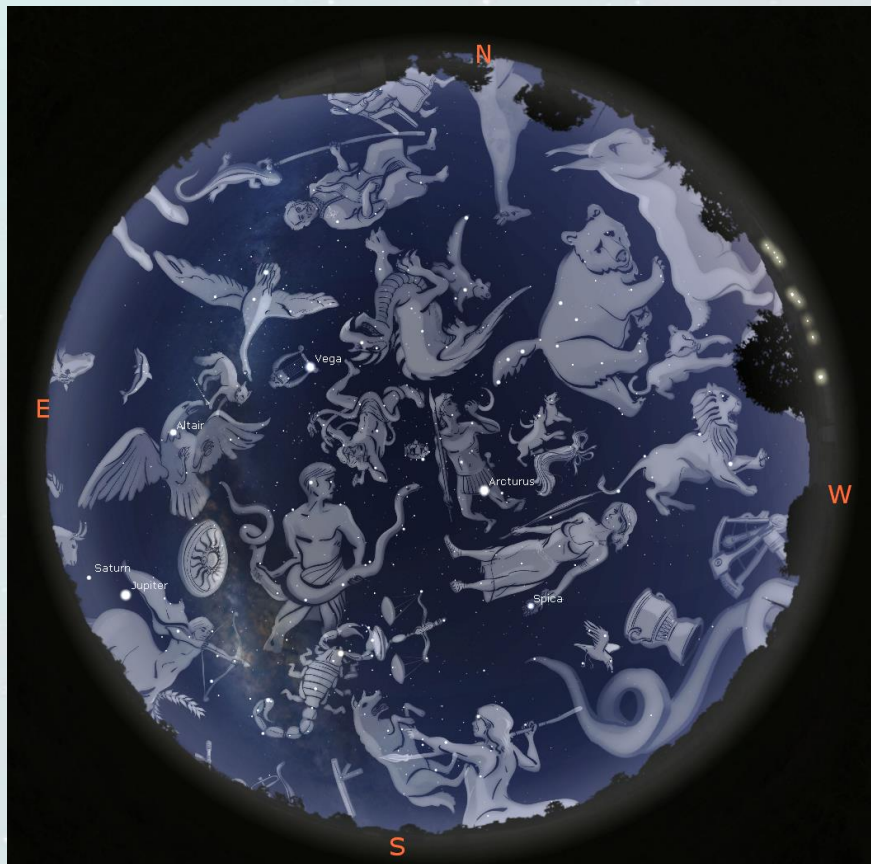
Stellarium is a free open source planetarium for your computer. It shows a realistic sky in 3D, just like what you see with the naked eye, binoculars or a telescope.

stellarium.org



Night Sky Resources

Change the location, date, time
Show constellations and art



Other Night Sky Resources

Apps

- Night Sky Lite
- SkyView free
- SkySafari
- Others?

Contact your local planetarium

A compendium of planetariums is available at <https://www.lochnessproductions.com/lfco/lfco.html>.

Hands-on STEAM...at home!



SciGirls Star Power

In this maker activity, participants use a shoe box, constellation template, and flashlight to shine a star pattern on a wall. An additional maker project demonstrates the importance of reducing light pollution.

[Open Activity](#)[How-to Video](#)[Write a review](#)

Content Area
Astronomy and Space

Age Group
Family
Upper Elementary
Twins (9-12)

Time to Complete Activity
40 minutes to 1 hour

Time needed to prep Activity
10-20 minutes

Cost associated with Activity Materials
\$1-\$5

Difficulty Level (by content)
Easy

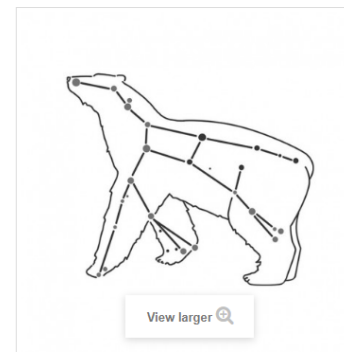
Mess Level
Low

[Report a broken link](#)[Categorized Incorrectly? Let us know!](#)

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[Print](#)



Sky Heroes: An Activity Reinventing the Constellations

Participants celebrate their heroes by creating connect-the-dot star patterns to represent them.

[Open Activity](#)

Rating ★★★★★

Participants Enjoyed the Activity ★★★★★

Participants Learned from This Activity ★★★★★

Activity Instructions Were Clear and Easy to Follow ★★★★★

Would Recommend ★★★★★

[Read reviews \(1\)](#)

[Write a review](#)

[Tweet](#) [Share](#) [Google+](#) [Pinterest](#)

[Send to a friend](#)

[Print](#)

Content Area
Astronomy and Space

Age Group
Family
Upper Elementary
Twins (9-12)

Time to Complete Activity
40 minutes to 1 hour

Time needed to prep Activity
10-20 minutes

Cost associated with Activity Materials
\$0 ("found" items)

Difficulty Level (by content)
Easy

Mess Level
Low

[Report a broken link](#)[Categorized Incorrectly? Let us know!](#)

Poll

What STEAM programs have you been planning for summer 2020? (Select all that apply)

Answer 1: Night Sky Viewings

Answer 2: STEAM Storytimes

Answer 3: Hands-on Activities

Answer 4: Programs with Subject Matter Experts

Answer 5: Virtual programs

Answer 6: STEAM crafts

Answer 7: Make and Take programs

Answer 8: Other (say in chat box)

Group Discussion

How does STEAM fit into the new/adapted services at you are now offering at your library?

Group Discussion

What ideas do you have for adapting your summer programming?

Group Discussion

How can STAR Net best support you during this time?