

Bringing “A Universe of Stories” To Your Library

10/23/2018

Presenters: Brooks Mitchell (STAR Net) and Luke Kralik (CSLP)

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
- 3) Click audio “Join by Computer” – you won't have microphone access

Poll Question

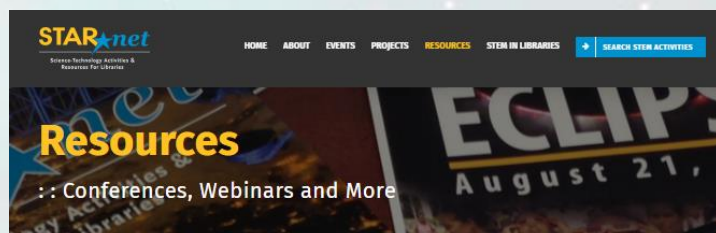
- How far above Earth does the International Space Station orbit?
- 28 miles
- 200 miles
- 1200 miles
- 4000 miles

Today's Agenda

1. Introduction and Reminders
2. Luke Kralik of CSLP
3. STAR Net – CSLP Resources
4. Example Program – Mars InSight Landing
5. Feedback from YOU: How Can We Help?

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!**

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/>

Upcoming Conferences

www.starnetlibraries.org/resources/conferences

- **New Mexico Library Association Conference Pre-Conference**
 - 10/31
- **Young Adult Library Services Association (YALSA)**
 - 11/2 – 11/4

Subscribe to Our YouTube Channel!

<https://www.youtube.com/channel/UCAITEzl-kWDOOrWf6-GBvpYQ>

(...isn't that a long URL? We need YOUR help to make it easier to remember!)

- **How-to Videos**
- **Webinar Recordings**
- **NASA Mission Videos**
- **Kid-friendly Video Clips of REAL Engineers and Scientists in action**

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www.starnetlibraries.org/resources/conferences

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Luke Kralik

Organizational Coordinator

Collaborative Summer Library Program

Luke.Kralik@cslpreads.org

Quick Introduction to CSLP

Collaborative Summer Library Program



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What is CSLP?

Mission:

We empower libraries to foster community.

CSLP Vision:

We collaborate with libraries to create an inclusive literacy based program that is enjoyable for all ages, provide a reproducible program with a unified theme, share resources and offer professional support.



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Our History

CSLP began in 1987 when ten Minnesota regional library systems developed a summer library program for children, choosing a theme, creating artwork, and selecting incentives that public libraries in the regions could purchase and use. State libraries and systems continue to join and CSLP continues to evolve, but its guiding principle remains the same: librarians sharing ideas, expertise, and costs to produce a high-quality summer reading program for children, teens, and adults.



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CSLP Today

- Volunteers, who then recruit others, have sustained this organization for nearly 30 years.
- Hundreds of professionals donate their expertise to develop the theme, select the artist, research and develop literature-based programs for all ages.
- 16,000 public libraries in 50 states, Bermuda and five territories participate in the program.



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A UNIVERSE OF STORIES UN UNIVERSO DE HISTORIAS

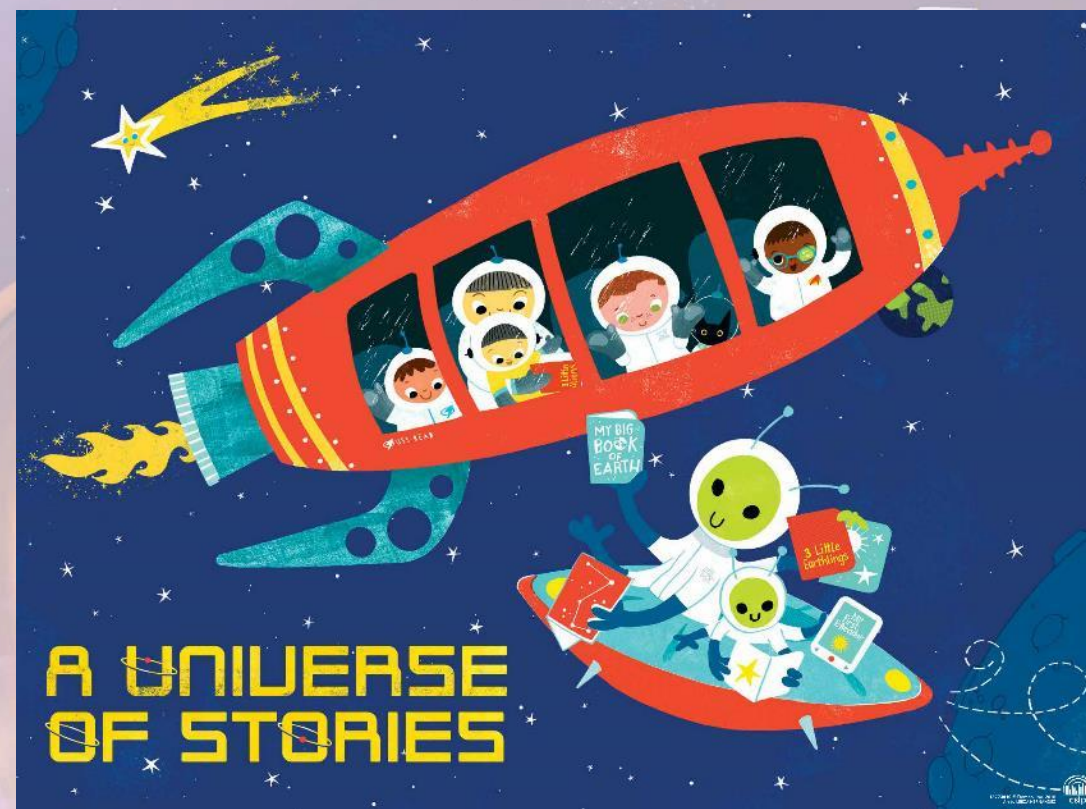
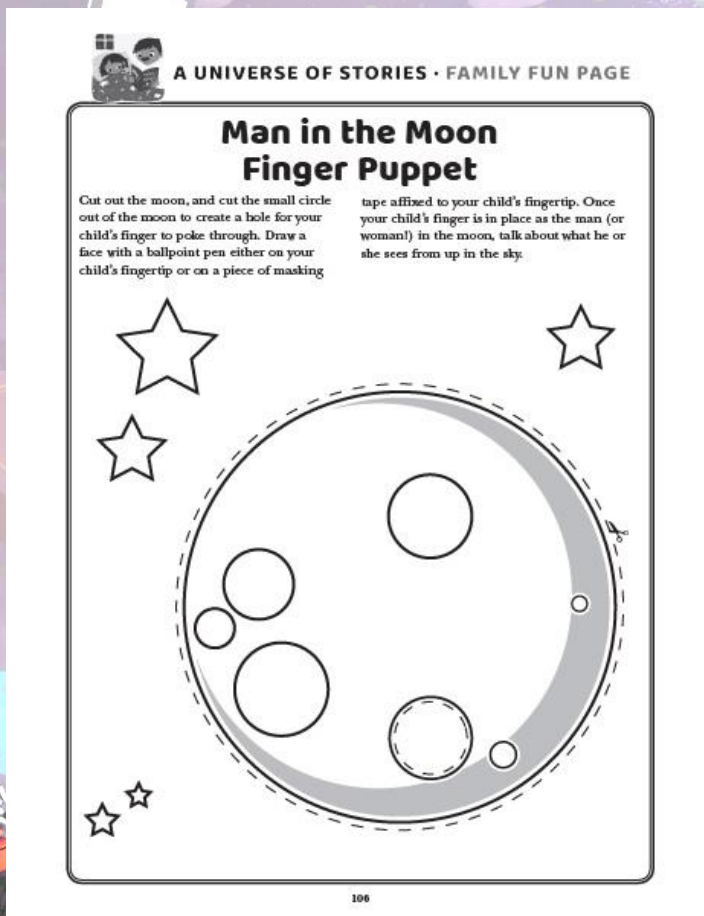
2020: *"Imagine Your Story"* (Fairy Tales/Mythology/Fantasy)

2021: *"Tails and Tales"* (Animals)



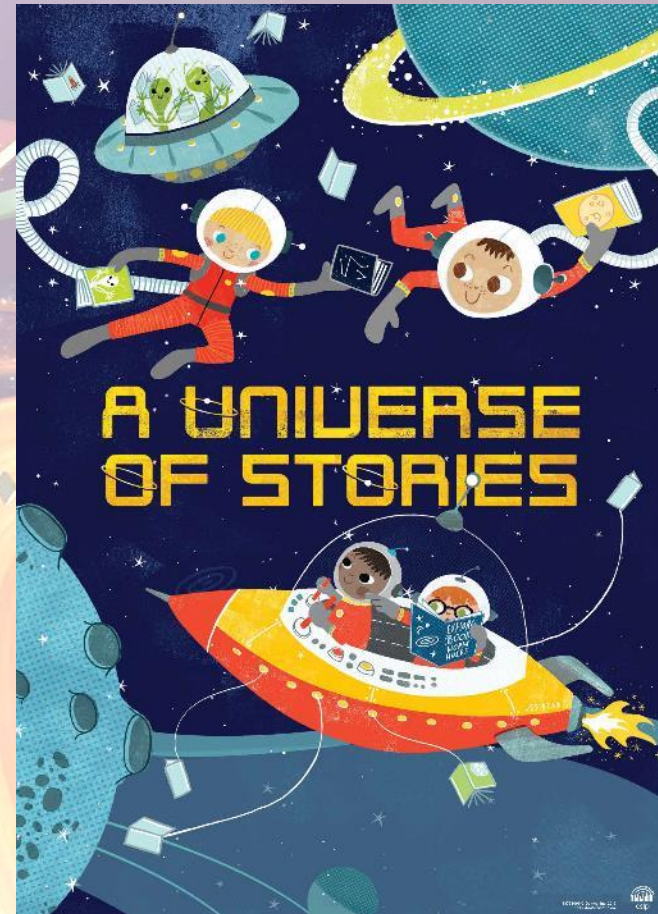
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Early Literacy: Babies, Toddlers, Preschoolers

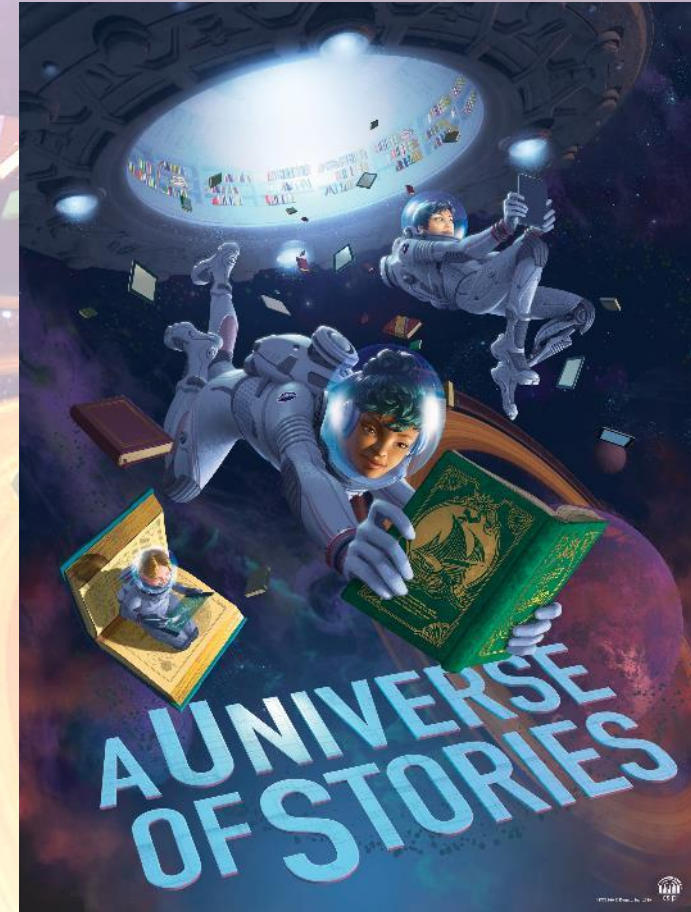
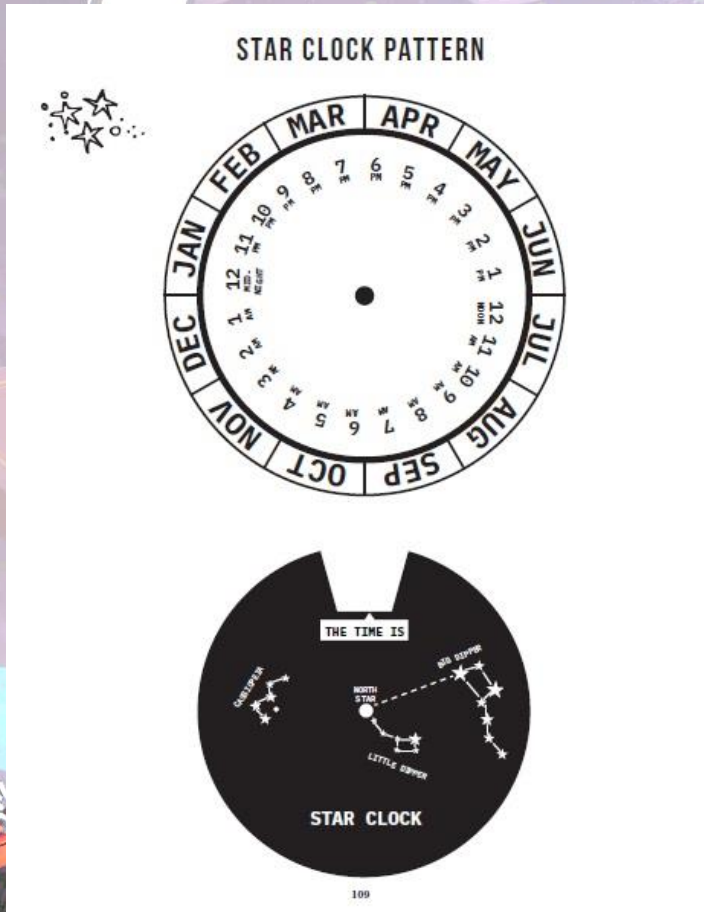


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Childrens: Elementary school aged



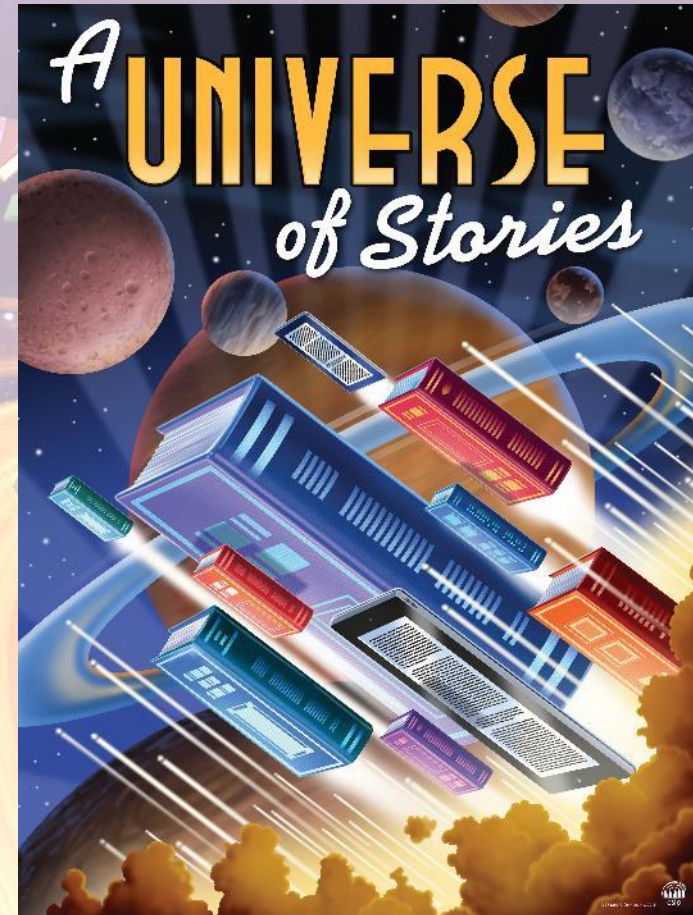
Teen



Adult

Reproducible Space Patterns

Reproduce the planets, and other space-related shapes at the desired size and have patrons write the title of their favorite book on the shape. Use as a bulletin board decoration or to cover the ends of shelves or a wall.





Thank you!

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Collaborative Summer Library Program



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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!!



Poll Question

- Which of the following animals has NOT been in space?

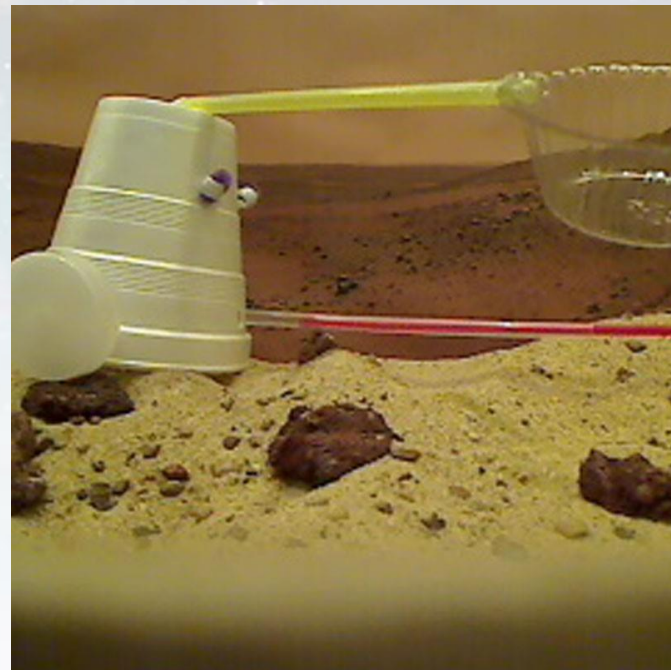
Example STEM Program

Mars InSight lands on 11/26 at ~3:00 pm ET

1. Contact a local astronomy club to host a star party!
2. Watch the “Off to Mars” webinar
3. Show an inspiring video
 1. <https://www.youtube.com/watch?v=ZiSV8L2Oce4&t=1s>
4. Facilitate Strange New Planet and/or Mars Engineering!

Mars Engineering

Each team's mission is to design and build a rover out of the materials available that can pick up, move, and set a rock down into a (fake) scientific instrument on the rover body, like the Sample Analysis at Mars (SAM) instrument onboard the Curiosity rover.



Mars Engineering Materials

Mandatory: variety of tape, scissors, markers, glue, foil, 3 small rocks

Miscellaneous Craft and Everyday Items: Straws, pencil top erasers, beads of various sizes, foil cupcake holders, screens, wooden miniatures, aluminum foil, plastic wrap (of all colors), old CDs, pipe cleaners, toothpicks, wire, wire cutters, Legos, construction paper (variety of colors, black), tinsel, ribbon, fabric, gauze, wood dowels/skewers, rubber bands, shiny streamers, etc.

For Rover Wheels: Wooden spools, large buttons, bottle caps, plastic cups (sturdy), empty (clean) Play-Doh® containers, old CDs, etc.

For Rover Body: Pint-sized milk containers, coffee cans, soup cans (tape any sharp edges), paper or Styrofoam cups, or other objects for the spacecraft body, empty DVD cases, black plastic or biodegradable seedling (plant) trays, empty egg cartons, cereal boxes, 2-liter soda bottles, different-sized Styrofoam blocks, other empty plastic or cardboard containers/boxes, etc.

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?