Moon, Mars, and Beyond Exhibition Pre-Application Webinar

- Thank you for joining us for the **Moon, Mars, and Beyond** Exhibition pre-application webinar!

- If your audio isn’t working, hit the “test audio” button. Make sure you don’t have headphones plugged in! You will be muted. If you’d like to ask a question, type it in the chat box.

- I will unmute folks at the end for Q&A

Agenda

- Webinar Guidelines
- Describe **Moon, Mars, and Beyond** project and relation to STAR_Net
- Describe Exhibit
- Discuss application questions and requirements
- Discuss External Evaluation Requirements
- Q&A

Webinar Guidelines

- If you have questions during the webinar please use the chat function
- Please let us know (in chat) if we're talking too slow, or need to speak up!
- Please make sure to send any chats that are relevant to the whole group to "all panelists and participants"
- If you are having technical issues, please send a chat directly to Stephanie
- This webinar is being recorded. The recording and slide deck will be posted after the webinar

About STAR Net

- Community of over 8000 library professionals interested in STEAM activities, exhibitions, and kits for their patrons
- With federal funding from NASA and NSF, provides free training, exhibitions, kits, and (fingers crossed) glasses for the 2023 and 2024 eclipses!

Overall Project Context

- The content area is NASA's Artemis program (returning humans to the moon, with an eye towards Mars).
- The primary deliverable is a touring library exhibit, accompanied by resources and training for the host libraries.
- Exhibit Audience and age target: library patrons of all ages and backgrounds. Something for everyone!

Possible Themes and Guidelines

Organizing Themes

1. Comparative Planetology: differences and similarities between Earth/ Moon/ Mars;
2. How we're doing it (technology, process, living in a bubble, long term plans);
3. How we benefit (why do we care; how does it help us on earth);

Design Guidelines: (things we're trying to embed throughout the exhibit, and that we hope to provide support for you all to embed in programs)

1. EDGE and UDL concepts
2. Personal Connections
3. Careers: examples, opportunities for visitors to see themselves in a career
4. NASA's priorities

The EDGE Design Framework

The EDGE Design Attributes

EXHIBIT LABELS

Use drawing

Image of a person

EXHIBIT LOOK-AND-FEEL

Familiar object

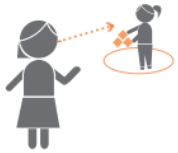
Homey, personal, homemade, or delicate

Playful, whimsical, or humorous

EXHIBIT INTERACTIONS

Multiple stations or sides

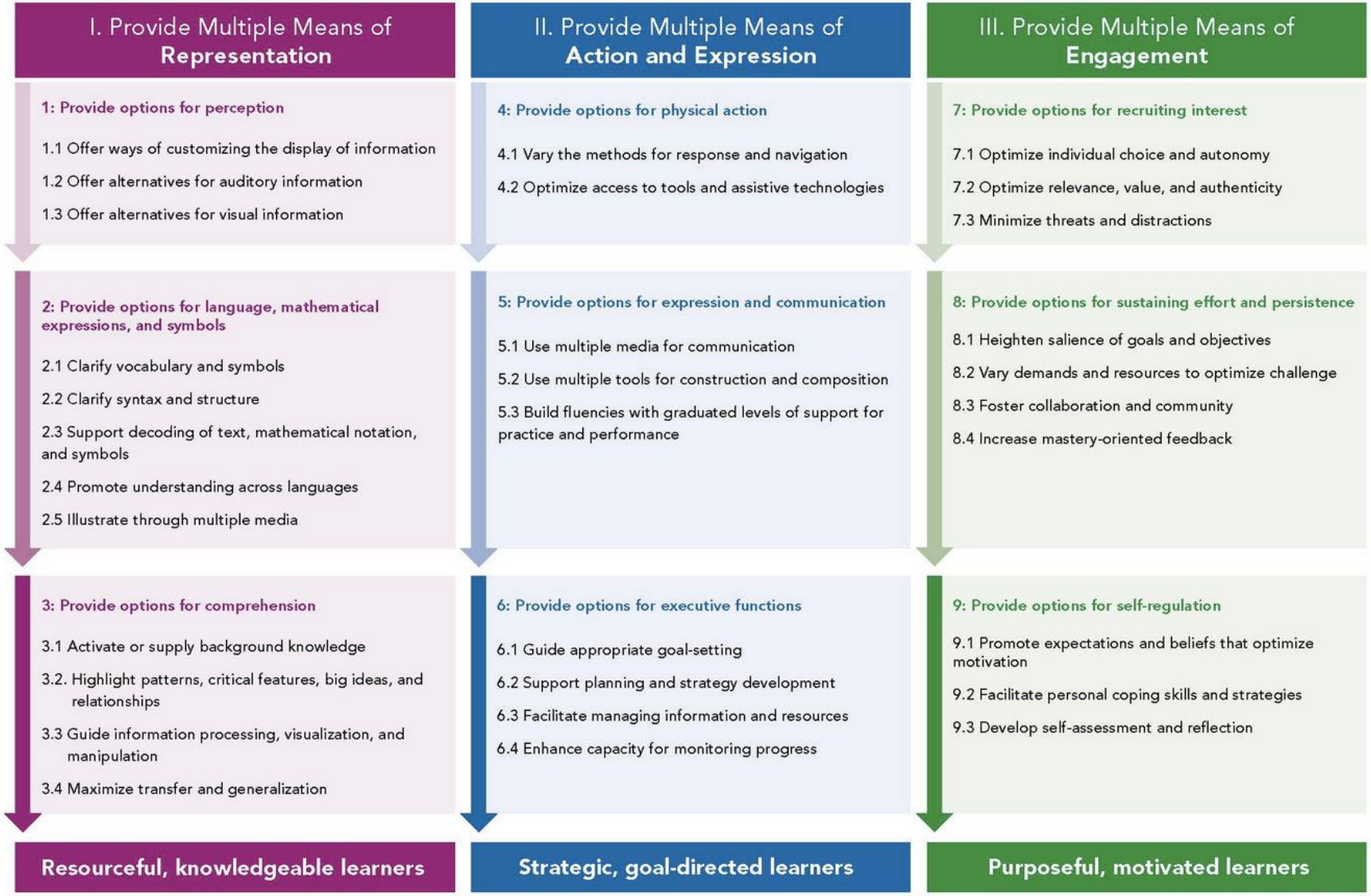
Space to accommodate three or more people



Visitors can watch others to preview

Open-ended

Universal Design for Learning Guidelines



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Moon, Mars, and Beyond Exhibition

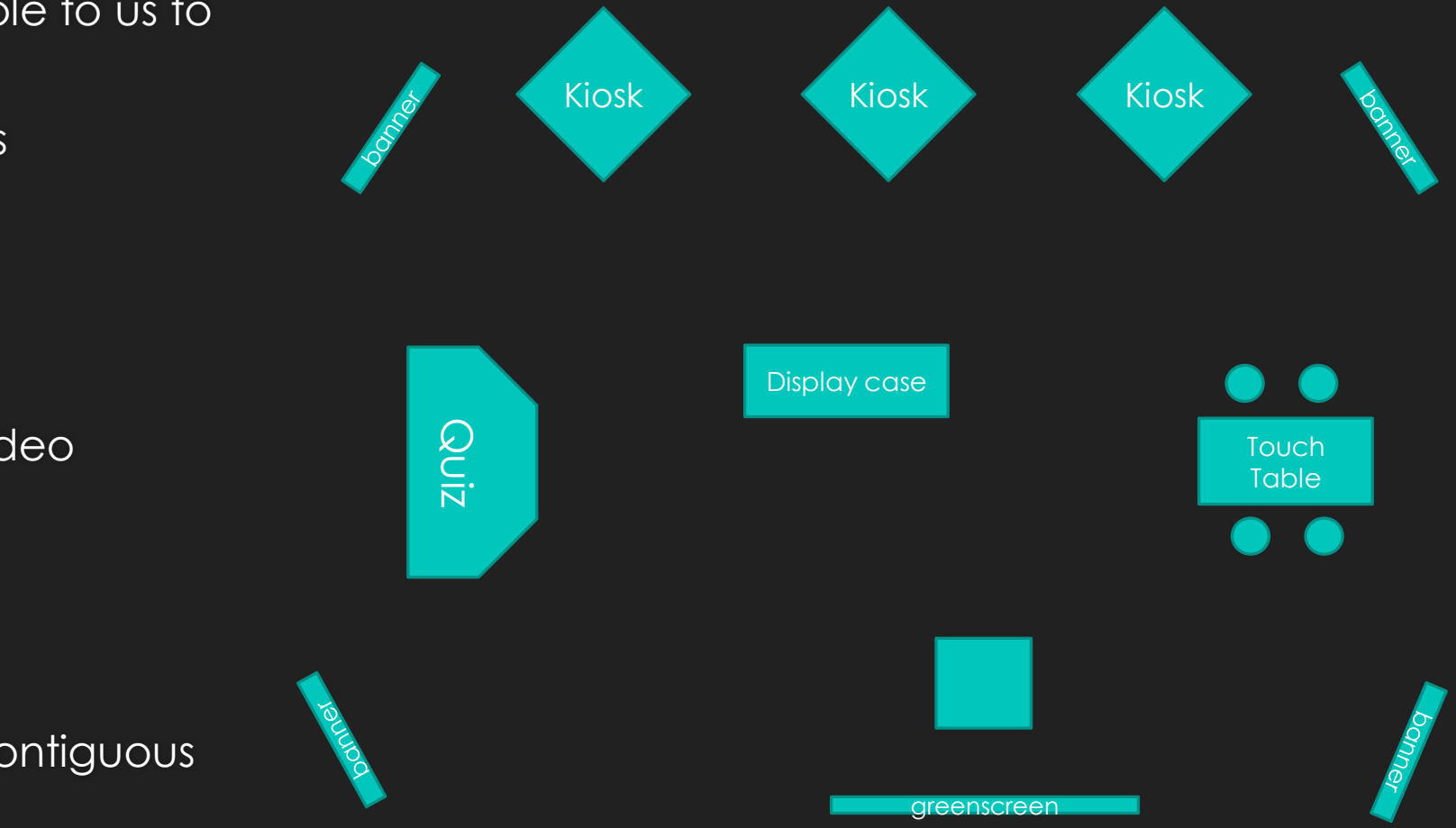
- Approximately 1000 square foot exhibition (not contiguous!)
- In-person training for 8 host sites
- Opportunities for non host sites to participate in webinars and in-person *Lunar and Meteorite Sample Training* from Johnson Space Center
- Related activities and resources will be added to the STEM Activity Clearinghouse
- This project is funded by NASA, under Grant Number 80NSSC21M0081. The views represented in this presentation and exhibition do not necessarily represent the views of NASA

Example Exhibit Components

These are components available to us to refurb from previous exhibits.

- Computer Interactive Kiosks
- Quiz kiosk
- Touch table
- Greenscreen
- View from ISS, or another video
- Dot votes
- Timeline/sticky notes
- Display Case

Total ~ 1000 square feet, not contiguous



Host Sites Benefits

- 8 Partner Venues (including pilot site in Colorado)
- In-person workshop in Colorado (location tbd) for 2 staff members from each host site, costs covered by the grant
- Access to Johnson Space Center *Lunar and Meteorite Training* at kickoff workshop
- Access to NASA Subject Matter Experts for programs
- Consultation for required Community Dialogues
- Technical support (for exhibits and programs) through NCIL/SSI

Discover NASA
Quiz Game
25:45
How many men have walked on the moon?
Player 1
Player 2
Player 3
discover
NASA
A
B
C
D

What's Next?
Predicting is an important part of the scientific process. It's far more than guessing. Scientists build complex models based on everything they've observed to make predictions. They compare these results with what actually happens, and then revise their models.
You're probably familiar with weather forecasting. But, meteorologists are not the only scientists making predictions about Earth's systems. Some study when volcanoes will erupt, others try to figure out how thick the ice pack will be this winter.
Difficult Predictions
Some predictions are notoriously tricky. For instance, scientists know days in advance when a hurricane is headed to land, and they even have a good idea where it will strike. But, scientists find tornadoes very difficult to predict. They can't always say when and where they will hit.

discover
EXOPLANETS
The Search for Alien Earths
discover exoplanets
in search of alien worlds

Atmosphere
The Air Blanketing Earth
Biosphere
All Living Things
Cryosphere

Exhibit Tour Dates

- 3/1/22 – 4/30/22
- 5/5/22 – 7/5/22
- 7/10/22 – 9/10/22
- 9/15/22 – 11/15/22
- 11/20/22 – 1/20/23
- 1/25/23 – 3/25/23
- 4/1/23 – 6/30/23
- 7/5/23 – 9/15/23

Host Site Requirements

- Must be a public or tribal library located in the US (libraries in schools and universities will be considered IF they also serve as a public library)
- Host a minimum of 10 public programs
- Host at least 2 Community Dialogues
- Participation in project evaluation
- Have explicit plans to target underserved audiences
- Minimum ceiling height of 8ft
- Preferably a loading dock or double front door, but at the very least a standard width single door (this has been a concern mostly at old Carnegie libraries)
- Wifi
- Storage
- Insurance

External Evaluation of Project

- Educational Development Center – External evaluators
- Why evaluation?
- Your Role in the evaluation
- Questions

Application

- Application opens today
- Due date November 15th
- Please email all exhibit/application questions directly to Anne Holland (aholland@spacescience.org), all responses will be added to the FAQ to ensure an equitable process
- Please read the FAQ and Rubric in detail before applying. We're not here to trick anyone!