Adapt this NASA activity for your needs!

**In-Person Library or Outreach Program**

**Material List:**
- Activity Guide Printout
- 3 card decks (How Big? How Far? How Hot? decks included in activity guide)

**Preparation:**
- Print pages Sorting Cards (pages 5-23 of Activity Guide) in color, single-sided, on cardstock or printer paper.
- Laminate the pages if printed on printer paper.
- Cut out the individual cards and arrange them into decks based on border color (pages 6, 12, and 18 are answer keys and do not need to be cut).
  - Green borders = How Big? Card Deck
  - Blue borders = How Far? Card Deck
- Review the Activity Guide’s Simple Instructions to familiarize yourself with frequently asked questions and ‘Guide on the Side’ facilitation techniques.

**Take & Make Card Game**

**Material List (per kit):**
- Instruction Card
- Mission Card Deck
- 3 Hint Card Decks (How Big? How Far? How Hot?)
- 3 Answer Key Cards (How Big? How Far? How Hot?)
- 1 Small Envelope
- 7 rubber bands or paper clips
- 1 Large Envelope

(Continued on page 2)
Take & Make Card Game (continued)

Preparation (per kit):

- Print Sorting Cards (pages 5-23 of Activity Guide Printout) in color, single-sided, on cardstock or printer paper.
- Print Instruction Card, Answer Key Cards, Hint Cards and Mission Cards of Take & Make Extension Printout in color, double-sided, on cardstock or printer paper.
- Laminate the pages if printed on printer paper.
- Cut out the individual Sorting Cards and Hint Cards and arrange them into decks based on border color. Rubber band or paper clip
  - Green borders = How Big? Card Deck
  - Blue borders = How Far? Card Deck
- Cut out the Instruction card, Mission cards, and Answer Key cards.
- Put the three Answer Key cards in an envelope labeled “Answer Keys.”
- Rubber band or paper clip each deck together.
- Place all materials in a large envelope.

Virtual Program

Material List:

- Sorting Games Virtual Presentation: PowerPoint template PDF Printout
- Computer and internet access
- Web camera
- Microphone

How Big?
Discuss: what is the order of these objects from smallest to largest?
Virtual Program (continued)

Preparation (per kit):

1-2 months before program:
- Set up a registration link for the program using an online platform such as Zoom, GoTo Meetings, or Facebook Live.
- Promote program on social media, library website, event calendar, etc.
- Add any additional slides to the PowerPoint template (icebreaker, library logos, etc).

Day of program:
- Set up and test your computer, camera, and microphone.
- Log in to your online platform account and open the meeting at least 15 minutes before start of program.
- Share screen with PowerPoint template.

Shopping and Preparation List
Sorting Games: How Big? How Far? How Hot?