

Shopping and Preparation List

Sorting Games: How Big? How Far? How Hot?

Adapt this NASA activity for your needs!

In-Person Library or Outreach Program



Material List:

- [Activity Guide](#)
- 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
 - Red borders = How Hot? 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):

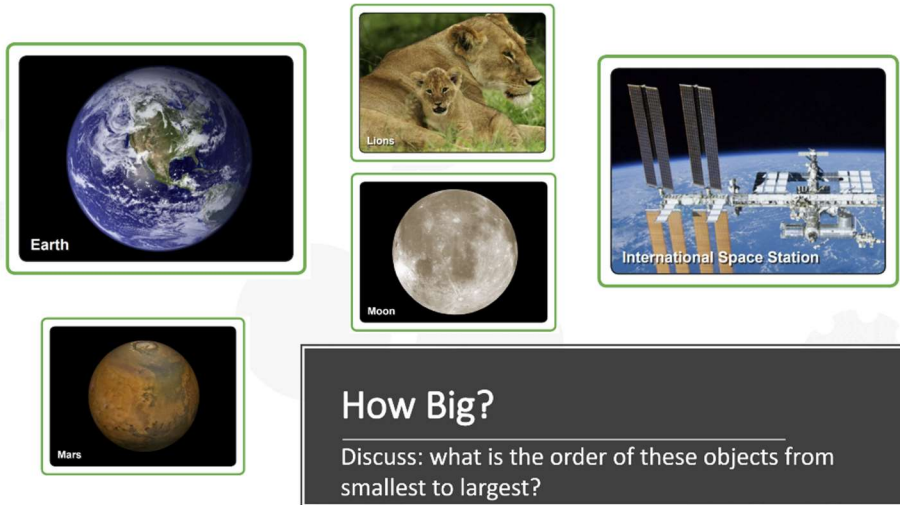
- Take & Make Guide
- Instruction Card
- 3 Sorting Card decks ([How Big? How Far? How Hot? decks included in activity guide](#))
- Mission Card Deck
- 3 Hint Card Decks (How Big? How Far? How Hot?)
- 3 Answer Key Cards (How Big? How Far? How Hot?)
- 1 Small Envelope
- 7 rubber bands or paper clips
- 1 Large Envelope

Preparation (per kit):

- Print Sorting Cards (pages 5-23 of Activity Guide) in color, single-sided, on cardstock or printer paper.
- Print Take & Make Guide, Instruction Card, and Answer Key Cards (pages xx-xx of Activity Guide) in color, single-sided, on cardstock or printer paper.
- Print Hint Cards and Mission Cards (pages xx-xx of Activity Guide) 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
 - Red borders = How Hot? 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



How Big?
Discuss: what is the order of these objects from smallest to largest?

Material List:

- Sorting Games Virtual Presentation: [PowerPoint template](#) [PDF Format](#)
- Computer and internet access
- Web camera
- Microphone

Preparation:

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.