

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

## Shopping and Preparation List

**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
  - 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.



Image 2016 ALA Conference Credit: ALA

### Take & Make Card Game

#### Material List (per kit):

- 3 Sorting Card decks ([How Big? How Far? How Hot? Card Deck Printouts](#))
- 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

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# 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
  - 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.



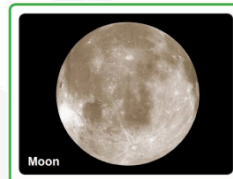
Printed Sorting Card Game



## 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?

Sorting Games Virtual Presentation

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## Virtual Program (*continued*)

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### 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.