

Improv with the Stars!

Intended for tween, teen, and adult audiences

Modification and Preparation List

Adapt this NASA activity for your needs!



Image Credit: Pioneer Library System Flickr

In-Person Library or Outreach Program

Materials (per patron/audience member):

- Copy of the Quick Guide to Stellar Classification
- Five copies of Star Classification per patron, cut into half sheets
- Optional: Laptop and projector for showing videos
- Optional: [Life Cycle of a Massive Star activity](#) and accompanying materials

Materials (per actor):

- One of each “Star Status” sheets, laminated or in sheet protector

Facility Needs:

- Large room or outdoor space for participants to do improvisation acting.
- Chairs or seating area for an audience to sit and watch the actors.

In-Person Library or Outreach Program (*continued*)

Preparation:

1-3 months prior to the program:

- Review the [Activity](#).
- Prepare and distribute promotional materials for the activity, including flyers, posters, library website, online event calendar, and social media posts. If you run programs for tweens or teens, consider doing an improvisational acting workshop with this as one of your activities.

The day/week of the program:

- Print multiple copies of the Quick Guide to Stellar Classification (pages 6 and 7 of the [Activity](#)), double-sided. Each patron should receive one copy. Laminate or put in sheet protectors for reuse.
- Print multiple copies of the Star Classification sheet (page 5 of the [Activity](#)) and cut them in half. Each patron should receive five copies of the half-sheets.
- Print one copy of each of the Star Status sheets (pages 8-14 of the [Activity](#)) and laminate or put in sheet protectors for reuse.

Day of the program:

- Set up an area with seating for patrons to watch the improv acts.
- Invite participants to engage in an [Improv icebreaker activity](#).
- Consider showing one or more of these videos to introduce the life cycle of stars:
 - [Think Tank: A Star Is Born](#)
 - [Think Tank: When Stars Go Boom!](#)
 - [Launchpad: Life Cycle of a Star](#)
 - [Learning Physics: Types of Stars by Size, Color, and Life Cycle](#)
- Choose one or more of the improv games included in the Activity or choose your own. The Activity refers to participants as “students” instead of patrons, but this has been tested as a fun activity in the library setting.
- Offer patrons the [Life Cycle of a Massive Star Activity](#) to take home or complete at the library if there is time.