#### Intended for ages 4 through adult

# **Filtered Light**

## **Modification and Preparation List**

### **Adapt this NASA activity for your needs!**

#### **In-Person Library or Outreach Program**

#### **Materials**

- O Blue and red color filters or theater gels (these can be purchased from various online sites or craft stores).
- O Pink and blue highlighters
- O Red and blue grease pencils (wax writing tools)
- O Black and white paper (thick construction or sketch paper works best)
- O Space images (Spanish version of Space images)
- O Table Sign (Spanish version of table sign) and/ or Activity (Spanish version of Activity)

Note: The Table Sign and Activity both have the same activity instructions, but the Activity includes background information that could be helpful for the facilitator to refer to or for patrons to read on their own.

#### **Preparation:**

1-3 months prior to the program:

- Review the Activity and how-to video.
- Prepare and distribute promotional materials for the activity, including flyers, posters, library website, online event calendar, and social media posts.





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

#### **Preparation (continued):**

The day/week before the program:

- O Purchase the program materials.
- O Print and laminate the Space Images, Table Sign, and/or Activity

Day of program:

O Set up a table with the materials for patrons to explore the activity.

#### Take & Make

#### Material List (per kit):

In addition to the above materials, include:

- O A folder
- A paper or clear plastic bag to hold all the materials.

\*Tip: Include the <u>Activity(Spanish version</u>) instead of the Table Sign so patrons can learn more about the science of the activity.\*

#### Preparation (per kit):

- Print the <u>Space images</u> (<u>Spanish version of Space Images</u>) and <u>Activity</u> (<u>Spanish version of Activity</u>)
  - Optional: consider laminating the space images for durability.
- O Place the Space Images, Activity, colored filters, and 3-5 pages of the black and white papers into a folder.
- O Place the folder, along with the highlighters and grease pencils, into a paper or clear plastic bag to distribute to patrons.





