

James Webb Space Telescope Celebration Example Events

Kids and Family Programs

- Celebrate launch with a local drive-in event
 - Have a Webb Banner
 - Have guest speakers (Subject Matter Expert) highlight the wonders that Webb will explore
 - Have a science educator lead an art activity- build your own telescope, Webb origami, carve your own Webb-o-Lantern
 - Watch Webb Launch
 - Take a group photo and post to #webbEvents etc.
 - Resources:
 - [Subject Matter Expert Roles](#)
 - [Make Origami](#)
 - [Build Your Own Space Telescope](#)
 - [Carve a Webb-o-Lantern](#)
- Celebrate stories in stars with Webb Launch
 - Afterschool or weekend family event highlighting the power of storytelling in the study of space
 - Space is for everyone
 - Create your own space story with Webb
 - Resources:
 - [Universe of Learning Informal Learning Network:](#)
 - [Stories in the Stars Program model](#)
 - [Observing Space Program Model](#)
 - [Colors from Space & Constellations Tonight Program Model](#)
 - [Universe of Learning Community Programs:](#)
 - [Visions of the Universe exhibit](#)
 - [Tonight's Sky](#)
- Art and Astronomy
 - Festival event
 - Have art stations throughout with Webb/astronomy related activities
 - LEWG CE can provide activity guides and program models to choose from
 - Watch Webb Launch
 - Resources:
 - [Webb Art Galleries](#)
 - [Create and share your own Webb Art](#)
 - Universe of Learning Informal Learning Network:
 - [Artful Exoplanets: Creating Imaginary Worlds Program Model](#)
 - [Artful Exoplanets Lesson Plan](#)

- [Space Art Explorations Program Model](#)
- [Art of Astronomy Program Model](#)
- Related [NISE net](#) activities:
 - **Exploring the Universe: Nebula Spin Art** (included in the Explore Science: Earth & Space 2020 toolkit)
<https://www.nisenet.org/catalog/nebula-spin-art>
 - **Exploring the Universe: Star Formation** (included in the Explore Science: Earth & Space 2020 toolkit)
<https://www.nisenet.org/catalog/star-formation>
 - **Exploring the Universe: Space Guess Quest Game** (included in the Explore Science: Earth & Space 2019 and 2020 toolkit)
<https://www.nisenet.org/catalog/exploring-universe-space-guess-quest-game-2019-2020>
 - **Exploring the Universe: Expanding Universe** (included in the Explore Science: Earth & Space 2019 toolkit)
<https://www.nisenet.org/catalog/exploring-universe-expanding-universe>
 - **Exploring the Universe: Pack a Space Telescope** (included in the Explore Science: Earth & Space 2018 toolkit)
<https://www.nisenet.org/catalog/exploring-universe-pack-space-telescope>
 - **Exploring the Universe: Filtered Light** (included in the Explore Science: Earth & Space 2017 and 2019 toolkit)
<https://www.nisenet.org/catalog/exploring-universe-filtered-light>
 - **Exploring the Universe: Exoplanet Transits** (included in the Explore Science: Earth & Space 2018 toolkit)
<https://www.nisenet.org/catalog/exploring-universe-exoplanet-transits>
 - **Exploring the Universe: Imagining Life** (included in the Explore Science: Earth & Space 2017 toolkit)
<https://www.nisenet.org/catalog/exploring-universe-imagining-life>
- Virtual Astronomy Events:
 - Watch Webb Launch on Youtube/Facebook Live, Q+A with Subject Matter Experts
 - Facebook live with a virtual Planetarium Show
 - Virtual read along of an astronomy related story book and watch Webb launch
 - Resources:
 - NASA's Universe of Learning Informal Learning Network:
 - [Virtual Programs with Cerritos Library](#)

- [Virtual Astronomy Events with Cape Fear Museum of History and Science](#)
- [Enhancing live Planetarium Shows & Exoplanet Day Program Model](#)
- [Our Hidden Universe Planetarium Show Program Model](#)
- [Universe of Learning Subject Matter Experts](#)

School/Afterschool Programs

- Exoplanet Travel Kits-
 - Create a travel box that includes resources to explore the exciting worlds outside our solar system. Design a world Webb may discover, create an ecosystem and what may inhabitant the exoplanet.
 - Have SMEs on hand for Q+A with the audience about Webb/Exoplanet facts
 - Have these on display afterwards as an exoplanet art gallery show.
 - Post these works using a Webb Hashtag
 - Resources:
 - Universe of Learning Informal Learning Network:
 - [Exoplanet Travel Kits Program Model](#)
 - [Afterschool Programming: Intro to Astronomy Program Model](#)
 - [Astrophotography & Art Program Model](#)
 - [Universe of Learning Subject Matter Experts](#)
 - [Exoplanet Travel Bureau](#)
 - [Eyes on Exoplanets](#)
- Celebrate stories in stars with Webb Launch
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 - [Visions of the Universe exhibit](#)
 - [Tonight's Sky](#)

Adult Programs

- What will Webb See Lecture Series
 - Host monthly lecture series leading up to Launch
 - Resources:

- Find [Subject Matter Experts](#) in Webb Science
- Observatory Night- Celebrate launch of Webb Telescope and explore the cosmos at night
 - Have Webb Banner
 - Show recorded launch of Webb
 - Explore the night sky
 - Write stories or short responses to what mysteries Webb may discover
 - *This can also be done virtually with the use of MicroObservatory and Educator/SME*
 - Resources:
 - [Request a SME](#)
 - [MicroObservatory](#)
 - [Tonight's Sky](#)
 - Universe of Learning Informal Learning Network:
 - [Exo-Planet Night Program Model](#)

Focus Groups/Community Partnerships

- Women pioneers in STEM
 - Celebrate the women who made space telescopes/space exploration possible
 - Look into the future with Webb and show videos that explore what Webb will see.
 - Watch Webb Launch
 - Resources:
 - [Girl's Steam Ahead with NASA Project](#)
 - [Women in STEM Posters](#)
 - [Women of Color: Pioneers and Innovators Posters](#)
 - ViewSpace Video Library Featuring Webb Content
https://viewspace.org/video_library?tags=553
 - How Do Space Telescopes Break Down Light
<https://webbtelescope.org/contents/media/videos/2018/37/1181-Video?page=3&filterUUID=21409408-9414-41eb-a027-a6b3abfe7af5>
 - Galaxies Through Time
<https://webbtelescope.org/contents/media/videos/2020/49/1290-Video>
- Girl Scout Badge event for Webb
 - Celebrate the launch of Webb Telescope and work with educators and SMEs to earn a badge
 - Explore Webb based activities through NASA's UoL and NISE Net
 - Resources:
 - Universe of Learning Activity Guides:
 - **The Expanded Universe: Playing with Time**
<https://media.universe-of->

- learning.org/documents/girlsSTEAM-Expanded-Universe-ActivityGuide.pdf
 - **La guía de actividades del universe expandido:**
https://media.universe-of-learning.org/documents/girlsSTEAM-Expanded-Universe-ActivityGuide_es_US.pdf
 - **Trappist-1 System Scale Model** https://media.universe-of-learning.org/documents/UoL_TRAPPIST_Scale_Model-2018-02.pdf
 - **Modelo a escala del Sistema TRAPPIST-1:**
https://media.universe-of-learning.org/documents/UoL_TRAPPIST_Modelo_a_escala-ES-US.pdf
 - **Light and Color: Exploring Visible Light**
<https://media.universe-of-learning.org/documents/girlsSTEAM-LightColor-ActivityGuide-2020-update.pdf>
 - **NASA's Universe of Learning Girls STEAM Ahead Program Cookbook Recipe 1: The Electromagnetic Spectrum**
<https://media.universe-of-learning.org/documents/gsawn-program-cookbook-recipe1-light-january-2021.pdf>
- Nise Net Activity Guides:
 - **Exploring the Universe: Nebula Spin Art** (included in the Explore Science: Earth & Space 2020 toolkit)
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- Universe of Learning Informal Learning Network:

- Girl Scouts specific program models:

- [Space Week Celebration](#)
- [Summer of Space](#)
- [Camp-In: Space Explorers](#)

- [Tactile Explorations of Extrasolar Objects- Program Model](#)

- This tabletop activity using 3D printed representations of objects beyond the Solar System to give participants a sense of the scale of extrasolar objects and allow participants with low vision or tactile learning styles to have the opportunity to learn more about astronomy.
- The activity could include discussion about how people on Earth study distant objects in space. Printed objects include black holes, nebulae, the Hubble Space Telescope, and the James Webb Space Telescope.
- Can provide detailed program model with 3D printing instructions
- Other resources:
 - [DIY Planet Search](#)
 - [MicroObservatory](#)