Visuals and Media



We have marked resources that require less bandwidth to download with the LOW BAND

tag.

Webb's First Images Gallery LOW BAND Webb's Poster Series LOW BAND Zoomable Image: Webb's First Deep Field Zoomable Image: "Cosmic Cliffs" in Carina Zoomable Image: Stephan's Quintet Zoomable Image: Southern Ring Nebula Flickr - Webb Telescope Albums Scientific Visualization Studio - Webb Videos/Animations AstroPix - library of publicly available astronomy images. LOW BAND First images: Souther Ring Nebula Poster LOW BAND First Images: Cosmic Cliffs Poster LOW BAND First Images: Exoplanet WASP-96 b Poster LOW BAND First Images: Stephan's Quintet Poster LOW BAND First Images: Webb's First Deep Field Poste LOW BAND James Webb Space Telescope Posters and Lithographs LOW BAND James Webb 3D Model - print and interact with this 3D model to explore all the different parts of this remarkable telescope. James Webb 3D Model Print of the Mirror

Use the Science Writer's Guide from Webbtelescope to assist media personnel, writers, and educators in their efforts to understand the telescope, and in turn, educate others about the mission.

Launch Media Kit

See the James Webb Space Telescope Launch Highlight video for a behind the scenes look at how the people behind Webb successfully launched the telescope on Christmas Day 2021.

All About Webb Youtube Video Series

James Webb Space Telescope YouTube Channel LOW BAND

WebbTelescope Video Resources

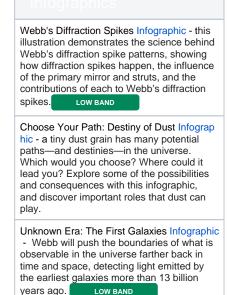
Scientific Visualization Studio - Webb Videos/Animations

Webb's Orbit LOW BAND

How are the Hubble Space Telescope and James Webb Space Telescope different, and how do they complement each other? Learn more in this short, animated video, Hu bble and Webb: Friends in the Sky.

Reading the Rainbow Video Series

How do Space Telescopes Break Down Light?



Dissecting Supermassive Black Holes Infogr aphic - walk through the full process to learn how supermassive black holes convert fuel to produce bipolar jets, discover when star formation starts and stops, and examine a diagram of the processes at work. LOW BAND

Recipe for Planet Formation Infographic - thi s infographic is a simplified artistic representation of planet formation, following the format of a baking recipe.

Cosmic Reionization Infographic - more than 13 billion years ago, during the Era of Reionization, the universe was a very different place. What allowed the universe to become completely ionized, or transparent, eventually leading to the "clear" conditions detected in much of the universe today. Want to check out some of the thousands of exoplanets that NASA's astrophysics missions have discovered from the comfort of your own home? Check out the Exoplanet Travel Bureau for different ways to explore features of different exoplanets.

Women in STEM Poster Series - view and download inspiring, beautiful posters and a mini zine celebrating some of the women who have made significant contributions to science, technology, engineering, and math, from Hypatia in fourth century Alexandria to Cady Coleman on the International Space Station. Webb's Microshutters Infographic - the telescope's Near Infrared Spectrograph (NIRSpec) has a microshutter array that can capture hundreds of colorful spectra at the same time. Discover how it will help transform our understanding of many distant stars and galaxies simultaneously.

Moons: Active Worlds Infographic - discover the makeup of four active Solar System moons, worlds unto themselves with unique, dynamic environments.

What is Cosmological Redshift Infographic the universe is expanding, and that expansion stretches light traveling through space in a phenomenon known as cosmological redshift. The greater the redshift, the greater the distance the light has traveled. As a result, telescopes with infrared detectors are needed to see light from the first, most distant galaxies.

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Massive Stars: Engines of Creation Infograp hic - this illustration demonstrates how a massive star (at least 8 times bigger than our sun) fuses heavier and heavier elements until exploding as a supernova and spreading those elements throughout space. LOW BAND

Resource Pages

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Panel Discussion Recordings Reaching New & Underserved Audiences Websites & Social Media