

Water filtration systems in your home date back to the Apollo era. Water is a scarce resource away from Earth. Originally designed to purify water for the Apollo astronauts, NASA's silver ion technology purifies and softens water while inhibiting bacteria growth in filtering units. Today, manufacturers use this combined technology to create home-use water filtering ...

2 days ago· NASA Blogs Home; Mission to Inform: How a NASA Intern Brought Space Science to Life. As a summer intern at NASA Goddard Space Flight Center in Greenbelt, Maryland, Nora Lowe played a role in supporting NASA's upcoming flagship mission, the Nancy Grace Roman Telescope. This project is a NASA observatory designed to investigate inquiries about ...

10+Things To Do With NASA at Home National Aeronautics and Space Administration NASA explores the unknown in air and space, innovates for the benefit of humanity, and inspires the world through discovery.

Solar System Home. Solar System Facts . Sun. Kuiper Belt. Oort Cloud. Beyond Our Solar System. Planets. About Planets. Mercury. Venus. Earth. Mars. Jupiter. Saturn. Uranus. Neptune. ... NASA's Europa Clipper is the first mission designed to conduct a detailed science investigation of Jupiter's moon Europa. The spacecraft launched Oct. 14, 2024.

About Home & City. Have you ever wondered why space exploration should matter to you? Or how the work of NASA scientists and engineers affects your daily life? "Spinoffs" are commercial products and services derived from NASA ...

NASA engineers will develop new technologies to improve air transport at home and meet the challenges of advanced space exploration. Our scientists will work to increase an understanding of our planet and our place in the universe. NASA Missions

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From forest floor to space, NASA scientists and collaborators are advancing tools and methods to predict, remotely detect, and ultimately mitigate wildfires. That process starts with understanding fire behavior, tracking them with satellites, and getting that data in the hands of land managers and communities facing record-breaking fire seasons.

Space and science activities you can do with NASA at home, including video DIY tutorials for making

rockets, Mars rovers and Moon landers out of materials you have lying around - or templates you can print out. Plus, tips for STEM learning at home for families.

Built in 1820 by Richard Cutts, in 1837 it became the home of Mrs. Dolly Payne Madison, wife of President James Madison. Named the Dolly Madison House, she lived there till her death in 1849. The Dolly Madison House served as NASA Headquarters from 1958 until October 1961. [Read More About Headquarters History about NASA'S First Headquarters ...](#)

NASA's Perseverance Mars rover took this selfie, made up of 62 individual images, on July 23. A rock nicknamed "Cheyava Falls," which has features that may bear on the question of whether the Red Planet was long ago home to microscopic life, is ...

Webb's Science Goals. The James Webb Space Telescope is a giant leap forward in our quest to understand the Universe and our origins. Webb is examining every phase of cosmic history: from the first luminous glows after the Big Bang to the formation of galaxies, stars, and planets to the evolution of our own solar system.

Stay up-to-date with the latest content from NASA as we explore the universe and discover more about our home planet. [Sols 4357-4358: Turning West ...](#) This NASA/ESA Hubble Space Telescope image features NGC 1672, a barred spiral galaxy located 49 million light-years from Earth in the constellation Dorado. This galaxy is a multi-talented light ...

Mark Motter, an engineer at NASA's Langley Research Center in Hampton, Virginia, noted that assembly line quality control at first glance looks like an entirely new direction for the technology. "But actually, in a dynamic environment you have things flying by you, and that seems somewhat similar to what's happening here," Motter said.

[2 days ago](#) NASA's award-winning Space Place website engages upper-elementary-aged children in space and Earth science through interactive games, hands-on activities, fun articles and short videos. With material in both English ...

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Kennedy Space Center, one of 10 NASA field centers, is a premier multi-user spaceport with about 100 private-sector partners and nearly 250 partnership agreements. The presence of commercial companies at NASA's Kennedy Space Center is larger than ever before, enabling us to embark on a new era of space exploration.

NASA satellites document how our world--forests, oceans, human landscapes, even the Sun--changes over

months, seasons, and years. Published Apr 29, 2009. Atmosphere Heat Land Life Human Presence Snow and Ice. Article. Renewable and Alternative Energy.

NASA Science is delivering: every second of every day, of every week, of every year. 2024 is proving to be yet another year of exceptional scientific discovery and achievement. ... Earth is our home, shared with millions of species. Rapid changes like rising temperatures and more frequent extreme weather are transforming our planet. For over 50 ...

NASA at Home: Zoom without the Boom. Explore how sounds travels, sonic booms, NASA's newest experimental aircraft and the history of X-planes in this episode of NASA at Home. Build your own simple "speakers" for a phone (or similar device) that show students how to amplify sound waves using items you can find around the house.

Universe Home; Explore This Section Welcome to the Universe. Discover the universe: Learn about the history of the cosmos, what it's made of, and so much more. ... ESA (the European Space Agency) has released a new, 208-gigapixel mosaic of images taken by Euclid, a mission with NASA contributions that launched in 2023 to study why the universe ...

NASA astronauts Andrew Feustel and Ricky Arnold and Roscosmos cosmonaut Oleg Artemyev executed a fly around of the orbiting laboratory to take pictures of the station before returning home after spending 197 days in space. The station will celebrate the 20th anniversary of the launch of the first element Zarya in November 2018.

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STEM Engagement at NASA; About NASA. NASA's Impacts; Centers and Facilities; Directorates; Organizations; People of NASA; Careers; Internships; Our History; Doing Business with NASA ... Orion reached its maximum distance from Earth during the Artemis I mission when it was 268,563 miles away from our home planet. Orion has now traveled farther ...

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