



Orion is NASA's next-generation spacecraft designed to take humans deeper into space than ever before. It is a key component of NASA's Artemis program, which aims to land the first woman and person of color on the tablishing a sustainable human presence on and around the Moon by 2024.

support a variety of missions. It can carry up to four crew nembers and provide them with living quarters, life support systems, emergency abort capability, allow for safe reentry from deep space return velocities and sustain the crew during space travel.

Orion is the only human-rated spacecraft designed for deep space travel, not only will it return humans to the Moon, it can also be used for missions to asteroids and eventually to Mars.

But there is more to these missions than spacecrafts!!!

The Space Launch System

Developed at NASA for most of the last decade, the new Space Launch System (SLS) is a new class of super heavy-lift rocket.

Taller than the Statue of Liberty at 322 ft, the SLS is the most powerful rocket in the world and is 15% more powerful than the original Saturn V launcher that first took astronauts to the Moon.





The Artemis I mission was an uncrewed text right of the Space sunch System rocket and the Orion spacecraft. During the mission, the spacecraft orbited the Moon and tested its systems, including list best shield, propulsion, and communications it also carried a number of scientific payloads that will study the Moon and deep space.



Artemis I Landing Update

Since landing back on Earth on December 11, 2022, Since landing back on Earth on December 11, 2022, post-light teams have been assassing my dismage or malfares that occurred during Artemat 11 specifiely. Engineer are reviewing filled data to understand the source of any sures, and plant a conduct statistic in a fight; tike configuration. This near perfect test mission will help ensure the safety of the Trying cose of the Artemis I mission.



Artemis II

The planeering four-porton cree will fly the Orton module 2402 to beyond the fer side of the moon, complete a lawn frely and return to Earth. The restors will take about eight to ten days and ceiter valuable flight after a lie folls Earth were specificated to the side of the side o



Artemis III

During the Artemis III mission, the astronauts was conduct scientific work both inside and outside of their Starship, which includes a series of moonwalks. To explore the surface, they will utilize the new Axiom Extravehicular Mobility Unit spacessafts and mix

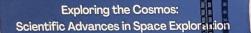
Returning to Earth

Space Tourism: A New Era of Luxury Travel!

The spaceflight company Space Perspective is currently accepting reservations at \$125,000 a seat to travel into space. Their Spaceship Neptune is the first carbon-neutral way to space travel. It is propelled by a 650-foot tall space balloon – technology that NASA has used for decades. Unlike a rocket, Spaceship Neptune provides its passengers with a gentle flight free of g-forces.



Spaceship Neptune



Space exploration is one of the most exciting and awe-inspiring achievements of human civilization. O *** the past few decades, scientific advances have enable due to venture beyond our planet and learn more about the universe we inhabit. Today, astronomers sturn the stars to develop theories about the origins and evolution of our universe.

Big Advances are Happening NOW!

Current space exploration missions continue to push the boundaries of our understanding of the universe. From exploring planets within our solar system to studying the most distant galaxies, current scientific space missions are making groundbreaking discoveries that are changing our understanding of the cosmos.



the European Space
Agency, Af Findings will
transmers worldwide.

The JWST has a print
diameter, making it o
the Hubbic Space
designed to obser

number of issovative technologies have been developed for the JWST. These technologies include:

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energy specialized instruments. At a very cold, I Kabelo or -447.07 degrees. Fabrushall

for the JWST. These technologies include:

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Additionally, Un JAMET Institute as Crystocker refrigeration that helps and its



The JMST has a primary mirror that is over 21 feet in diameter, making it over 100 times more powerful than the Hubble Space Telescope, its instruments are designed to observe the universe in the infrared spectrum, allowing it to study the certlest spalacies in the universe, the formation of stars and planets, and the

It on the scientific discoveries of the Nubble Space (elecoppe, the AVIST takes are even further in our lenstanding of the universe. It will provide a deepter vetanding of how galaxies formed and evolved over a not less previous refundamental questions about the origins of life and the universe.

Artemis Missions

The Artemis program represents a significant milestone in human space exploration. These missions will enable us to learn more about the Moon, its resources, and its potential as a platform for future exploration. The success of the Artemis I mission, completed in December of 2022, has been a critical step towards realizing this vision, and will pave the way for a new era of exploration and discovery.





