



Xavier's Daily

➔ Challenge yourself!

What can you keep after giving to someone?

Answer
Your word



➔ Spectrum's Corner

Thought of the Day

Not only must we be good, but we should be good for something.

Word of the Day

Bonanza- a situation creating lot of wealth

The situation shall stay the same without a great bonanza of new finance.

NASA ARTEMIS: 6 THINGS ABOUT THE 2024 MISSION TO PUT THE FIRST WOMAN ON MOON

Written by Atiqua Afreen | Designed by Nivedita Nair

[XOL]

1. ARTEMIS stands for 'Acceleration, Reconnection, Turbulence, and Electroynamics of the Moon's Interaction with the Sun.'
 2. Artemis was the twin sister of Apollo and goddess of the Moon in Greek mythology. Now, she personifies the path to the Moon as the name of NASA's program to return astronauts to the lunar surface by 2024, including the first woman and the next man.
 3. As a result of Artemis, NASA will be able to establish a sustainable human presence on the Moon by 2028 to uncover new scientific discoveries, demonstrate new technological advancements, and lay the foundation for private companies to build a lunar economy.
 4. The Apollo program famously put the first men on the lunar surface in the 1960 and 70s.
 5. NASA is targeting 2020 for the launch of its powerful Space Launch System (rocket that will do the job) and Orion spacecraft (which will carry the astronauts) together for the first time from a modernized Kennedy Space Center in Florida.
 6. This uncrewed flight test, known as Artemis 1, will demonstrate the capability to send a crew spaceship to lunar orbit ahead of a return to the surface of the Moon. After launch, SLS will also deploy a number of CubeSats to perform experiments and technology demonstrations.
- What's next after Artemis?
- The next mission will be Artemis 2. It will fly a different path than the first test flight, and will take a crew around the Moon for the first time in fifty years in 2022; followed finally by Artemis 3 that will put astronauts on lunar soil in 2024, including the first woman.
- Only 12 humans, all male, have so far walked on the Moon and they were all American, according to Bettina Inclan, NASA Communications Director.
- Lunar Gateway: Access to the Moon.
- NASA and its partners are designing and developing a small spaceship in orbit around the Moon for astronauts, science and technology demonstrations known as the Gateway.
- Located about 250,000 miles from Earth, the Gateway will enable access to the entire surface of the Moon and provide new opportunities in deep space for exploration. It's also a stop-over for missions to Mars.



DID YOU KNOW?

The Moon is Earth's only natural satellite and the fifth largest moon in the solar system.