HEOMD’S Vision for Exploration

Maximize use of the International Space Station to reach its fullest potential

Make commercial human spaceflight to low-Earth orbit a robust, sustainable enterprise with many providers and a wide range of users

Build a coalition of public/private partnerships that will help us send astronauts to the Moon quickly and sustainably, together

Deliver more missions, more science, more technology, and more innovation at a better value to the American taxpayer

Make new discoveries, expand human knowledge, and push human presence deeper into the solar system

Return benefit to Earth
Continuity of Purpose

**Low-Earth Orbit**
Maintaining a strategic foothold in low-Earth orbit with the International Space Station and commercial partners

**Lunar Orbit**
Building an infrastructure for long-term exploration on and around the Moon with Artemis
Artemis: a Foundation for Deep Space Exploration

- Space Launch System
- Orion spacecraft
- Human Landing System
- Surface Operations
- Gateway
- Exploration Ground Systems
- Space Communications & Navigation
- Surface Mobility
- Space Suits
- Artemis Base Camp
A roundtrip mission to Mars will take about two years—and once the ship’s course is set, there’s no turning back.

As much as is possible, lunar systems will be designed for dual Moon-Mars operations.

Integrated missions in the lunar vicinity prepare us for successful Mars missions.
Taking the Next Giant Leap
Humans on Mars

Earth
THANK YOU