

# Science in NASA's Vision for Space Exploration 37 pages 9780309165259 National Academies Press, 2005 2005 National Research Council, Division on Engineering and Physical Sciences, Space Studies Board, Committee on the Scientific Context for Space Exploration

7 Futuristic Ideas Backed by NASA That Could Change Space Exploration Forever. NASA's Innovative Advanced Concepts program has been funding several projects throughout the past decade. By Donovan Alexander. Feb 07, 2021. James Webb Space Telescope's primary mirror segments NASA. Phase III continues the exploration and development for another two years. The final phase is designed to strategically transition NIAC concepts with the highest potential impact for NASA, other government agencies, or commercial partners. Advertisement. Exciting ideas that will directly impact the future of space travel are nurtured at NIAC. Space exploration is the ongoing discovery and exploration of celestial structures in outer space by means of continuously evolving and growing space technology. While the study of space is carried out mainly by astronomers with telescopes, the physical exploration of space is conducted both by unmanned robotic probes and human spaceflight. While the observation of objects in space, known as astronomy, predates reliable recorded history, it was the development of large and relatively efficient rockets that a masterful array of strategies for exploration by a true space expert and patriot. Michael Collins, astronaut and command module pilot, Apollo 11 "Aldrin calls for systematic investment to establish a cycle of transportation and sustained, permanent settlements on the Red Planet." - NPR "Talk of the Nation". "Mission to Mars is pure Buzz: creative ideas flying off the pages, a big picture view of how to move forward, and a laser-like focus on why space exploration is key to humanity's future." "No one's given more thought to Mars exploration than Buzz Aldrin" a hero whose legacy as one of the first men on the moon may well be eclipsed by his contributions to engineering our future in space." Elliot Holokauahi Pulham, CEO, The Space Foundation.