

The logo is a shield-shaped emblem. At the top, the text "CLUB FOR THE FUTURE" is written in a bold, white, sans-serif font. Below the text is a stylized city skyline with various buildings. In the center, a rocket is shown launching, with a bright orange and yellow flame at its base. A white, curved line representing a satellite orbit surrounds the rocket. At the bottom of the shield, the words "BLUE ORIGIN" are written in a smaller, white, sans-serif font. The entire logo is set against a dark blue background with small white stars.

Imagine a world where the principles of everyday comfort and style intersect with the cutting-edge technology required for space exploration. This lesson explores the intersection of fashion, sustainability, and space suit design. What we wear can represent who we are, where we come from, and our vision of the future. Clothing has the power to tell a story—so, what story will you tell?

A full-body photograph of an astronaut in a white spacesuit standing on the lunar surface. The astronaut's helmet visor reflects the lunar module and the Earth in the background. The suit features a NASA patch on the right chest and an American flag on the left. The astronaut is holding a small object in their gloved hands. The ground is covered in lunar dust and small rocks, and the background is the dark, cratered surface of the Moon.

Throughout history, clothing has been used as a story-telling tool to represent our identities and the beliefs that shape us. Cultural celebrations or ceremonies often spotlight traditional clothing which can symbolize various milestones, victories, and religious observances. Learn why Indigenous fashion leaders say you should care about what you wear.



UNIQLO is a clothing apparel company, which was originally founded in Yamaguchi, Japan in 1949 as a textiles manufacturer. Now it is a global brand with over 1000 stores around the world. Redefining clothing, with a focus on quality and textiles which has been unwavered since the company's origins in 1949. Learn about Uniqlo's focus on sustainable materials.



Space is an extreme environment for humans, it can be very hot and very cold. Space is also a vacuum, meaning there is no air for astronauts to breathe, or pressure to keep the astronaut's body in equilibrium. Engineers design space suits with these considerations in mind to keep astronauts safe from the harsh environment of space. Scan the QR code to learn more about how space suits are made.



# LUNAR COUTURE



## The Science and Art of Space Suit Design

### Space Suits

Space suits have evolved from the early balloon-like outfits to the high-tech, flexible suits we see today. They are essential for keeping astronauts safe in the space. Who knows? Maybe one day, you'll be wearing a space suit and exploring the stars!



### Space Race Impact on Fashion

Fashion in the 1960's was heavily influenced by the space race, which was the competition between the Soviet Union and United States to be the first to achieve various space milestones. In the U.S., modern fashion included go-go boots, metallic and vinyl fabrics, color blocking, unisex clothing, and visors and helmets, to represent the fashion of the future.



### Your Turn!

Blue Origin's Blue Moon and NASA's Artemis programs strive for lunar permanence, or the long-term occupancy of humans on the moon. To achieve Blue Origin's mission of millions of people living and working in space, space should look like all the populations of Earth. Lunar permanence would require space suits that keep humans safe for long periods of time. For this reason, spacesuits should be designed to prioritize safety and mobility, and tell the astronaut's story. What story would your space suit tell? Draw it on a digital postcard and send your space suit to space on the New Shepard rocket.



### Learn more at [www.clubforfuture.org](http://www.clubforfuture.org)

Founded by Blue Origin, Club for the Future is a nonprofit with the mission to inspire and mobilize future generations to pursue careers in STEAM (science, technology, engineering, arts, and math) for the benefit of Earth. The Club and its partners are doing this through the Postcards to Space program, providing space-focused lessons and events, and activating ambassadors around the world.