

Please draw what you predict a house in the future might look like.

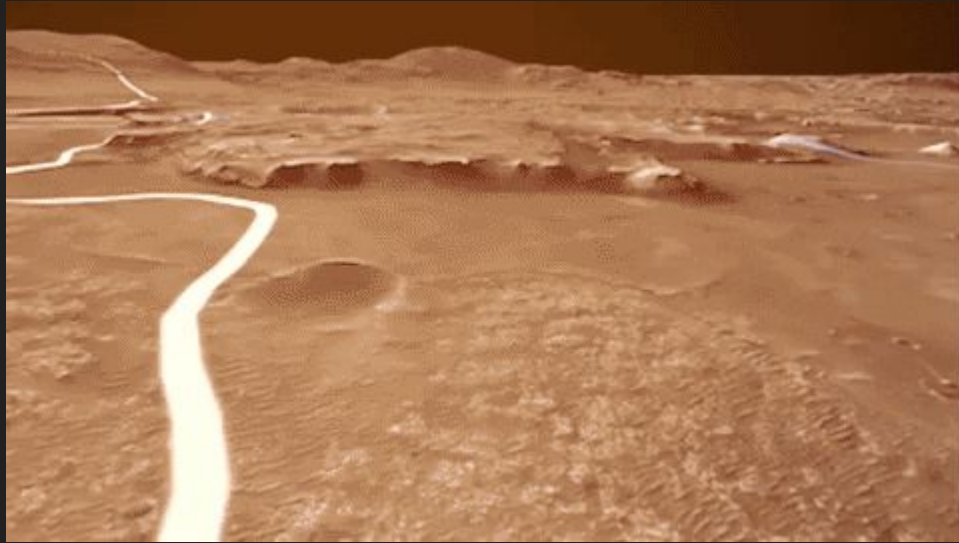
Add as many details as possible. Your goal is to create a home that keeps people safe, happy, and healthy.



## Where we'll be living...

- The temperature ranges from -190 degrees Fahrenheit to +86 degrees Fahrenheit
- Little access to water, except frozen ice located mostly underground
- Mostly carbon dioxide in the atmosphere (not breathable)
- Very little sunlight
- Reduced gravity (0.3x Earth's gravity)
- Sandstorms and a very rocky surface

On your page, please brainstorm: what do you **ALREADY** know about Mars?

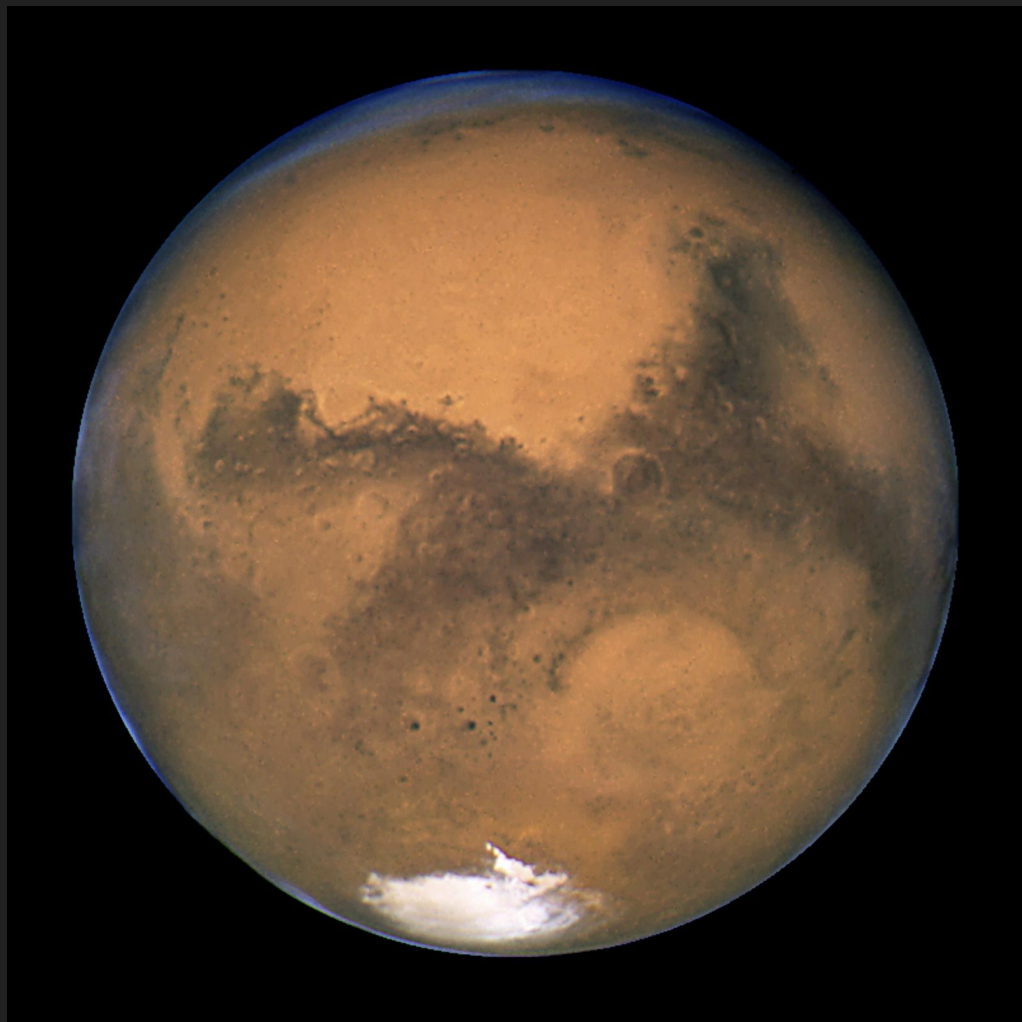




What did people in the past think about  
Mars?

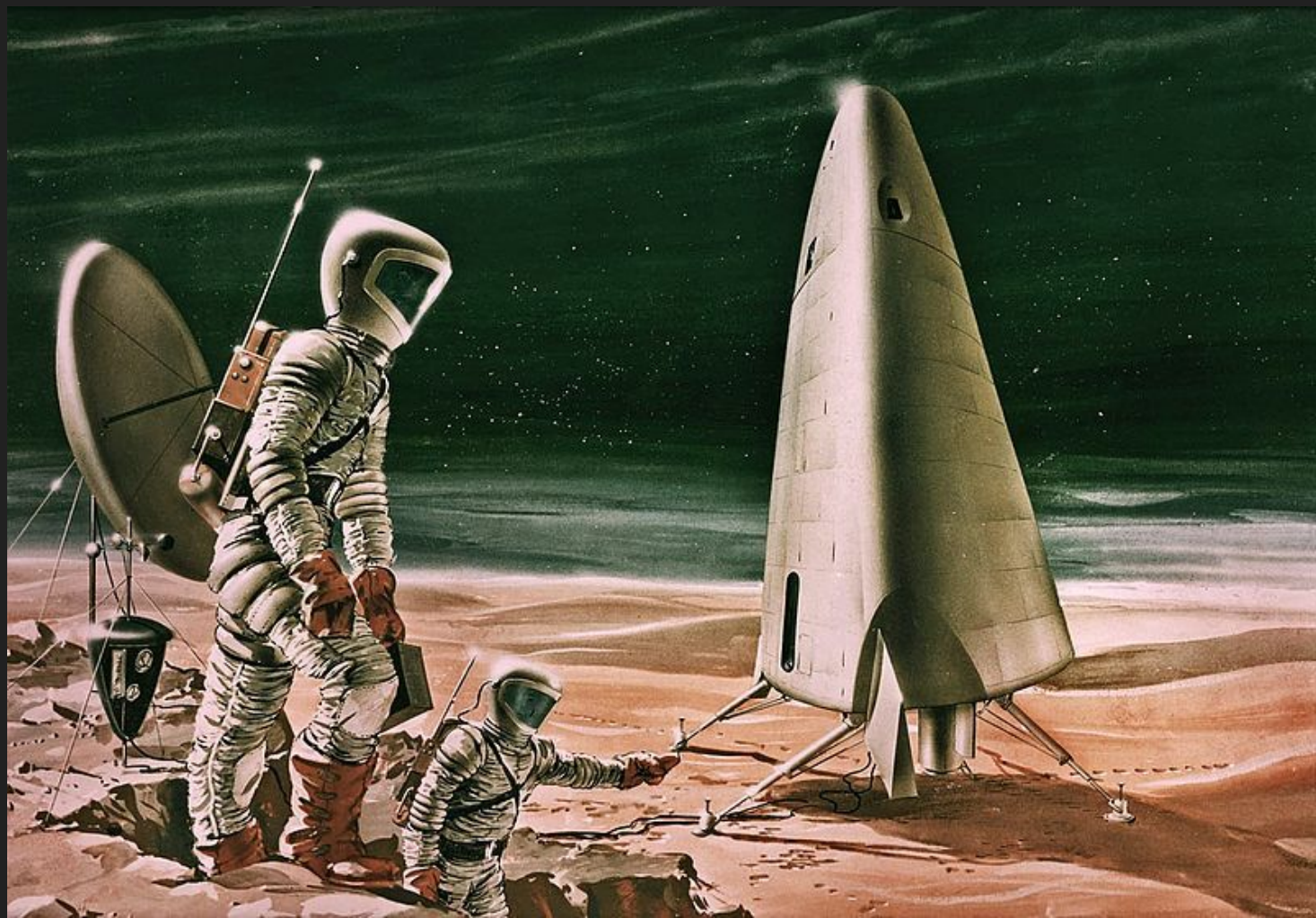
Scientists of the past were limited by the technology of their time.  
This was one of the clearest photos of Mars up until the 1960s.





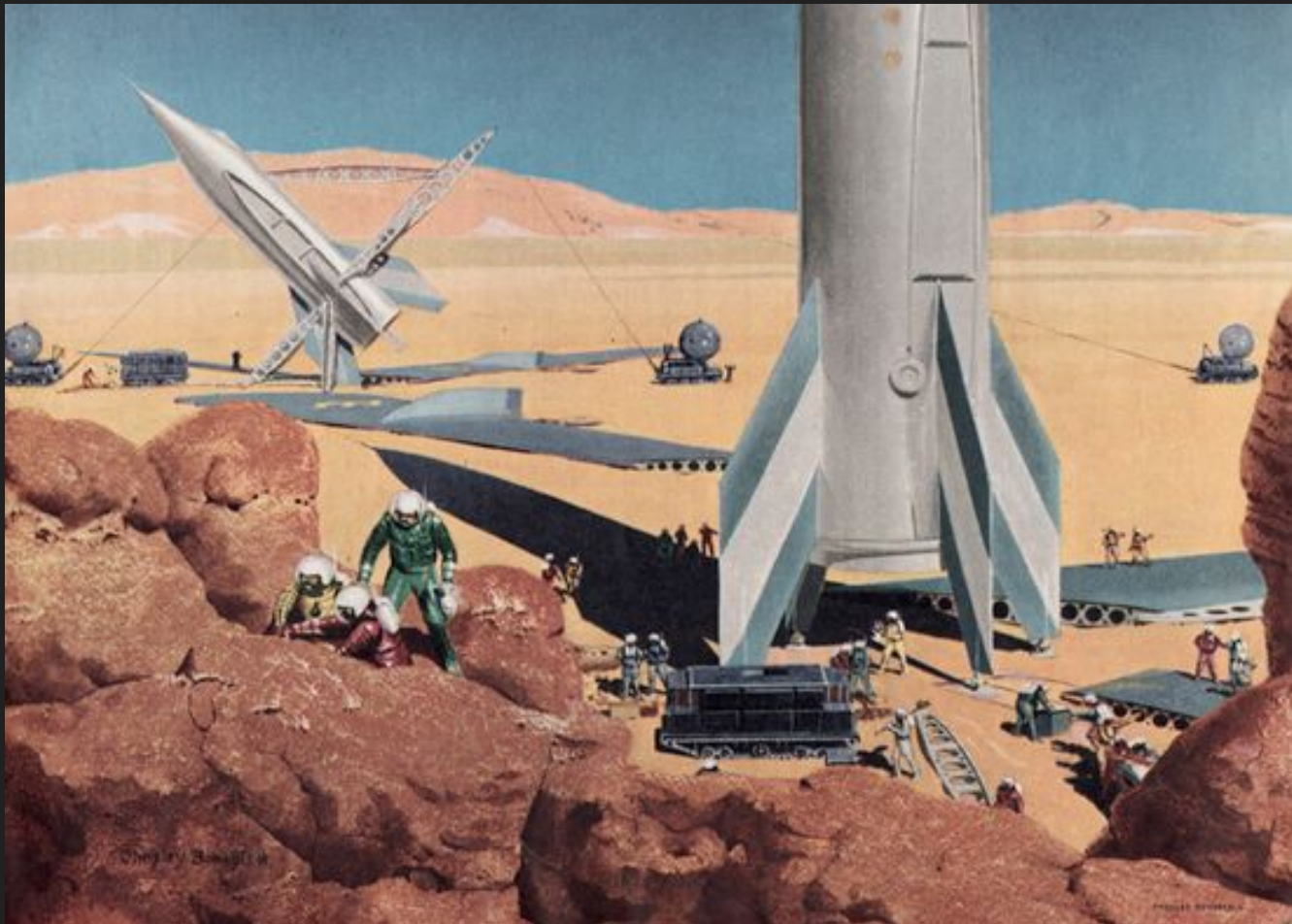


What are some artists' imaginings of what humans on Mars might look like?



Mars, the mystery planet of sandy deserts. Careful study through telescopes indicates that some form of vegetation grows there each year, like crops do on Earth. There *may* even be animals there, with big lungs to gulp in the thin air. One day man will land there to find out!

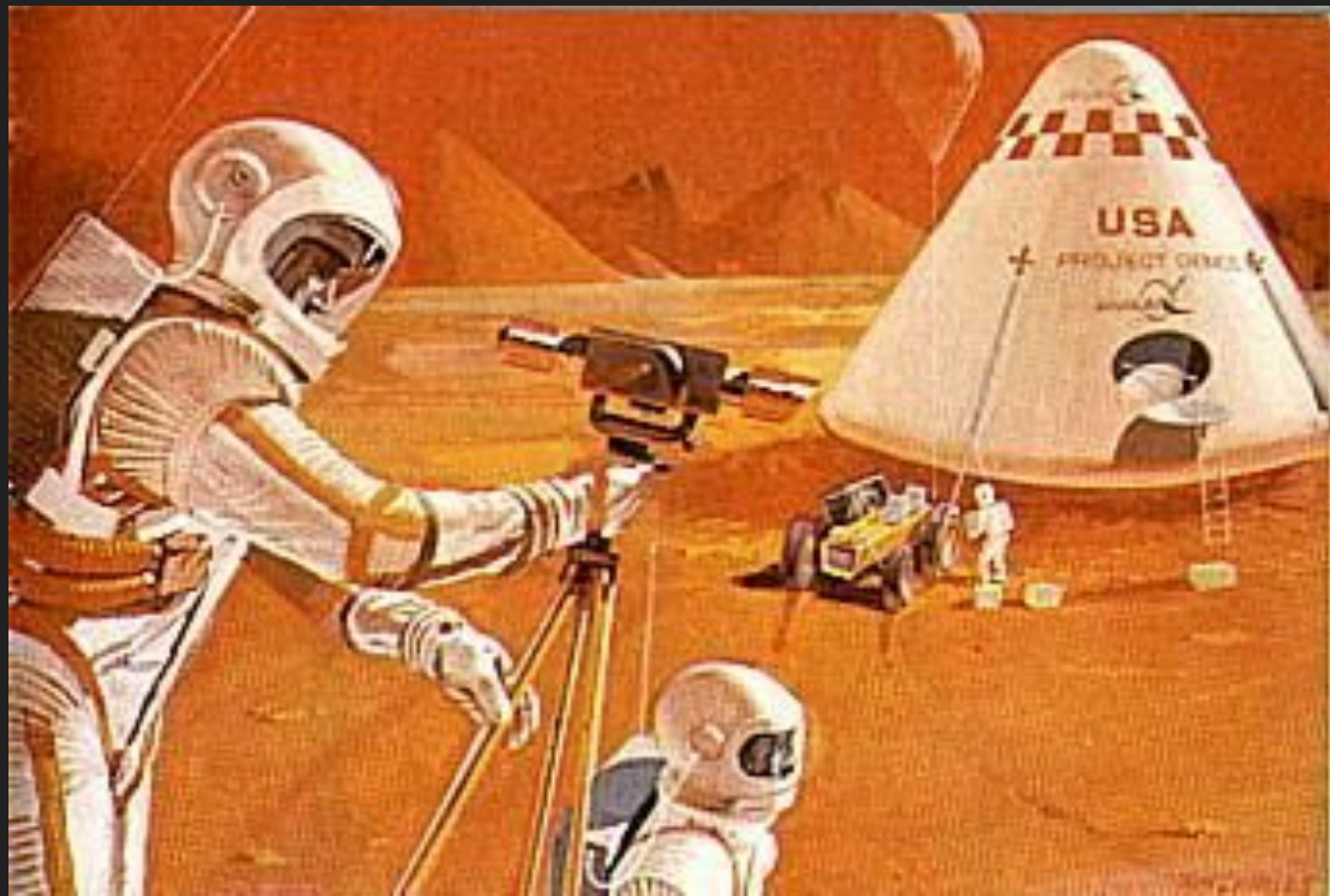




Gregory Buehler

PHOTO BY GREGORY BUEHLER



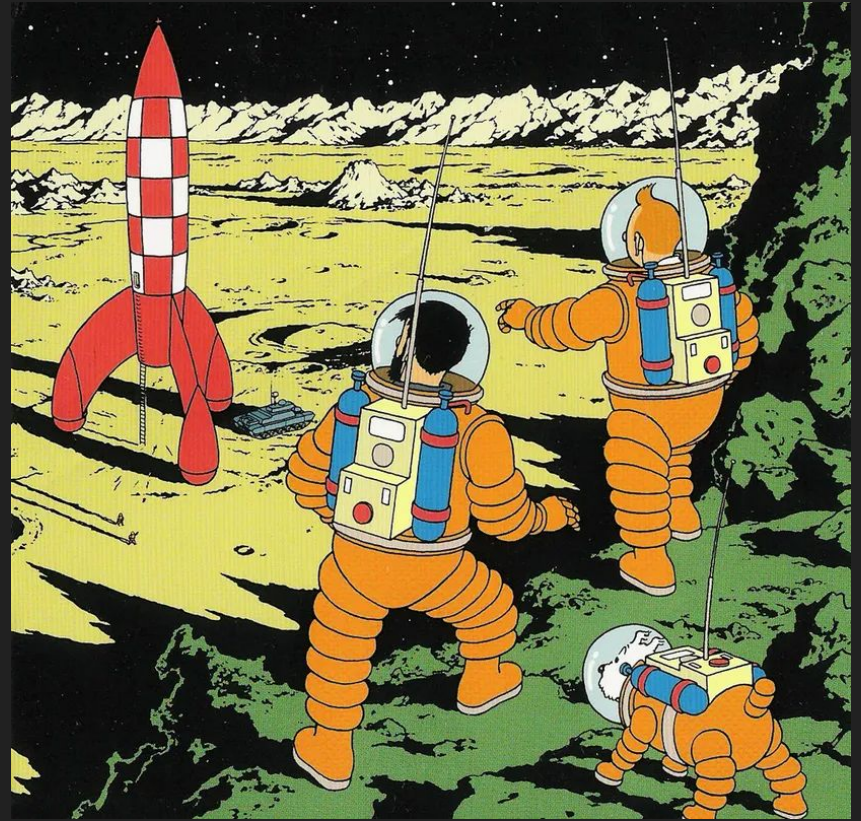


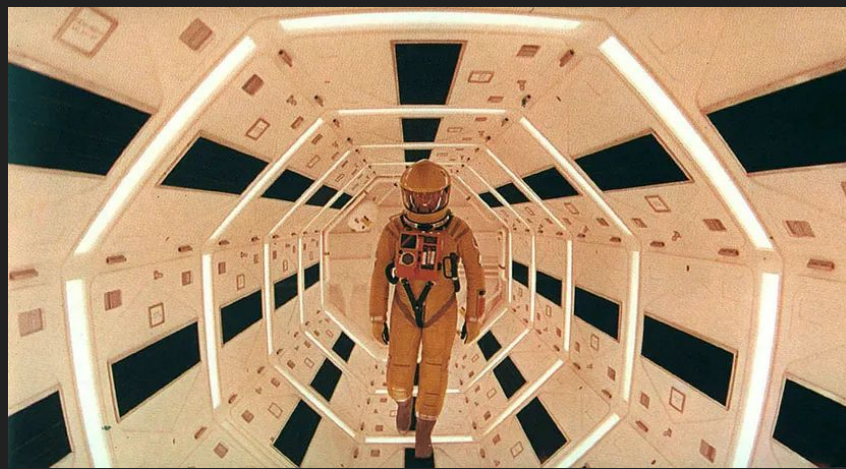
# Spacesuits: The Ultimate 'Techware' Clothing



# Spacesuits in Science Fiction: Could They Work in Real Life?









Let's look at examples through history!

## A Progression of Space Suits: entries show model number, related mission, and year of development or use.

SK-1, Vostok missions  
worn by Yuri Gagarin  
1961



Mark IV, Mercury  
worn by John Glenn  
1962



B1-A  
experimental, Gemini  
early 1960s



RX-2-A  
experimental, Gemini  
1964



A4-H  
experimental, Apollo  
1964



RX 2  
experimental, Gemini  
1964



G3-C, Gemini mission  
worn by Gus Grissom  
1965



Krechet-4  
experimental, Moon  
1967



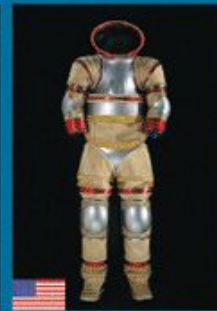
Mark V  
experimental, Apollo  
1968



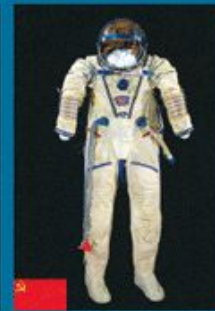
EX1-A  
experimental, Apollo  
1968

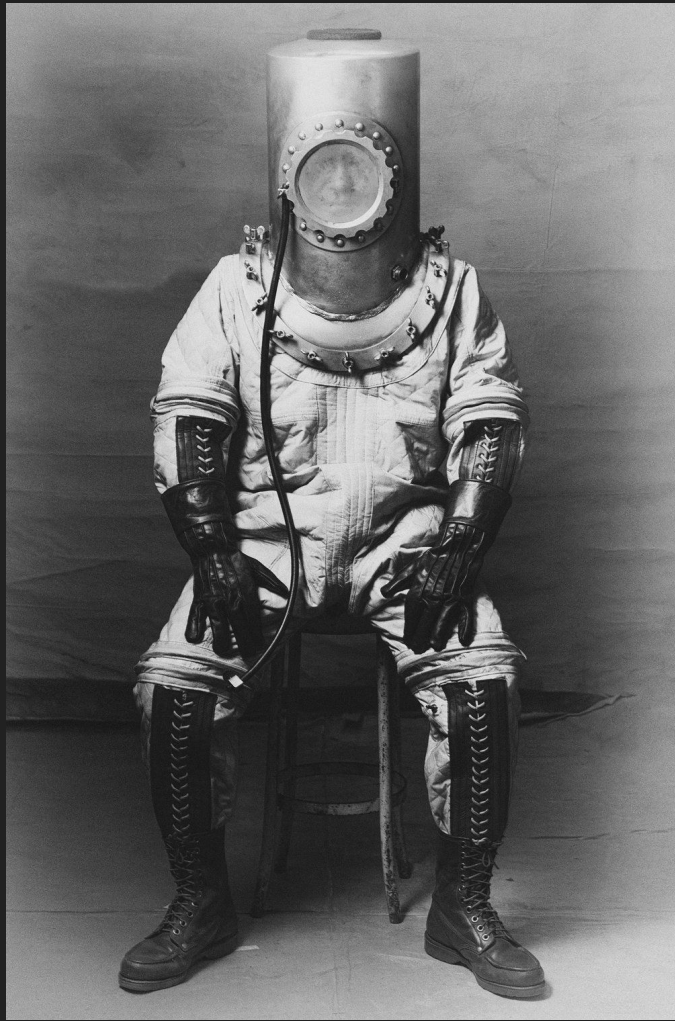


AX-3  
experimental, Apollo  
1977

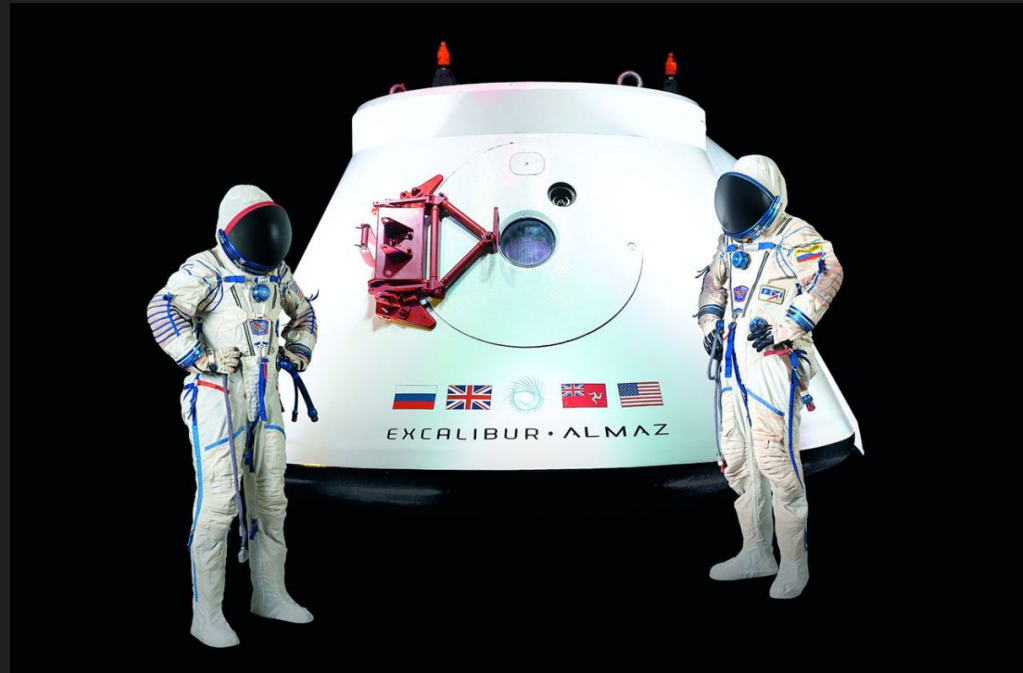


Sokol KV-2  
Worn by Dennis Tito  
2001



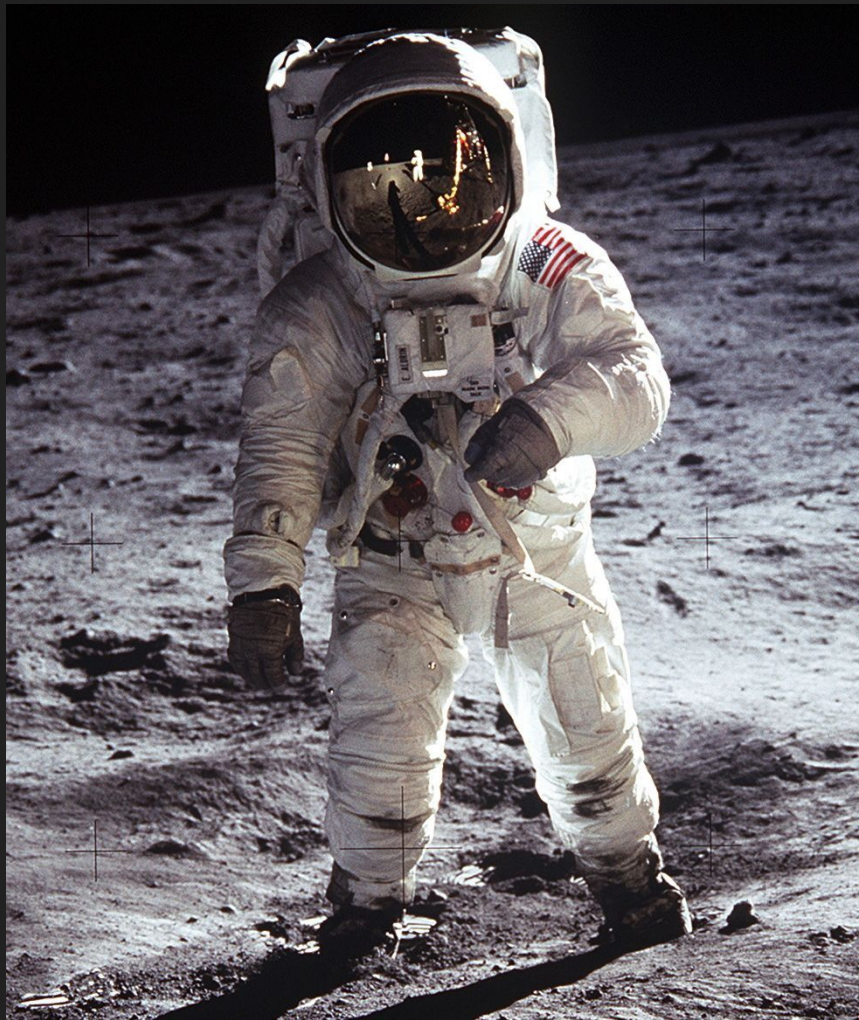
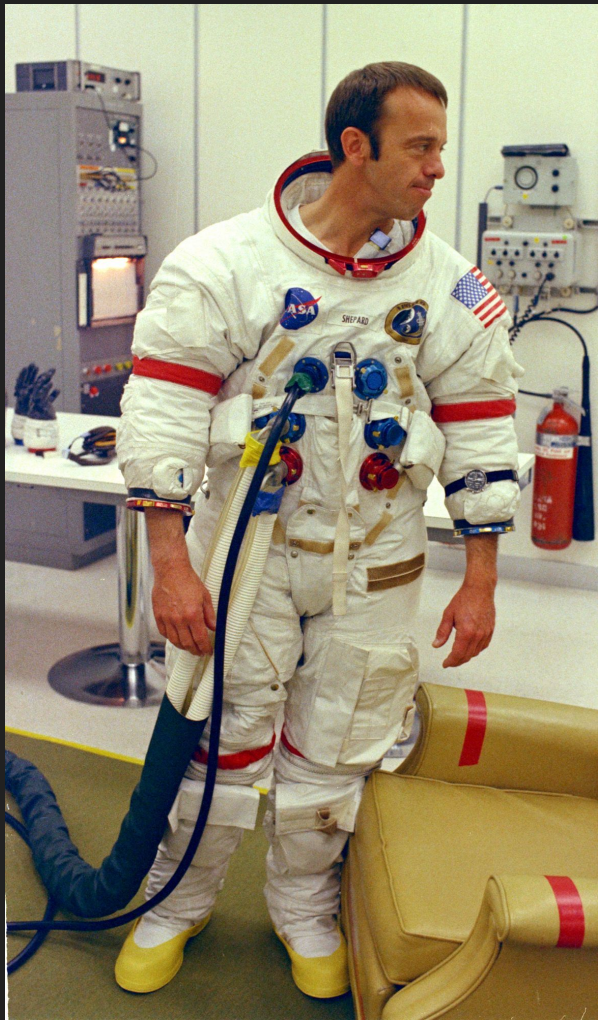
















The future of spacesuits?



On your paper, please design a spacesuit you think could survive on MARS!