

LIFE ON MARS: EXPERTS VISUALISE WHAT LIVING ON THE RED PLANET WOULD BE LIKE FOR HUMANS



INDEPENDENT



Architectural experts have drawn up prototypes of what living conditions on [Mars](#) might be like when the [Red Planet](#) is colonised by humans.

A panel of specialists worked alongside a visualisation team to predict how future Martian homes are likely to look, with interior and exterior images released for a variety of futuristic residential builds.

The team produced particulars for three distinct dwellings; an apartment aimed at young professionals, a family home and a luxury mansion.

Key considerations include light and how to protect the living area of homes from [cosmic](#) rays and hazardous levels of radiation, as well as insulation from the cold and protection from severe dust storms.

The drawings have been produced after research revealed one in 10 Britons would move to Mars tomorrow, with a sense of adventure, enjoying more space and escaping human dangers on [earth](#) among the top reasons for swapping planets.

[Stephen Petranek](#), author of the book *How We'll Live on Mars*, said: "It's exciting to think that humans will be living on Mars far sooner than most people think."

He added: "For this forward-thinking project, we've predicted what different homes on Mars might actually look like, with options to suit a range of budgets. There are plenty of elements to consider, from ensuring an adequate shield to the harsh radiation Mars endures because its atmosphere is so thin, to the need for homely touches reminiscent of Earth.



Ultimately, living on Mars must seem more appealing and psychologically inviting than living on Earth or not enough people will want to make a new life there.

“As we make these predictions now, we can only wonder what designs we will actually adopt as hundreds of thousands of people eventually move to the Red Planet.”

The Mars apartment block features a number of living pods aimed at individuals and couples, with tunnels leading to a central [shared garden](#) and work spaces.

It is protected from the sun's rays by tinted glazing featuring coating technology developed to filter out the radiation and rammed earth walls, designed to protect from the cold as well as cosmic rays.

The family home is built within a protective cave, with a driveway leading to an inbuilt garage as well as a conservatory-style veranda made from protective glass that offers a small indoor garden area.

The kind of natural light we would usually get from our windows on Earth is simulated via [LEDs](#) and camera systems that can show the outside landscape in real-time to mimic windows, and could even be programmed to provide other vistas.

For example parks, forests, rivers - familiar sights from Earth that our Martian residents might be missing.

The mansion is part of a crater community, offering show stopping vistas across the cavity from three levels.

It boasts a huge living space with private indoor garden and multi-gym that allows for 'outdoor' activities such as sports to take place in an [artificially-oxygenated](#) environment as well as a car port that can hold multiple vehicles.

According to the National Geographic which is running the series MARS, a fifth of respondents thought that it will be possible to move to Mars within their lifetime, and there is a significant appetite to make an interplanetary move.

One in six revealed that with people struggling to get on the housing ladder on Earth, buying property on Mars is looking like a more attractive prospect.

The opportunity to enjoy a better quality of life, the desire to seek new adventure and the need to flee human dangers on Earth such as war would be the most likely factors to precipitate a move to Mars.

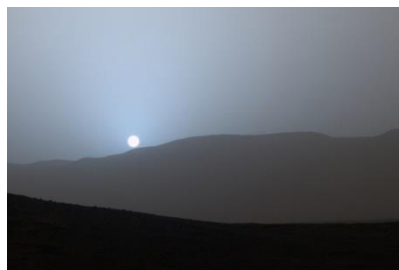
However, almost nine in 10 predicted they would miss some aspects about life on Earth, including their pets and even the [British weather](#).

MARS series two is on National Geographic every Sunday at 8pm.

MARS CHARACTERISTICS:

Mass:	6.42 x 10 ²³ kg (10.7% Earth)
Moons:	2 (Phobos & Deimos)
Surface Temperature:	-153 to 20 °C

- **Mars has the largest dust storms in the solar system.**
They can last for months and cover the entire planet. The seasons are extreme because its elliptical (oval-shaped) orbital path around the Sun is more elongated than most other planets in the solar system.
- **On Mars the Sun appears about half the size as it does on Earth.**
At the closest point to the Sun, the Martian southern hemisphere leans towards the Sun, causing a short, intensely hot summer, while the northern hemisphere endures a brief, cold winter: at its farthest point from the Sun, the Martian northern hemisphere leans towards the Sun, causing a long, mild summer, while the southern hemisphere endures a lengthy, cold winter.



- **There are signs of liquid water on Mars.**
For years Mars has been known to have water in the form of ice. The first signs of trickling water are dark stripes or stains on crater wall and cliffs seen in satellite images. Due to Mars' atmosphere this water would have to be salty to prevent it from freezing or vaporising.

Answer the questions

- Do you have the habit of observing the stars during the nights? Talk about some stars or planets you know...
- Do you believe in horoscope or Family Constellations? Read about your horoscope today... Is there something about you?

"Family Constellations are a way of discovering underlying family bonds and forces that have been carried unconsciously over several generations."

- Do you believe in intelligent lives around the universe? How do you imagine that?
- Do you think it would be a good idea the attempt of contacting them?
- Do you believe in the theory of Big bang?
- After the sun, Alpha Centauri is considered the closest solar system which is composed of 3 stars. According to scientists, Proxima B would be a possibly habitable exoplanet that is about 4 light years from Earth. Do you believe we will have technology to visit other planets before our extinction?
- Trips to Mars may be possible in the next few years. Would you like to meet other planets through a space travel?
- Have you ever heard about parallel universe or multiverse? What do you think about it?
- **(déjà-vu)** Have you ever visited a place for the first time and felt it was familiar? Or maybe you're deep in conversation with a friend and you suddenly get the feeling that you've had the exact conversation before, even though you know that you haven't. Sixty to 70 percent of us admit to getting this feeling at least once in our lives. Have you ever had these feelings? Talk about an experience you had...
- "Agroglifos" are very popular in Brazil. They are big marks made in plantations of mysterious form or UFO. What do you think about that?

