



NÜWA

In 2015, a group of experts from different backgrounds were summoned to think about what a city on Mars would be like. Among them were astronomers, geologists, architects, engineers and sociologists, and they all faced a lot of unanswered questions: how can we get there? How can we live in a hostile environment? Where will essential supplies like water and food come from? How will we get energy? What will we do with waste? How would a human society on Mars be organised? Núwa is a project, a city. It is the future capital of Mars.

Nüwa is named after a Chinese goddess: the creator of all humankind. It was designed to answer all of these questions and provide a guide for humans to settle on Mars. The first people who will go to Mars have already born... So perhaps your child will be one of the first astronauts to make us an interplanetary species!

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Text

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The book will focus on three main aspects:

The planet

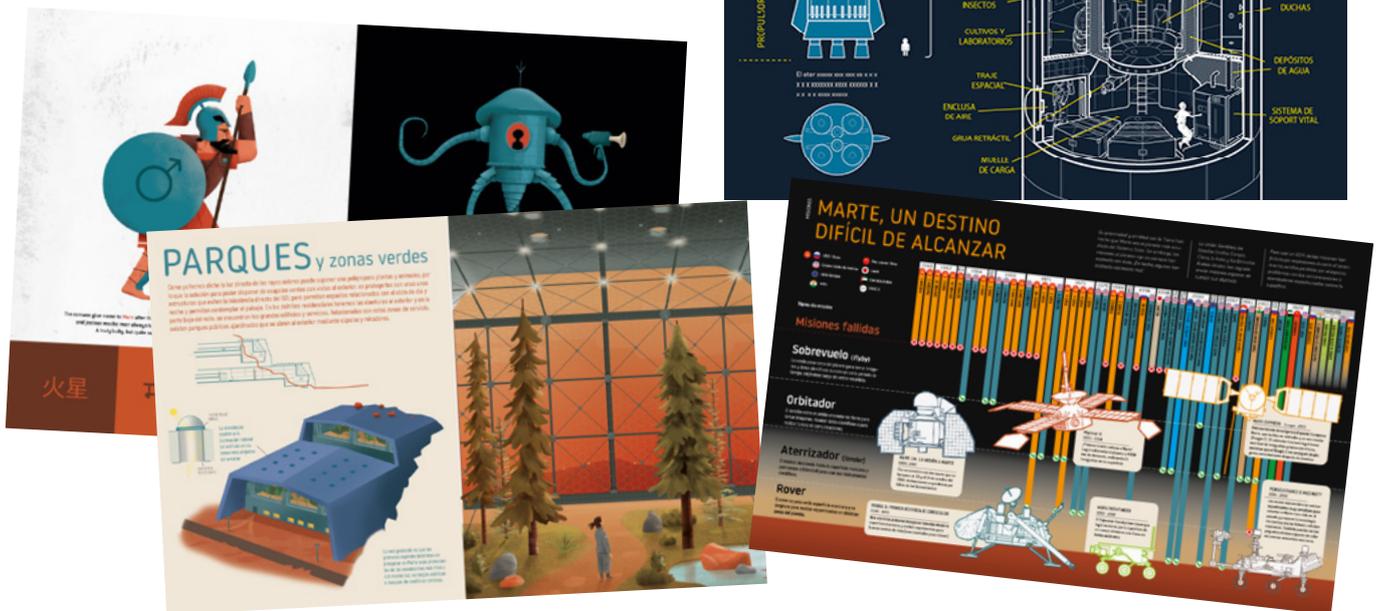
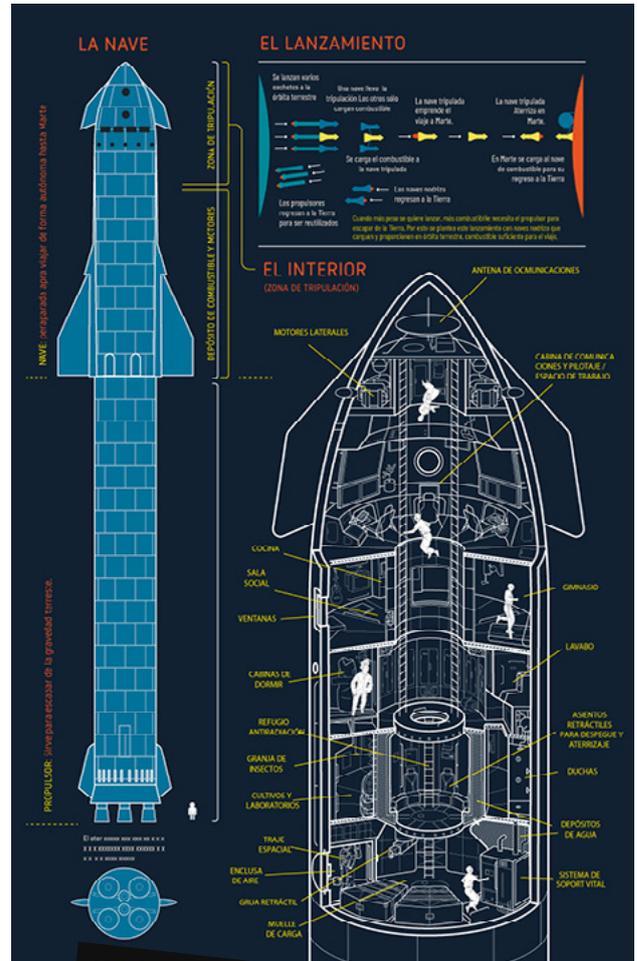
Information on the planet's harsh conditions and the dangers and challenges humans will face to reach and live on Mars.

The journey

A look at past, present and future Mars exploration. What will the spacecrafts that take us there in the near to mid-term future look like?

The city

Details of the city with a million inhabitants, starting with the first settlements. Including its architecture, politics, arts and social life.



The book has some significant philosophical and environmental implications, as such a society will need to work and collaborate in order to survive on Mars and create a 100% sustainable city.

- The mythology
- Mars and the land
- Phobos and Deimos
- Solar wind
- Radiation
- Magnetic shield
- Climate
- Orbit
- Why go to Mars?
- How to get to Mars
- The trip
- Spacecrafts
- First missions
- In search of life
- In search of water
- Space shuttle
- Living on Mars: NÜWA
- NÜWA - The city
- NÜWA -Housing
- NÜWA -Transport
- NÜWA - Food
- NÜWA -Factories and resources
- NÜWA - Energy
- NÜWA - Politics and the economy
- NÜWA - Services
- A new world to explore
- Terraforming
- Space genetics
- Adaptation of the species
- Planetary civilizations
- Beyond Mars