

ON MARS TODAY

Brief 2: Collect the Mars facts
Research is an essential part of the design process.
Fact 1: Find three words to describe the terrain.
Fact 2: How much oxygen is there? **Fact 3:** How much liquid water is there?

IMAGINING MARS

Brief 1: Design a machine to explore Mars
Professor Sanjeev Gupta has a rover to help him explore rocks on Mars but he needs a new one. Can you make him one from Lego?

YOUR MISSION: DESIGN FOR MARS

To survive our trip to Mars we need your help! Will you be our designer today?

Look out for this rocket in the exhibition to find your next brief!



THE VOYAGE

Brief 3: Design a dining table for astronaut Tim Peake
How do you sit down to eat when there is no gravity and your food, plates and chairs just float away? Design somewhere for Tim to enjoy a meal.



BACK DOWN TO EARTH

Brief 6: How do you feel about going to Mars?
Vote now and see how many visitors agree with you.

SURVIVAL

Brief 4: Design a new building for Mars

Lots of the buildings in this room were entered into a competition set by NASA. NASA offered over \$3 million worth of prizes to entrants. There's no cash prize for this challenge but draw a building for Mars on the table and maybe someone from NASA will see it and get in touch!

5

MARS FUTURES

Brief 5: How might the human body change for life on Mars?

Let your imagination run wild and sketch the most extreme human of the future you can imagine.

6