



Fill in all the gaps: -

Exploration – Martian – red planet- probe- oxygen -extra- terrestrial

The Emirates Mars Mission "Hope Probe" will be the first  to provide a complete picture of the  atmosphere and its layers when it reaches the red planet's orbit in 2021. It will help answer key questions about the global Martian atmosphere and the loss of hydrogen and  gases into space over the span of one Martian year.

## WHY MARS?

WHY ARE WE EXPLORING MARS?

The  has captured human imagination for centuries. Now, we are at a junction where we know a great deal about the planet, and we have the vision and technology to explore further. Mars is an obvious target for  for many reasons. From our pursuit to find  life to someday expand human civilization to other planets, Mars serves as a long-term and collaborative project for the entire human race.