Missions like Rosetta and Cassini help us look back in time to the formation of the Solar System:

1a.1

and future.

The Solar System is a vast database of information. It can tell us everything we need to know about our planet's past

We can access this information by sending spacecraft to study

planets, comets and asteroids. But it's a bit like the internet there is so much information, that you need to limit your search to a few key questions...

1a.3

Titan, Saturn's largest moon, resembles a primordial Earth, with orange clouds and maybe oceans of methane.

Huygens will search for clues to how organic chemicals turned into life.

1a.4

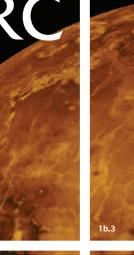
1b.1

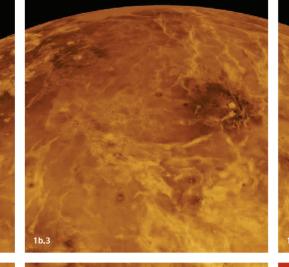
Our closest planetary neighbours are very different places. Venus has a runaway greenhouse effect and Mars is rather lacking in atmosphere.

Could similar fates await the Earth? The Venus Express and Mars Express missions are going

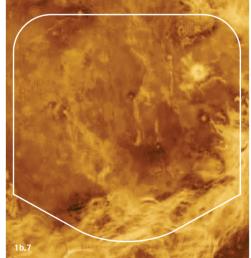
PP-\RC

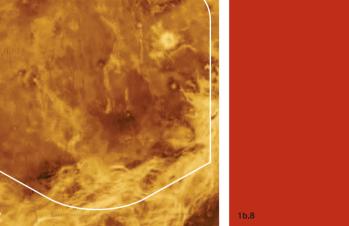
www.uk2planets.org.uk

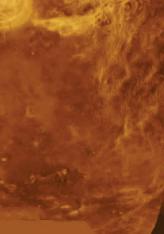


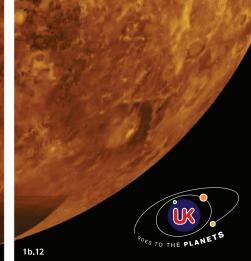












1b.9

1b.10