



ROYAL
OBSERVATORY
GREENWICH

Venus

Solar System



Holiday



Solar System Holiday



Venus

Welcome to the hottest planet in the Solar System where the temperature can reach a scorching 470°C! Venus has a very thick atmosphere that traps the heat it gets from the Sun so that the temperature at night is almost the same as it is during the daytime. Venus also does not have seasons so you cannot even look forward to the cooler weather in winter!

Even though Venus is closer to the Sun than the Earth, it is actually quite hard to see the Sun in Venus' sky and you would not be able to see any stars at night. This is because the clouds on Venus are so thick.

Spacecrafts that have landed on Venus have taken photos of Venus' orange sky and those in orbit have even detected lightning. If you are looking for any rain though you won't find it here because there is no water on Venus.

One year on Venus is 226 Earth days long. Venus spins on its axis very slowly, in fact, it takes so long that one spin takes 243 Earth days!

Venus is sometimes called the Earth's sister because they have very similar sizes.

Type of object	Planet
How many can you fit inside the Earth?	1
Number of moons	0
What is it made of?	Rock
Main colour	Yellow
How long is a year?	226 Earth days
How long is a day?	243 Earth days
Does it have seasons?	No
Minimum temperature (°C)	430
Maximum temperature (°C)	462

