



## Planet Venus



**Venus** is one of the brightest objects in the sky and has often been called the morning or the evening star. **Venus** is the second planet from the Sun, and is the closest planet to **Earth**, but it does not have any oceans or life forms like **Earth**.

Thick, rapidly spinning clouds blanket **Venus**' surface; these clouds do not let any sunlight pass through to the planet's surface. This makes the planet act like a greenhouse. If you have ever been in a greenhouse, you probably know how warm it can get inside! **Venus**' thick atmosphere allows the Sun's heat in but does not let it escape. Creating a world with surface temperatures that can reach over 450°C, hotter than daytime on **Mercury**, the closest planet to the Sun.



**Venus**'s rotation is somewhat unusual in that it is both very slow (234 **Earth** days per **Venus** day) and it is also the only planet in our solar system that rotates "backwards". This means someone standing on **Venus** would see the Sun rise in the West and set in the East as opposed to what we are used to on **Earth**.



## How heavy would you be on Venus?

If you weigh 34 kg (75 lb) you would weigh 30 kg (68 lb) on **Venus**. To calculate your weight, all you have to do is multiply your weight (kilos or pounds) by 0.907.



## How old would you be on Venus?

Can you guess how old you would be on **Venus** if you are 10 years old here? **You would be 16 years old on Venus!**