

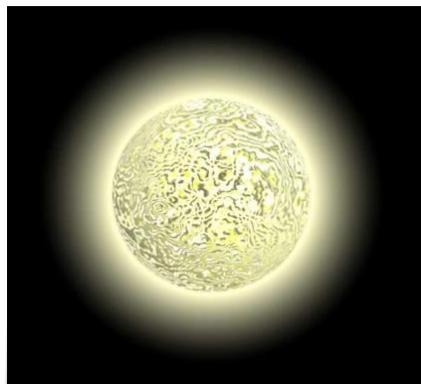
# Solar System Facts – Part II

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## Amazing Solar System Facts for Kids

### Solar System Fact - 1

Our Sun might be the big daddy of our Solar System family, but when we compare it to other stars in the Universe, it is just too small. Most probably it will end its life as a white dwarf star.



White Dwarf

### Solar System Fact - 2

Edge of the Solar System is not Pluto's orbit as normally considered. However, it extends beyond in the form of the Kuiper-belt and Oort cloud. Kuiper belt is the region of asteroids similar to a region between the Mars and the Jupiter and the Oort cloud is the spherical region covering the entire Solar System. It contains numerous comets.



Representation of the Oort Cloud

### Solar System Fact - 3

We measure the size of the Solar System in AU (Astronomical Unit). 1 AU is equal to the distance of the Earth from the Sun. The outer extent of the Oort Cloud is considered to be the "edge" of our solar system, where the Sun's physical and gravitational influence ends. So, our Solar System is about 100,000 AU in diameter.

### Solar System Fact - 4

Some astronomers believe that apart from eight numbers of known planets, one more planet exists, which orbit at a far distance from the Sun somewhere outside the Kuiper belt. They name this ninth planet, "Super-Earth".

### Solar System Fact - 5

The largest moon of the Saturn - Titan, has topography similar to that of the Earth. It also has rivers, lakes, and mountains as we have on the Earth but with a slight difference. The rivers on Titan are made of liquid methane gas and mountains of frozen water.



Titan's Surface which looks similar to that of the Earth

### Solar System Fact - 6

Ceres is the largest rock in the asteroid belt with a diameter of approximately 945 kilometers. Ceres has been recently promoted to the category of dwarf planets.

### Solar System Fact - 7

Water once considered a rare substance in the Universe is not so rare after all. Most of the planets, comets, and moons have water in one form or the other.