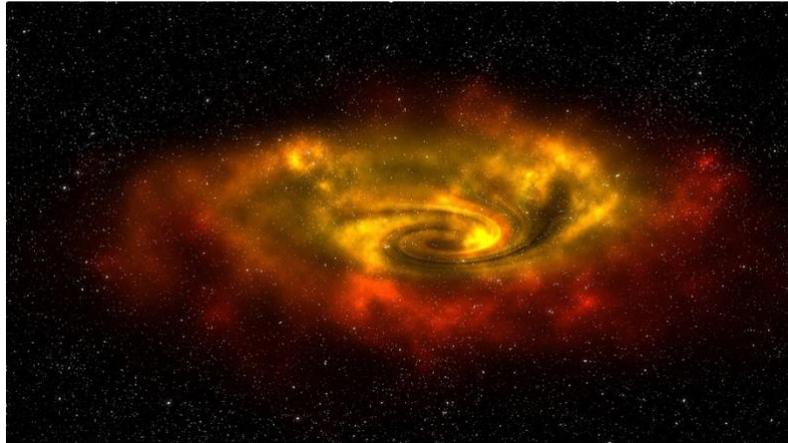


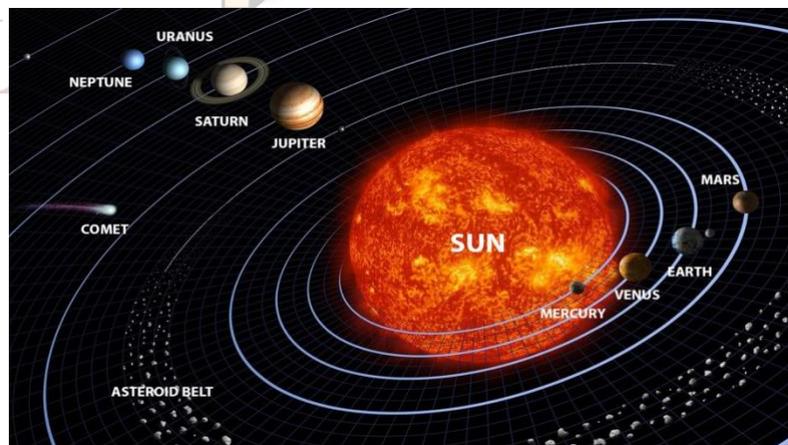
Solar System Facts

Basic Solar System Facts for Kids



Whirling cloud of gas and dust

1. The [Solar System](#) has formed about 4.6 billion years ago from a cloud of gas and dust spinning around a newly formed star, the Sun.
2. The Sun our star is at the center of the [Solar System](#) and it holds everything in place by an invisible force called gravity.
3. The Sun comprises an of total 99.8% mass of the whole [Solar System](#) and the remaining 0.2% comprises all other objects like planets, comets, meteoroids, asteroids, etc.



The Solar System – the complete family of the Sun along with all 8 planets, comet, asteroid belt and moon

4. There are eight planets in our Solar system - Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. The largest of them is Jupiter and the smallest is Mercury.

5. The first four planets are primarily composed of rock and minerals while the other four are gas giants.
6. The asteroid belt is a region between planet Mars and Jupiter, which contain around 40,000 rocks.
7. Apart from eight major planets, there are 5 dwarf planets - Pluto, Ceres, Haumea, Makemake, and Eris.
8. As the planets revolve around the Sun. Similarly, natural satellites or moons revolve around planets. All planets except the Mercury and the Venus have moons. Jupiter has the highest number of 63 moons. Ganymede, the moon of the planet Jupiter is the largest moon of our Solar System. Its diameter is 5263 kilometers.



Location of the Solar System in the Milky Way

9. The Solar System revolves around the center of the Milky Way at a speed of 285 kilometers per second and completes one revolution in 224 million years.
10. The planet Venus is the hottest planet of our Solar System with a surface temperature of around 500°C. Although planet Mercury is closest to the Sun, still Venus is hotter due to the presence of a huge amount of greenhouse gases on it.

Learning Made Easy

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