The solar system comprises of the sun and other planets essentially the sun is the principal element in the solar system. Firstly the term “solar” is simply a word that means “of the sun”. Secondly a system is just a collection of objects that interact to form a whole. Thus, putting the two words together it can be referred to that the solar system is a group of objects that interact with one another, the fundamental interaction for each object being one it has with the Sun. Our solar system has 8 planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. There are many different types of objects found in the solar system: a star, planets, moons, dwarf planets, comets, asteroids, gas & dust. In terms of numbers of each of these objects are as follows

1. 1 star (the sun)
2. 8 planets (Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus& Neptune)
3. 5 dwarf planets (Pluto, Ceres, Haumea, Makemake& Eris)
4. 181 moons
5. 566,000 asteroids
6. 8,100 comets