

**Vidya Bhawan Balika Vidyapith, LKR.**

**Class-6<sup>th</sup>, Sub. -Social Science, Date-19-04-2021**

### **Ch1-The Universe(Geography)**

#### **The Solar System**

The solar system is name given to the Sun, all the planets that revolve around it, their satellites or moons, meteors, comets & asteroids. The Sun, the planets & their satellites, all have their own gravity of different strengths., their pull on each other is what holds them in place in the solar system & keeps them where they are.

Each planet takes a certain amount of time to complete one revolution around the Sun. This is called its year. The farther a planet is from the Sun, the longer is its year. Mercury, the closet planet to the Sun has a year of 88 earth days. Neptune, the planet farthest from the Sun, has a year of 60,266 earth days. The Earth takes 365  $\frac{1}{4}$  days to complete one revolution around the Sun.

#### **The Sun**

The Sun is at the centre of our solar system. It is a medium-sized star. Its diameter is over a hundred times that of the earth. It is a ball of burning gases, especially hydrogen & helium, and so it is very hot. The surface temperature of the Sun is about 5500° C which is 60 times that of boiling water. But we don't feel this heat because of huge distance between the earth and the Sun, which is about 150 million km.

The Sun is the only source of heat & light for the entire solar system.

**Punit Kumar**

