THE SOLAR SYSTEM

Friday, 30th September, 2016

Instructional Material Needed: A chart containing the sun and the nine planets.

Objectives

- What solar system is
- The sun and the stars
- The planets
- The moons

Introduction

The solar system is the system of the sun, the planets, their satellite(s) and the stars. In this system, the sun gives light to all the planets. The planets usually contain gases and have moons. Their moons help to light them up when the sun is not facing them. Stars are like the sun just that they are much smaller.

The Solar System

The solar system is the system of the sun and the nine planets revolving round it. The sun is very big and is at the centre. All the planets move around the sun in their own orbits. Orbit is like track. The sun gives the planets light and solar energy.

The Sun and the Stars

Stars are hot masses of gases. There are many stars in space i.e. sky. The stars are usually visible at night. Stars vary in size and brightness. The sun is a star. It is very hot, bright and big. It is the biggest star in space. The sun shines all the time but we don't see it at night because the side we are

on the earth is not facing the sun. It is the sun that causes life to exist on earth.

The Planets

There are nine (9) planets in the solar system. The first is Mercury, the second is Venus, the third is Earth, the fourth is Mars, the fifth is Jupiter, the sixth is Saturn, the seventh is Uranus, the eight is Neptune and the ninth is Pluto. All the nine planets revolve (move) round the sun in their orbits. Some planets have moon(s). All the planets move in the same direction and gets their light from the sun.

Moons

Six of the planets are known to have moons. The moons resemble the planets, in that they are spherical (ball in shape). The earth's moon is much smaller than the earth. The moon has no water and no air. You cannot hear sounds on the moon because the moon does not have air to carry sound waves. The earth's moon rotates on its axis and revolves round the earth. The moon is the only natural satellite of the earth.

Questions

- What is solar system?
- What does the sun do in the solar system?
- Is the sun a star, how?
- Mention the nine planets