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Good Morning students,

This lesson is for class-III for the subject of social studies in which chapter 15 - "The Solar System" will be continued with the explanation of the topic - satellites, Moon and The stars. If all the students are ready then let us start our today's topic, which is given on page number- 91 of your textbook "Excursions-3".

The Satellites - A satellite is an object that goes around a planet. It does not have light of its own. Most of the planets have satellites. There are two types of satellites - Artificial satellite and Natural satellites.

Artificial Satellites - These are also called man-made satellites. These satellites give us a lot of information about other planets and about the weather. It also helps communication possible through telephone, television and radio signals. On



October 4, 1957, the world's first artificial satellite, Sputnik 1, was launched by the Soviet Union.

A model of Sputnik satellite

Natural Satellite :- Natural satellite the moon ^{It} Moon has no light of its own but we can see it from earth as it shines by the light of the sun. It has no air or water. So nothing can live or grow on the moon. Large pits found on the moon are called craters.



Moon

The stars :- The stars are self-luminous bodies.

It means they have their own heat and light. stars are made of hot, burning gases. They are usually very big in size but as



Stars

they are very far away from us, they look small and tiny like little dots in the sky. Our sun is also a star. It looks bigger and brighter because, compared to other stars, it is much nearer to the earth.

Constellation:- A group of stars forming a

definite pattern is called a constellation. Many groups of stars look familiar objects, such as tools or animals or people. Astronomers



Scorpius



Orion

have grouped the stars into 88 Constellations. Some of the familiar constellations are Ursa Major (Great Bear), Scorpius (Scorpion), Orion (Hunter) and Leo (Lion).

Differences between a star and a planet.

<u>Star</u>	<u>Planet</u>
They twinkle at night	They do not twinkle at night
They have light of their own	They have no light of their own
They are fixed at a point	They revolve around the Sun

That's all for today students. Please go through the assignment carefully and try to write the answers of the following questions.