



LESSON PLAN

SPECIFIC OBJECTIVES

The students will learn about

- ▶ stars, constellations, the sun, the moon, planets and the solar system
- ▶ movements of the Earth

TEACHING AIDS

Charts on different constellations, phases of the moon, movements of the Earth, blackboard, chalk, duster, globe and digital content.

TEACHING STRATEGY

- ▶ Start the chapter with Warm Up by asking simple questions on stars, the sun, the moon, etc., based on the previous knowledge of the students.
- ▶ Explain who astronauts are and show pictures of first astronaut and some others, also those from India.
- ▶ Similarly, explain what a spacecraft is and show pictures of different spacecraft.
- ▶ Explain what stars are, why they look small, why they shine, etc.
- ▶ Give a simple idea of constellation with the examples given in the chapter.
- ▶ Explain the features of the sun and make them understand that it is the ultimate source of energy on the Earth.
- ▶ Using teaching aids, explain features of moon, phases of moon, make the students understand that the moon is a natural satellite of the Earth.
- ▶ Using teaching aids, make the students understand about solar system and its members in a simple manner.
- ▶ Explain the features that make the Earth a livable planet.
- ▶ With the help of the globe, explain the two movements of the Earth.
- ▶ Sum up the chapter by going through the points given under the head 'Remember'
- ▶ Finally, help the students do all the exercises.

BOOST UP

- ▶ Ask the students to collect pictures of different constellations, planets and astronauts and paste them in their scrapbook.
- ▶ Explore NASA and ISRO websites and download useful information, pictures related to heavenly bodies and space.

EXPECTED LEARNING OUTCOMES

The students are able to understand about

- ▶ astronauts
- ▶ features of stars, the sun, the moon and the Earth
- ▶ movement of the Earth

EVALUATIVE QUESTIONS

The teachers may ask the following questions to evaluate the students.

1. What are planets? Name them.
2. What is the difference between a star and a planet?
3. Why is there no life on the moon?
4. How are days and nights caused on the Earth?