

VIDYA BHAWAN BALIKA VIDYAPEETH, LAKHISARAI

CLASS-3

SUBJECT-SCIENCE

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BASED ON NCERT PATTERN

Chapter-13,

The Sun, The Moon and The Stars

Points to learn:-

- **The study of heavenly bodies is called astronomy.**
- **The people who study astronomy, are called astronomers.**
- **Our space is a beautiful and mysterious place. It has stars, Planets , Satellites , and many other heavenly bodies.**
- **The Sun:-**
- **The Sun is the closest star to Earth.**
- **All planets revolve around the Sun.**
- **The temperature of sun's surface is 5400 °C.**
- **The Moon:-**
- **The Moon is the natural satellite of Earth.**
- **Moon takes about 28 days to revolve around the Earth.**
- **Moon has no lights of its own.**
- **There is no air and water on the moon.**

- There are huge holes on the surface of moon which are known as craters.
- The different shapes of Moon is called phases of Moon.
- Stars:-
- Stars are huge heavenly bodies which have light of their own.
- Sometimes stars appear in fixed groups or patterns . These are called constellation.
- People use telescope to observe the sun, moon, Planets and stars.

Practicum zone

A. Tick the correct option:-

1. The sun gives us

- a. Heat
- b. Light
- c. Both of them
- d. None of these

2. Which is the natural satellite of the Earth?

- a. Aryabhata
- b. Sun
- c. Moon
- d. Star

3. A huge ball of fire which gives us light is

- a. The moon
- b. The Sun

- c. The Earth
- d. None of these

B. Define the following:-

- a. Constellation:-The fixed patterns of stars.
- b. Craters-Holes on the surface of the Moon.
- c. Telescope- An instrument used to study heavenly bodies.
- d. Star- A huge ball of fire which gives out heat and light.

C. Answer the following:

1. What is space?

Answer- Our space has numerous stars, planets, satellites and many other heavenly bodies.

2. Why does sun appear small in size?

Answer- The Sun appears small in size because it is very far away from the Earth.

3. What are the phases of the Moon?

Answer- The different shapes of the Moon which depends on the amount of sunlight received by the Moon is called the phases of the Moon.

4. Name any two constellations.

Answer- The name of the two constellations are:- Orion and Leo.

5. Why do we see different shapes of Moon at different nights?

Answer- We see different shapes of Moon in different nights because these phases depend on the amount of sunlight received by the Moon on different nights.

6. What is the difference between astronomy and astronomers?

Answer- The study of heavenly bodies is called astronomy. And the people who study astronomy, are called astronomers.

D. Write T for true and F for false statements.

- 1. We have only one star in the sky. -F**
- 2. Moon has no light of its own. -T**
- 3. People use microphone to see the stars.-F**
- 4. The Sun is a star. -T**
- 5. The Moon takes 28 days to complete one round around the Earth.-T**

Homework-Write and Remember.

