

Class – 4th

Subject – Science

Ch- 12 Beyond the earth

E. Answer these questions in short.

1. What is a planet? Ans. The heavenly body which move around the sun along its fixed path is called planet .

2. What is the rotation of earth?

Ans. The movement of earth on its own axis is called the rotation of the earth.

3. How long does the earth take to complete one revolution?

Ans. The earth takes 365 days and 6 hours to complete one revolution.

4. What are constellations?

Ans. The group of stars forming patterns are called constellations.

5. Why does the sun call a star?

Ans. The sun is called a star because it produces its own energy through fusion reaction of gases.

F. Answer these questions in detail.

1. What do you mean by a satellite?

Ans. Heavenly body that revolves around a planet is called the satellite.

2. Name all the planets of our solar system.

Ans. The eight planets of our solar system are Mercury, Venus, earth ,Mars, Jupiter ,Saturn ,Uranus and Neptune.

3. What is the difference between a star and a planet?

Ans. A star has its own heat and light whereas the a planet does not have its own heat and light.

4. How is rotation different from revolution? Explain.

Ans. The rotation is movement of earth on its own axis whereas revolution is movement of earth around the sun.