

**St. Andrews Scots Sr. Sec. School**  
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Session: 2024-2025

Class: III

Lesson 14 Our Solar System

Subject : Science

- Reading of the chapter
- Explanation (will be done in class)

**(Textbook Exercises)**

**A. Tick the correct answer**

- 1)(a) Planets
- 2)(c) Saturn
- 3)(a) Venus
- 4) (c) Mars and Jupiter

**B. Fill in the blanks.**

- 1) Revolution
- 2) 27
- 3) Comets
- 4) Light

**C. Match the following.**

- 1) (c) Natural satellite of Earth
- 2) (e) Jupiter, Saturn, Uranus and Neptune.
- 3) (f) Dwarf planets
- 4) (b) Venus
- 5) (a) Emits heat and light
- 6) (d) found between the orbits of Mars and Jupiter.

## Notebook Work

### New Words

- 1) Satellite
- 2) Dwarf
- 3) Asteroids
- 4) Revolution
- 5) Rotation
- 6) Terrestrial
- 7) Craters
- 8) Comets
- 9) Reflects
- 10) Emit

### Defines

1. Revolve- Move in a circle on a central axis.
2. Reflects -Throw back without absorbing it.
3. Rocky- Consisting of rocks.
4. Countless- Too many to be counted .
5. Emit- To send out something such as light, heat, sound etc.

### Fill in the blanks

1. The movement of planet around the sun is called revolution.
2. The moon takes 27 days to revolve around the Earth.
3. Balls of frozen gases and rocks are called comets.
4. Planets do not have light of their own.

## **Short Question /Answers**

1.Name the largest planet and the smallest planet of the solar system.

Ans. Largest planet - Jupiter

Smallest planet – Mercury .

2.What are rocky planets?

Ans. The inner planets, made up of rocks are called rocky planets.

3.Who is the head of the solar system?

Ans. Sun is the head of the solar system.

4.What is revolution?

Ans. The movement of the planet around the sun is called revolution.

5.What is a planet? Name the planets that do not have moon.

Ans. Planets are heavenly bodies that move around the sun in a fixed orbit.

Mercury and Venus do not have moons.

## **Long Question/Answers**

1.Write short note on-:

a) The sun

b) The moon

Ans.a) The sun is a closest star to the Earth. It is a huge ball of burning gases and gives us heat and light.

b) The moon is the natural satellite of Earth. It has rocky mountains and sand covered plains. It has huge holes, called craters. It reflects the light of the sun.

2.Explain asteroids and comets.

Ans. Asteroids are small rocks that revolve round the sun between the orbits of Mars and Jupiter .

Comets are balls of frozen gases and rocks. They emit dust and gases that form the tail of comet.

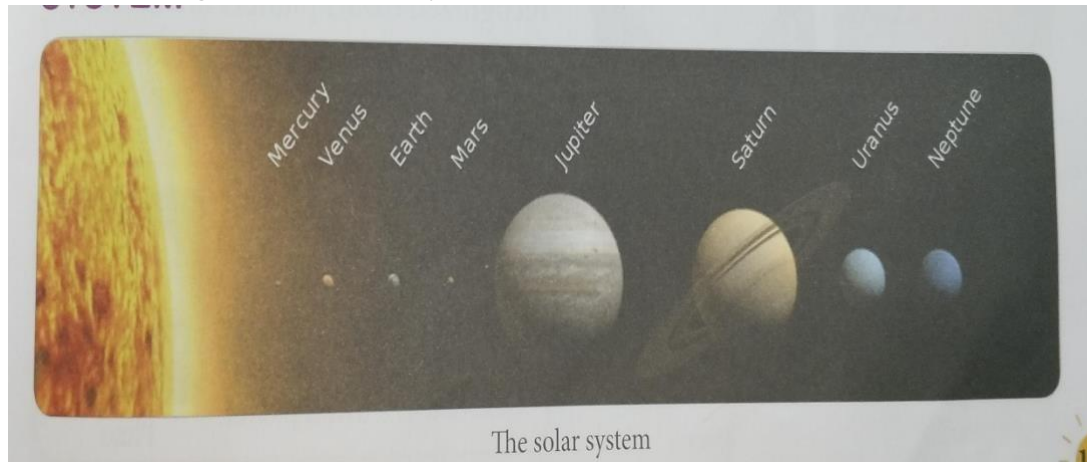
3. What are dwarf planets? Name any three dwarf planets.

Ans. Dwarf planets do not have a clear path around the sun.

The three dwarf planets are Ceres, Pluto and Eris.

### **Diagram**

- Draw the diagram of Solar System.



### **Activity**

Paste the picture of your favourite Astronaut in your science notebook.