

## CLASS 5 :SOCIAL STUDIES

### SOLAR SYSTEM

#### Let's begin

1.Name some objects that you can see in the sky in day time.

Answer. Sun, stars and planets

2.Which of these are natural objects?

Ans. Sun, Stars, planets and satellite

3. Name some objects that you see in the sky at night.

Answer. Moon, stars and planets

4. Which of these are natural objects?

Answer. Stars , planets

#### Lets try 1.

- Name the biggest , shiny object shown in the picture(book) -Moon.
- What are the small and brightest object? Stars
- Have you seen some small, bright object in the sky that do not twinkle? Yes
- Why do you think that these objects can be seen mostly at night?

Answer- think and write.

#### Lets try 2.

What are the differences between star and planets-

Answer-The stars have their own heat and light , while planets donot have their own heat and light.

What are differences between planets and satellites?

Answer- The planets move around the sun, while satellite move around the planets.

#### Lets try 3.

##### 1.Sun and its planets.

SUN MERCURY VENUS EARTH MARS JUPITER

SATURN URANUS NAPTUNE

(DRAW THE FIGURE OF SOLAR SYSTEM IN YOUR COPY)

2. How many planets can you see in the image(book) ? **Eight**
3. Underline their names.
4. Around which star are these planets moving? **The Sun**
5. Name the following
  - i. The planet closest to the Sun ---**Mercury**
  - ii. The planet farthest from the Sun-----**Neptune**
  - iii. The largest planet- **Jupiter**
  - iv. The planet that has rings around it-----**Saturn**
6. Name the path on which planets move around the Sun? **Orbit**
7. What does the shape of this path look like? **Curved/ egg shaped/oval**
8. Does each planet has its own path? **Yes**
9. Which planet will take the least time to go around the Sun? why?

**Answer- Mercury, because it has the shortest orbit.**

10. Which planet do you think will be the coldest? Why?

**Answer- Neptune. Because it has the farthest from the Sun and so gets very little heat from the sun.**

#### **Lets try 4.**

Fill in the blanks

- a. The hottest planet is ....**Mercury and Venus**
- b. The planet which gets the correct amount of heat and light is....**Earth.**
- c. The moon is a **natural satellite.**
- d. The planet in our solar system which is closest to the Sun is **Mercury.**

#### **Lets try 5**

Figure is given in your book

- a. Which object is moving around the Earth? **MOON**
- b. Is the object moving in a fixed path? **Yes**
- c. Is the object natural or man made? **Natural**
- d. Which object is moving around the Earth? **A space craft**
- e. Is the object moving in a fixed path? **Yes**
- f. Is the object natural or man made? **Man made**

- g. Write any one similarity the two objects moving around the Earth. Both the objects move around the Earth.