

# KENDRIYA VIDYALAYA, GANDHIGRAM, DINDIGUL

Class: II A & B

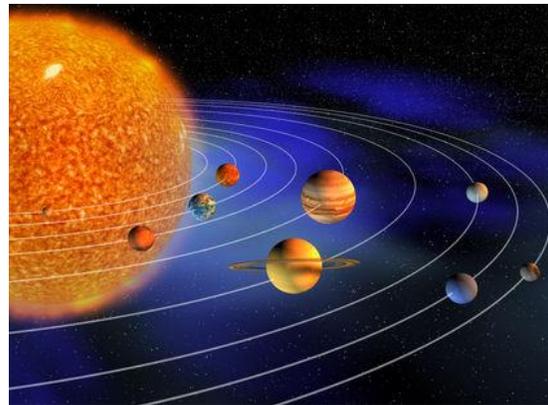
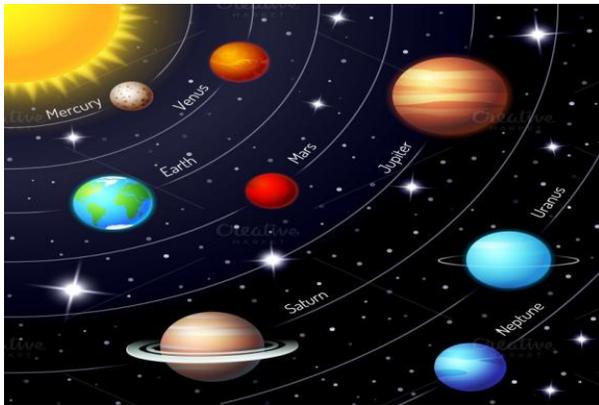
Month: December

Subject: EVS

Topic: Solar system and Earth directions

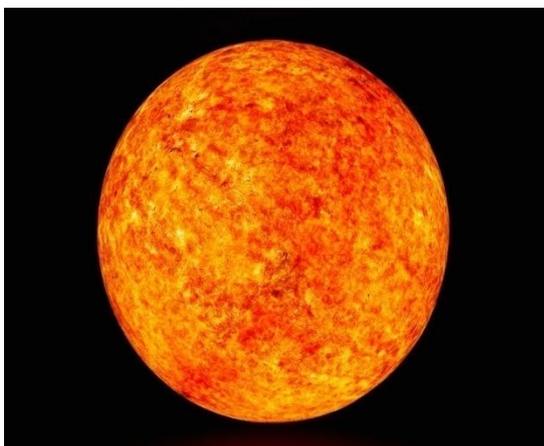
## Solar system:

The sun is the center of our solar system. It is largest body in our solar system. Eight planets follow paths around the sun called orbit around the sun. The eight planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.



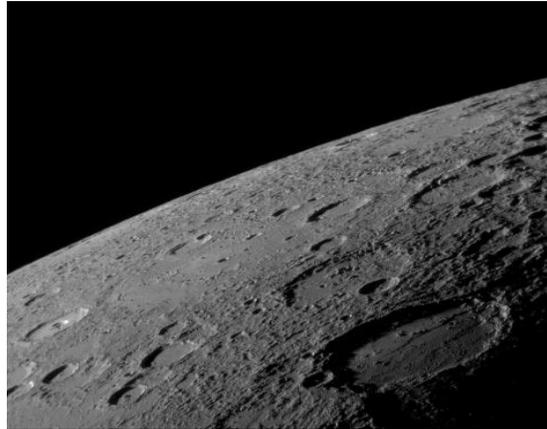
## Sun::

Sun is much hotter than any of eight planets. The sun is a star. It is a closest star to earth. The sun is the only object in our solar system to shine with its own light. The sun gives us heat, light and energy. It helps us to grow crops.



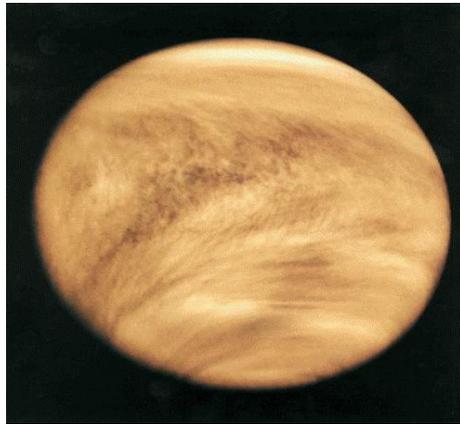
**Mercury:**

**Mercury is the closest planet to the sun. Mercury gets very hot.**



**Venus:**

**Venus is the second planet from the sun. It is the closest planet to the earth.**



**Earth:**

**Earth is the third planet from the sun. Earth has a hard and rocky planet. There are high mountains valleys and Volcanoes. Earth is home for animals, humans and plants. Because it has air to breathe and water and is warm enough for us to live.**



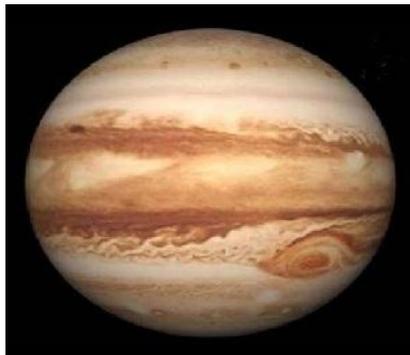
**Mars:**

**Mars is the fourth planet from the sun. Mars can get cold. Mars is also called the 'red planet'.**



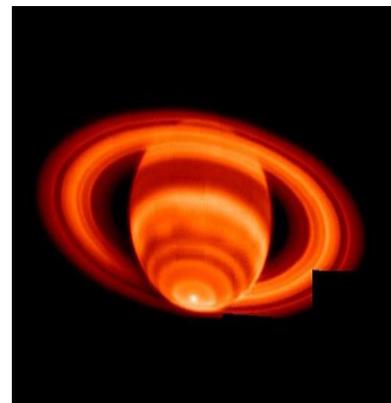
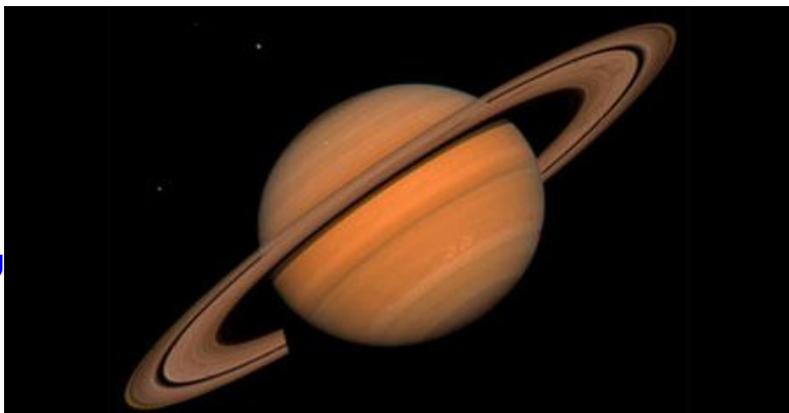
### **Jupiter:**

**Jupiter is the fifth planet from the sun. Jupiter is the biggest planet in the solar system.**

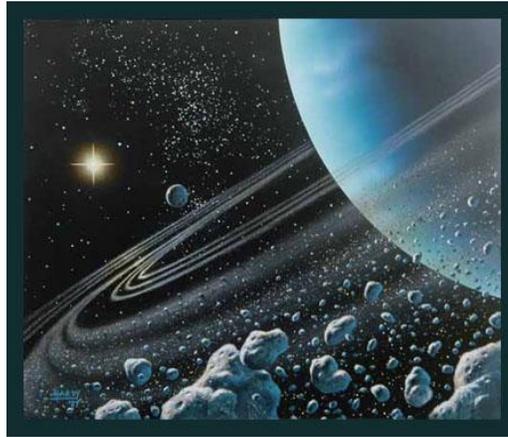
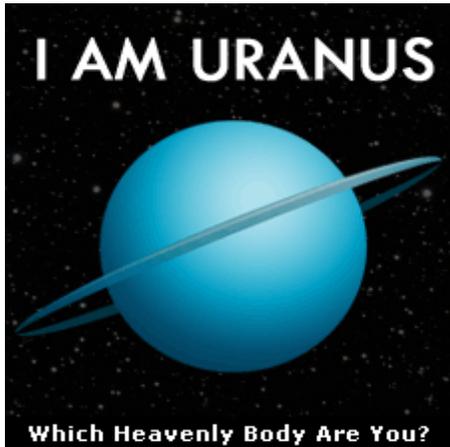


### **Saturn:**

**Saturn is the sixth planet from the sun. Saturn has rings in the solar system.**

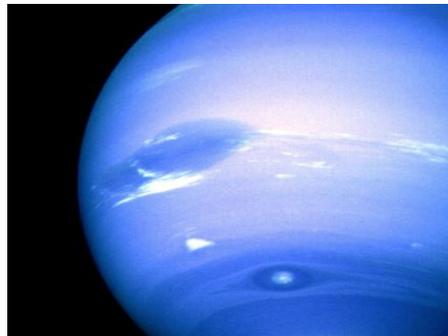
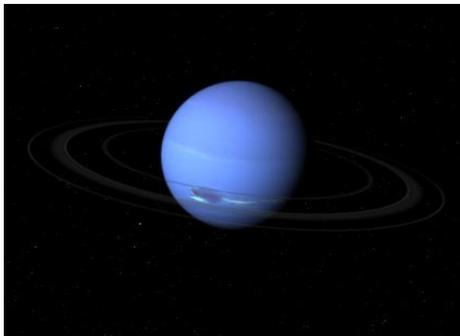


**Uranus is the seventh planet from the sun. Uranus covered with clouds. The clouds look blue-green color.**



**Neptune:**

**Neptune is the eighth planet from the sun. The clouds look blue color.**

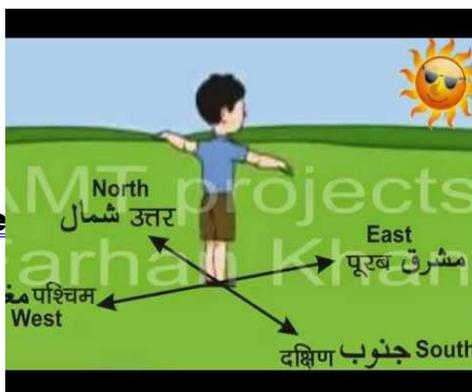


**Directions**

**Sun helps us in finding the directions. There are four main directions. They are East, West, North, South.**

**The sun always rises in the east and sets in the west. East is in front of us. West is at our back. If you stretch both your arms, the left hand will point towards the north and the right hand will point towards the south.**

**I. Fill in the**



1. The **Sun** is a nearest star from the earth.
2. The **Sun** is the main source of each planet.
3. The Earth is made up of **air** and **water**.
4. **Two-third** of the Earth is covered with water.
5. The sun rises in the **east**.
6. The Sun sets in the **west**.
7. Left hand will point towards the **north**.
8. Right hand will point towards the **south**.
9. The **moon** is a natural satellite which moves around the earth.
10. **Mercury** is smallest planet in the solar system.

**II) Choose the best answer:**

1. Moon reflects light from the Sun.

- a) tube-light                      b) stars                      c) sun

2. Mercury planet is nearest to the Sun.

- a) Uranus                      b) Mercury                      c) Saturn

3. Neptune planet is farthest from the Sun.

- a) Venus                      b) Earth                      c) Neptune

4. Which planet is called as red planet? Mars

- a) Mars                      b) Venus                      c) Uranus

5. Jupiter is the largest planet of our solar system.

- a) Neptune                      b) Jupiter                      c) Mercury

6. Saturn planet looks yellowish colour.

- a) Reddish                      b) grayish                      c) yellowish

7. Moon is a Natural satellite.

- a) natural satellite                      b) planet                      c) star

8. The coldest planet is the Neptune.

- a) Mercury                      b) Venus                      c) Neptune

**III) Name the following:**

- 1) It twinkles in the sky. - Star
- 2) It shines during the day. - Sun
- 3) The light during night time. - Moon

**IV) State True or False:**

- 1) The Sun gives us light during the day. True
- 2) Moon has its own light. False
- 3) Sun helps us to grow crops for food. True
- 4) The shape of Sun is square. False
- 5) Sun rises in the north. False
- 6) The 5<sup>th</sup> planet is Uranus. False
- 7) Saturn planet has beautiful rings. True
- 8) The sun doesn't help to finding directions. False
- 9) The earth is covered by land and water. True

**V) Write the answers for the following questions:**

- 1) How many directions are there? Name them.

**Ans: There are 4 main directions.**

**i) East            ii) West            iii) North            iv) South**

- 2) In which directions does the Sun rise and set?

**Ans: Sun rises in the east direction and set in the west direction.**

- 3) What happens after sunset?

**Ans: It becomes dark after sunset and moon and stars twinkle in the sky.**

- 4) Why is the sun important for us?

**Ans: Sun gives us heat, light and energy.**

- 5) Name the eight planets:

**Ans: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.**

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**6) Name the planet which has ring:**

**Saturn planet has ring in the solar system.**