

BRIGIDA MORELLO CONVENT SCHOOL

LUCKNOW

CHAPTER 1 SECRETS OF THE UNIVERSE- CLASS-3

NEW WORDS:

1. Star- a hot glowing ball of gas.
2. Galaxy- a collection of stars, gases, rocks and planets.
3. Constellation -a group of stars forming a pattern
4. Planets -huge heavenly bodies which orbits the Sun.
5. Orbit- the fixed imaginary path on which the planets revolves around the Sun.
6. Satellite – Satellite an artificial Satellite or natural object moving around a planet.

FILL IN THE BLANKS:

1. Constellation are a group of star.
2. The stars are made up of very hot.
3. The sun is a very big star which gives us heat and light on Earth.
4. The Moon is called the Earth's natural satellite.
5. Water and Oxygen are two things present on Earth which makes life possible here.

WRITE (T) FOR TRUE AND (F) IF THE SENTENCE IS FALSE:

1. Everything in the solar system moves around the Sun. (T).
2. The stars have their own heat and light. (T).
3. The Sun is closer to the Earth as compared to the other stars . (T).
4. The planets move around the moon. (F)
5. There is no atmosphere on the moon. (T)

MATCH THE WORDS WITH CORRECT DEFINATION:

1. Solar System- a system of planets, which revolves around the Sun.
2. Milky Way-the name of the galaxy , of which Solar system is a part.
3. Satellite -something which goes around the planets.
4. Orbit-the fixed path on which the planets revolves around the Sun.

ANSWER THE FOLLOWING:

Q1. What is the Solar System?

A1. The Sun and everything that travels around the Sun makes the Solar System.

Q2. What are Stars made of?

A2. Stars are made up of glowing hot gases.

Q3. Why does the Sun appears bigger than the other Stars?

A3. Sun is closest to the Earth , therefore it appears bigger than other stars.

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Q4. Why Earth is the only planet which has life?

A4. The Earth is the only planet which has got life because-

- It has perfect temperature
- It has water
- It has oxygen.

Q5. Why is the moon called natural satellite?

A5 . Moon is called the natural satellite as it is a natural body and not man-made.

EXTRA QUESTIONS:

Q1. Rajat`s teacher told him that the Moon is smaller than the Sun, but he Wonders why does it appear big from the Earth. What do you think?

A1. The Moon appears bigger than the Sun because it is closer to Earth as in Comparison to that of Sun.

PRACTISE EXERCISE: FIND OUT WHO AM I:

1. I shine and twinkle in the sky, and look very small because I am very

Very far away from the Earth. _____

2. I look very big, and I provide the Earth heat, light and energy.

3. I am a group of stars that forms a pattern in the sky and resembles

Animals, people and things. _____