

## The Earth and its Neighbors

Fill in the blanks: -

1. Milky way is a \_\_\_\_\_-shaped galaxy.
2. \_\_\_\_\_ is a huge ball of gases.
3. The slow-moving bright bodies are called \_\_\_\_\_.
4. Mars is \_\_\_\_\_ in color.
5. \_\_\_\_\_ is the largest and fastest spinning planet.
6. \_\_\_\_\_ is the brightest planet in the sky.
7. \_\_\_\_\_ is tilted and runs through the center of the earth.
8. \_\_\_\_\_ divides the earth into two hemispheres.

Define the following: -

Space- \_\_\_\_\_

Galaxy- \_\_\_\_\_

Heavenly objects- \_\_\_\_\_

Active volcanoes- \_\_\_\_\_

Stars- \_\_\_\_\_

Planets- \_\_\_\_\_

Constellations- \_\_\_\_\_

Extinct volcanoes- \_\_\_\_\_

Milky way galaxy- \_\_\_\_\_

Axis of the earth- \_\_\_\_\_

Satellites- \_\_\_\_\_

Solar system- \_\_\_\_\_

Mantle- \_\_\_\_\_

Dormant volcanoes- \_\_\_\_\_

Rotation- \_\_\_\_\_

Revolution- \_\_\_\_\_

Solar year- \_\_\_\_\_

Hemisphere- \_\_\_\_\_

Orbit- \_\_\_\_\_

**Write short answers: -**

What is the difference between a planet and a star?

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Why is Venus also called a morning or an evening star?

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What is the difference between a planet and a satellite?

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What is mantle made up of?

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How are volcanoes formed?

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What is an equator?

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What is a solar year and how long is it?

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How are seasons formed?

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Why the season in the Northern Hemisphere can never be same as the Southern Hemisphere?

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Write a short note on what happens when the North Pole is towards the sun?

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Which planet is known for its beautiful rings made of ice and rock?

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Which planet is colder: Neptune or Jupiter? Why?

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What would happen if earth is not tilted and doesn't revolve around the sun?

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Explain the layers of earth with the help of a neat labelled diagram.

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[space for diagram]

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Draw a neat labelled diagram showing the revolution of earth around the sun causes the seasons.