



INDIAN SCHOOL DARSAIT
DEPARTMENT OF SOCIAL SCIENCE



Subject: Social Science **Topic: Motions of the Earth** **Date of Worksheet:**

Resource Person: Johncy Antony

Date :

Name of the Student :

Class & Division :

Roll Number :

Fill in the blanks:

10

1. The axis of the earth is an _____.
2. The time taken by the Earth to complete one rotation around its axis is _____.
3. Only half of the earth gets light from the sun at a time due to its _____ shape.
4. The period of rotation is known as the _____.
5. The sun rays fall vertically at the tropic of _____ on 22nd December.
6. The earth completes one revolution in _____.
7. Cycle of the seasons is caused due to _____.
8. Days are shorter during _____ season.
9. The earth travels around the sun in _____ orbit.
10. It is spring in the Northern Hemisphere and autumn in the Southern Hemisphere on _____.

Who am I?

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11. I occur once in four years.
12. I receive six months continuous day light in summer .



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Answer the following.

- | | | |
|-----|--|---|
| 13. | In which hemisphere does Australia lie? | 1 |
| 14. | When do the longest day and the shortest night occur in the southern hemisphere? | 1 |
| 15. | What is an equinox? | 1 |
| 16. | What would happen if the Earth did not rotate? | 1 |
| 17. | What is the angle of inclination of the Earth's axis with its orbital plane? | 1 |
| 18. | How are days and nights caused? Draw a diagram to explain the answer. | 3 |



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