

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

### If Earth Stopped Rotating Earth Science Short Essay Assignment

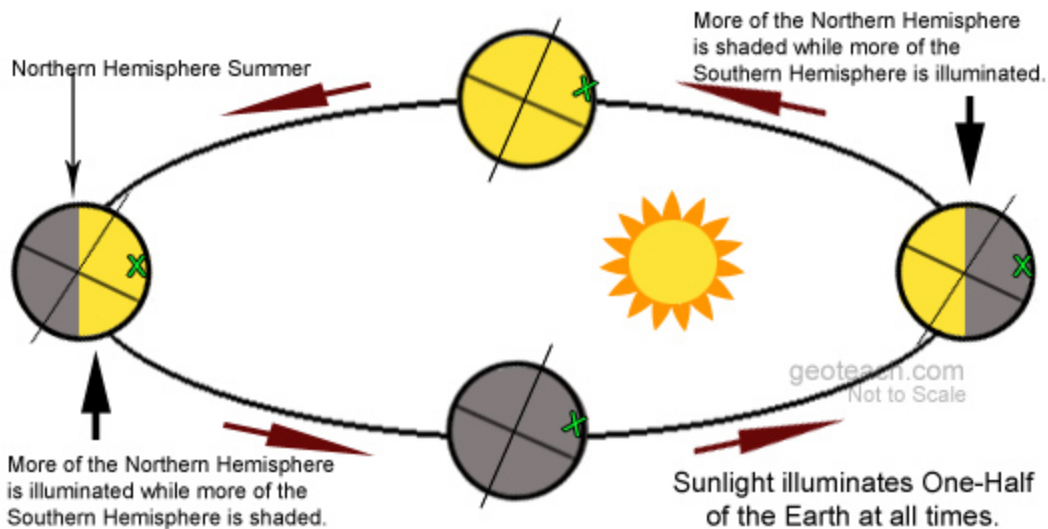
**Directions:** Print this assignment.

Look at the illustration below which shows Earth in its revolutionary orbit around the sun.

An "X" has been placed at the approximate location of the United States.

Using complete sentences to express yourself and basing your responses on your knowledge of Earth Science, answer the question that appears below the illustration. Support your answer with scientific information.

Neatly write your answer on lined paper or type your response. Attach your answer sheet to this question page and submit both to your teacher.



**Question:** If the Earth were to stop rotating, describe any effects that a *Non-Rotating Earth* would have on people living in the United States. Expand your thinking and your answer to include, not only a time period of one year, but also the cumulative effects over a longer time period.

**Consider:** first the astronomy and then, seasonal, weather, cultural, economical and psychological factors.

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