

CHAPTER 2

Chapter Tutorial
Earth in Space

IDENTIFYING TERMS Choose the term that correctly matches each definition.

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|-----------------------|--------------------------------------------------------------------------------------------------------|
| _____ 1. solar system | a. warm low-latitude areas near the equator |
| _____ 2. rotation | b. includes all the biological, chemical, and physical conditions that interact and affect life |
| _____ 3. tropics | c. Sun and the group of bodies that revolve around it |
| _____ 4. equinox | d. one complete spin of Earth on its axis |
| _____ 5. environment | e. time when the direct rays of the Sun strike the equator |

UNDERSTANDING MAIN IDEAS

1. What are the major bodies that make up the solar system?

2. Describe the geography of the Moon.

3. Why are low-latitude areas generally warm? Why are polar regions cold most of the time?

4. During the solstices, where do Earth's poles point in relation to the Sun?

5. Briefly describe the four parts of the Earth system.

Chapter 2 Tutorial, continued

THINKING CRITICALLY

1. Contrasting How do the inner planets and the outer planets differ?

2. Drawing Conclusions Why do direct vertical rays heat Earth’s surface more than angled rays?

3. Analyzing Information Why is each part of the Earth system known as a “sphere”?

EXPLORING INTERDISCIPLINARY TOPICS

1. Astronomy According to astronomers, how old is the universe?

2. Mathematics Calculate the number of times Earth has revolved around the Sun during your lifetime.

WRITING ABOUT GEOGRAPHY

Persuading Imagine that you head a committee of students that wants local officials to take action on an environmental issue in your community. Write a short speech that identifies the issue and will persuade the officials to take the action your committee favors.