

# Understanding Earth's Rotation

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## How Day and Night are Created

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on the lesson about Earth's rotation and the creation of day and night.

1. What causes day and night?

- A. The Earth's rotation
- B. The Earth's revolution
- C. The Sun's position

2. Explain how Earth's rotation affects life on our planet.

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3. One complete rotation of the Earth takes approximately \_\_\_\_ hours.

4. The Equator rotates faster than the poles.

- True       False

5. What direction does the Earth spin?

- A. North to South
- B. East to West
- C. West to East

6. Why did God create lights in the sky according to Genesis 1:14?

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7. The rotation of Earth is different from its \_\_\_\_ around the Sun.

8. Earth rotates on its axis in a north-south direction.

- True       False

9. What is the relationship between latitude and rotation speed?

- A. Higher latitudes rotate faster
- B. Lower latitudes rotate slower
- C. Equator rotates fastest

10. What did you learn from the rotation demonstration using a globe and a lamp?

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### Answer Key

1. The Earth's rotation   2. Earth's rotation creates day and night, which affects temperature, weather patterns, and the behavior of living things.   3. 24   4. True   5. West to East   6. God created lights to divide the day from the night and for signs, seasons, days, and years.   7. revolution   8. False   9. Equator rotates fastest   10. I learned how Earth's rotation creates day and night and how the position of the light source represents the Sun.

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