

Name _____

The Case of the Spinning Earth Answer Key

Part 1: Vocabulary Match-Up

1. Axis → **C**
 2. Orbit → **D**
 3. Equator → **A**
 4. Solstice → **B**
 5. Equinox → **E**
-

Part 2: Visual Clue Match

6. **Solstice**
 7. **Equinox**
 8. **Equator**
 9. **Orbit**
 10. **Axis**
-

Bonus Question (Sample Answer):

Scientists use these terms to understand how Earth's position and movements affect the **amount of sunlight different areas receive**. This helps explain **why seasons change, how long days and nights are**, and how **climate varies** across the globe. These concepts are key in fields like meteorology, astronomy, and environmental science.