

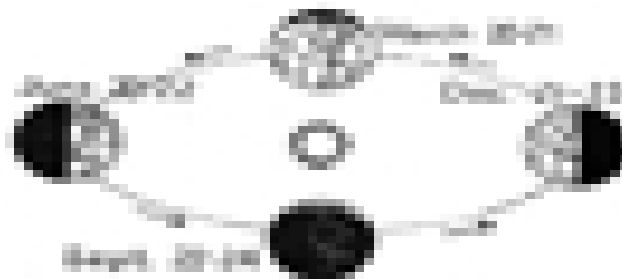
Name \_\_\_\_\_

## Why Do We Have Seasons?

Understand how the tilt of the Earth's axis causes the seasons.

Read the passage and answer the questions below.

The Earth's axis is at a 23.5-degree angle. This means as the Earth orbits the sun, parts of the globe are tilted toward or away from the sun. The parts that are tilted toward the sun are getting more direct sunlight, which makes it warmer. The parts that are tilted away from the sun are getting less direct sunlight, which makes it cooler. That's why when you're in the Northern Hemisphere you experience summer and winter in the Southern Hemisphere. The seasons never change but opposite parts of the globe experience the sun at different times of the year. For example, in the Northern Hemisphere in December, it's winter because it's tilted away from the sun.



1. What season would it be in the Northern Hemisphere in the June? \_\_\_\_\_
2. Explain how the tilt of Earth's axis affects the seasons. \_\_\_\_\_
3. What kind of temperatures would you expect if you are getting indirect sunlight? \_\_\_\_\_
4. What is it called in the Southern Hemisphere? \_\_\_\_\_
5. Explain why there are usually hot temperatures during spring and fall. \_\_\_\_\_

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