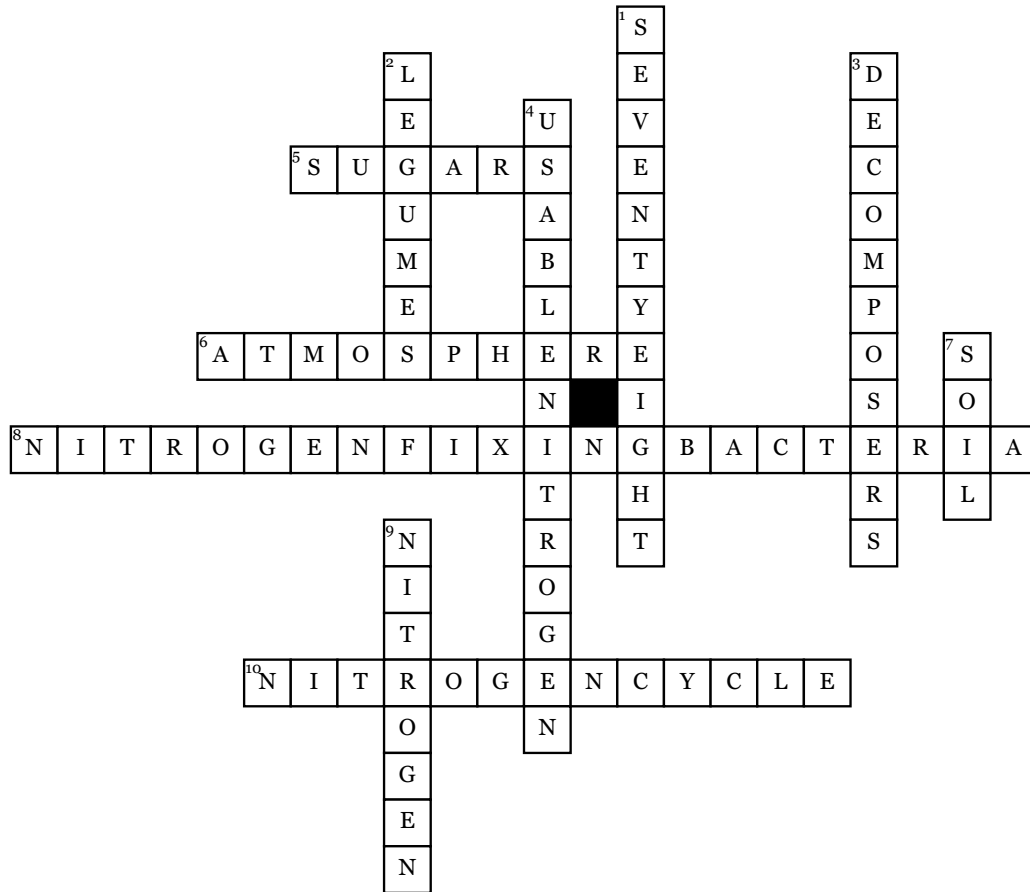


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# The Nitrogen Cycle



## Across

5. What does bacteria use to produce nitrogen-containing compounds such as nitrates?
6. In the nitrogen cycle, nitrogen moves between living things and the \_\_\_\_\_.
8. The only organisms that can fix atmospheric nitrogen into chemical compounds .
10. A process in which nitrogen is cycled between the atmosphere, bacteria, and other organisms.

## Down

1. Nitrogen makes up \_\_\_\_\_ percent of the gases in the atmosphere.

2. What type of plant does nitrogen-fixing bacteria live on?

3. \_\_\_\_\_ breaks down wastes and return the nitrogen that these wastes contain to the soil.
4. When animals eat plants or other animals to get nitrogen, that is an example of \_\_\_\_\_.
7. Where do plants that do not have nitrogen-fixing bacteria in their roots get their nitrogen from?
9. All organisms need \_\_\_\_\_ to build proteins.

## Word Bank

sugars  
Legumes  
Decomposers  
Soil

usable nitrogen  
Nitrogen cycle  
Atmosphere

Nitrogen-fixing bacteria  
seventy eight  
Nitrogen