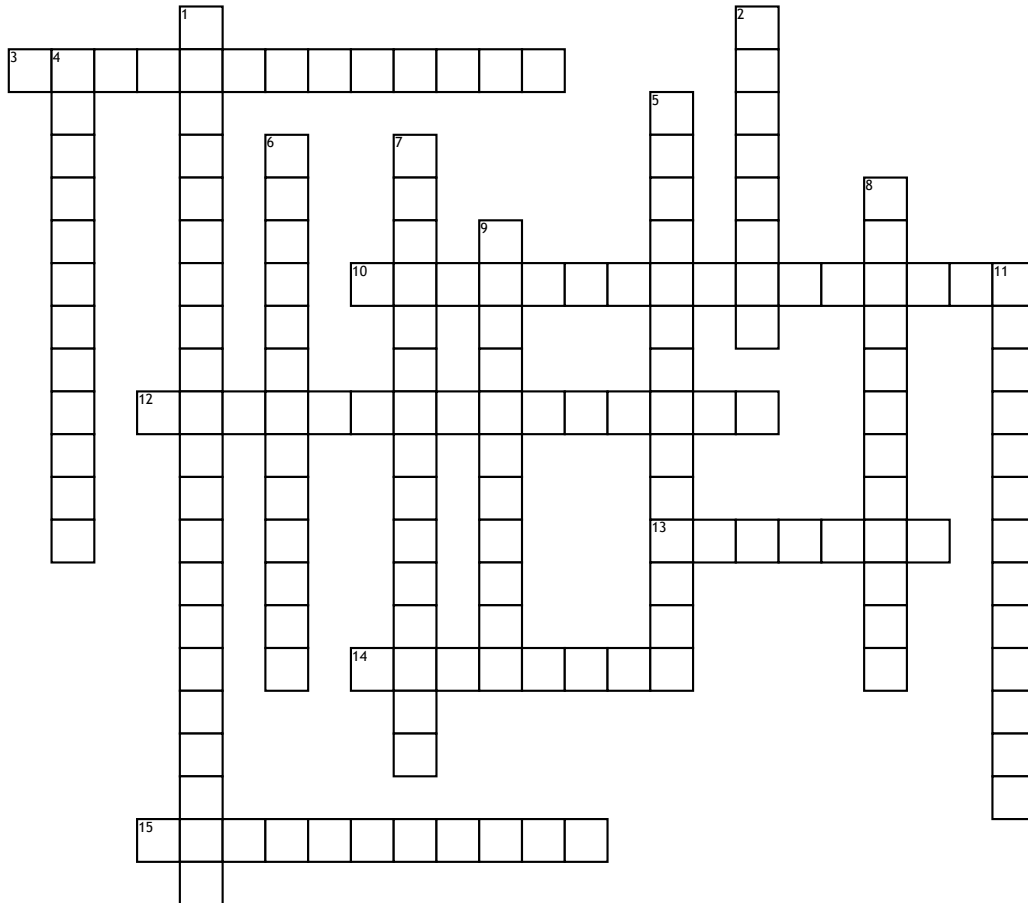


Name: \_\_\_\_\_

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

# The Nitrogen Cycle



**Across**

- 3. A gas produced by burning carbon and organic compounds
- 10. What is the first step of the nitrogen cycle?
- 12. What is the last step in the nitrogen cycle?
- 13. Where do plants absorb nitrogen from directly?
- 14. An unreactive gas that forms about 78 percent of the earth's atmosphere
- 15. A natural gas such as coal or gas

**Down**

- 1. When it affects soil quality and poses a threat to global food security and agricultural sustainability
- 2. Rainfall made by atmospheric pollution that causes harm to the environment
- 4. What is the third step of the nitrogen cycle?
- 5. What is the fourth step of the nitrogen cycle?
- 6. What is the second step of the nitrogen cycle?

- 7. What is one thing that can happen if excess nitrogen happens?
- 8. Toxic gas that is formed by the oxidation of nitrogen
- 9. What is an example of using fossil fuels in daily life?
- 11. A process when nitrogen and other compounds are interconverted in the environment and in living organisms, including nitrogen fixation and decomposition

**Word Bank**

- |                         |                |                |                  |
|-------------------------|----------------|----------------|------------------|
| Soil nutrient depletion | Fossil fuels   | Ammonification | limit visibility |
| Nitrogen                | Nitrogen cycle | Acid rain      | Nitric oxides    |
| Nitrogen Fixation       | The soil       | Assimilation   | driving a car    |
| Denitrification         | Carbon Dioxide | Nitrification  |                  |