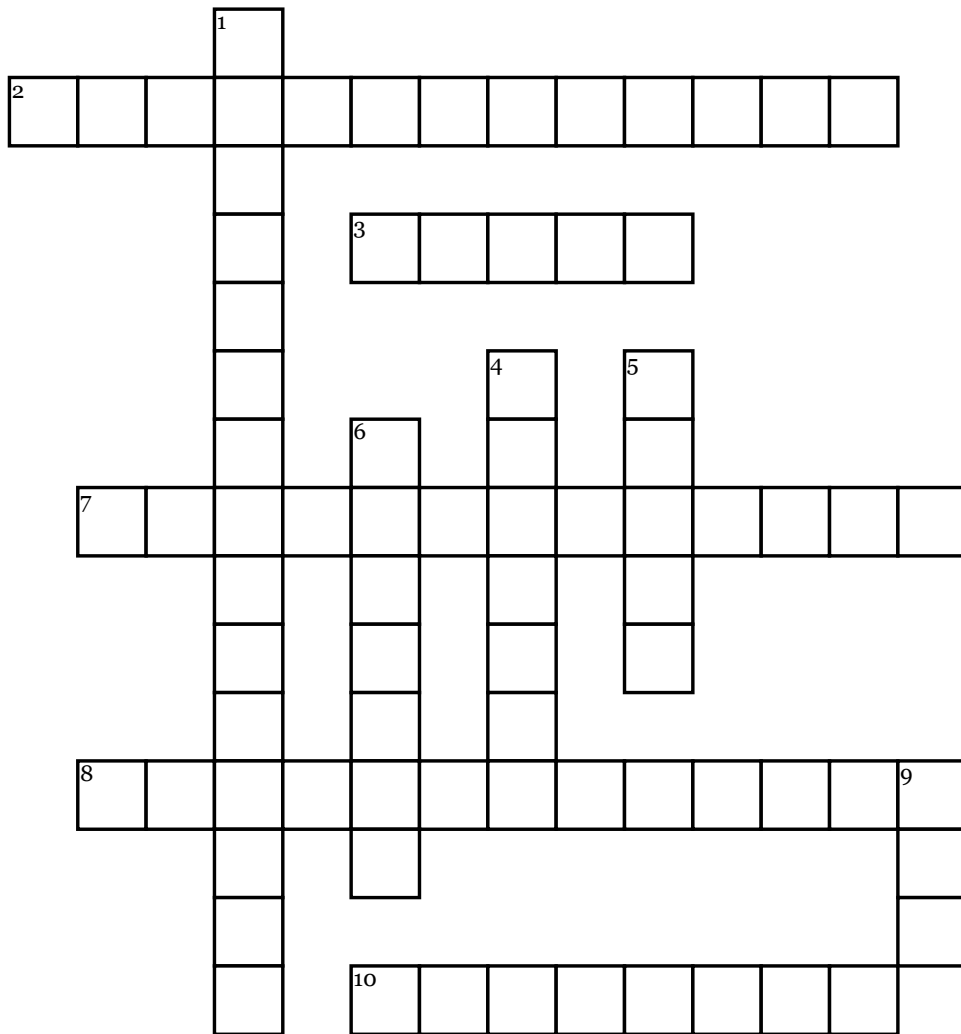


# The nitrogen cycle



**Across**

- 2. what process causes nitrates and nitrites
- 3. a series of events that are regularly repeated in the same order.
- 7. the state or process of rotting; decay.
- 8. what is nitrogen's atomic number
- 10. the chemical element of atomic number 7, a colorless, odorless unreactive gas that forms about 78 percent of the earth's atmosphere.

**Down**

- 1. Any chemical compound that contains carbon
- 4. what polymer does nitrogen help make up
- 5. a binary compound of oxygen with another element or group.
- 6. a colorless gas with a characteristic pungent smell. It dissolves in water to give a strongly alkaline solution.
- 9. how much nitrogen is in the atmosphere

**Word Bank**

- |               |                  |                 |         |
|---------------|------------------|-----------------|---------|
| 78%           | cycle            | atomic number 7 | protein |
| nitrification | oxide            | decomposition   | ammonia |
| nitrogen      | organic compound |                 |         |