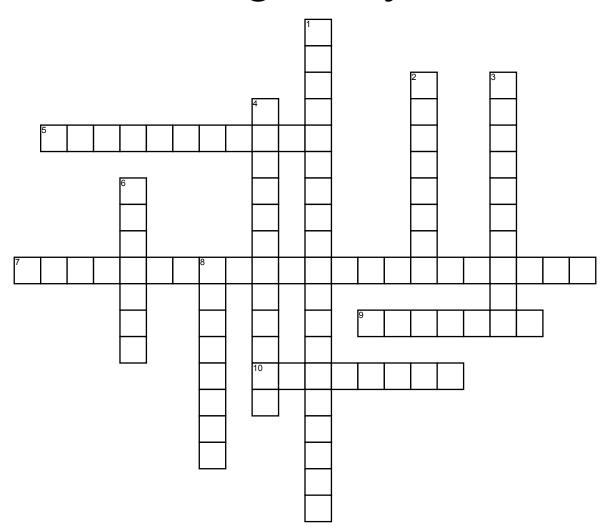
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## Nitrogen Cycle



## **Across**

- **5.** They are essential to the nitrogen cycle; breakdown wastes, such as urine, dung, leaves, and other decaying plants and animals
- 7. The only organisms that can fix soil with the help of atmospheric nitrogen into chemical compounds 3. The layers of gases that surround the
- 9. Nodules that live on the roots of plants
- **10.** Other bacteria convert ammonia into; plants can use

## **Down**

- **1.** Nitrogen in the air
- **2.** Some of the nitrogen that cycles from the atmosphere and living this is released to the soil with the help of
- The layers of gases that surround the earth; the air
- **4.** The process by which bacteria changes fixed nitrogen back to gaseous nitrogen, which is then released back into the environment.
- **6.** nitrogen-fixing bacteria in soil and roots of nodules produce
- **8.** Makes up 78 percent of the gases in the atmosphere