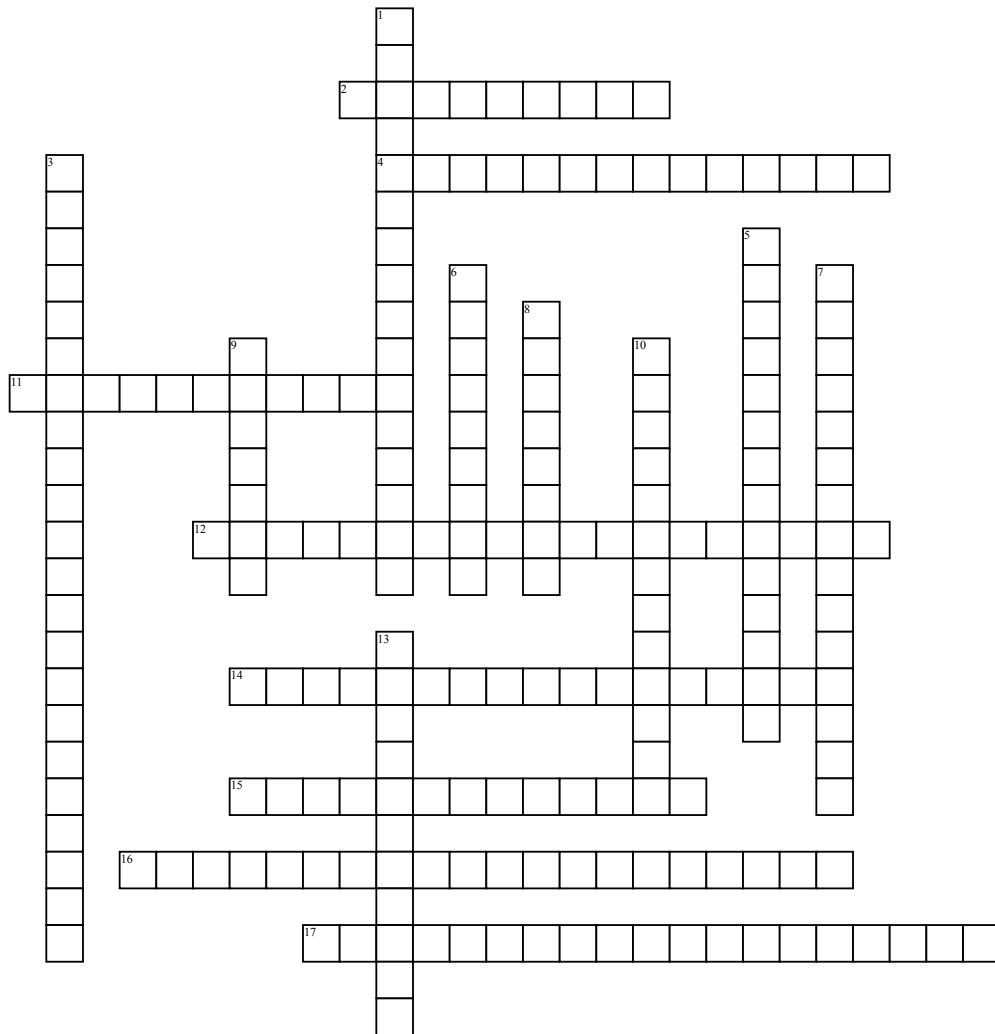


Environmental Science Shai Hain



Across

- 2. Sequence in which energy is transferred from one organism to the next as each organism eats another organism
- 4. Plants that begin to colonize the volcanic debris after an eruption
- 11. Consumers that get their food by breaking down dead organisms
- 12. The process of breaking down food to yield energy
- 14. The type of succession that occurs on surface where no ecosystem existed before
- 15. Process in which nitrogen is cycled between the atmosphere, bacteria, and other organisms

- 16. Gradual process of change and replacement of some or all of the species in a community
- 17. More common type of succession, occurs on a surface where an ecosystem has previously existed

Down

- 1. The movement of phosphorous from the environment to organisms and then back to the environment
- 3. The only organisms that can fix atmospheric nitrogen into chemical compounds
- 5. When a plant uses sunlight to make sugar molecules

- 6. Organisms that get their energy by eating other organisms
- 7. Final and stable community
- 8. An organism that makes its own food
- 9. Shows many feed relationships that are possible in an ecosystem
- 10. Each step through which energy is transferred in a food chain
- 13. Process by which carbon is cycled Between the atmosphere, land, water, and organisms

Word Bank

- | | | | |
|--------------------------|------------------|----------------------|----------------------|
| Trophies level | Food chain | Decomposers | Primary succession |
| Nitrogen cycle | Climax community | Cellular respiration | Carbon cycle |
| Pioneer species | Photosynthesis | Consumers | Secondary succession |
| Nitrogen fixing bacteria | Food web | Producer | Phosphorous cycle |
| Ecological succession | | | |