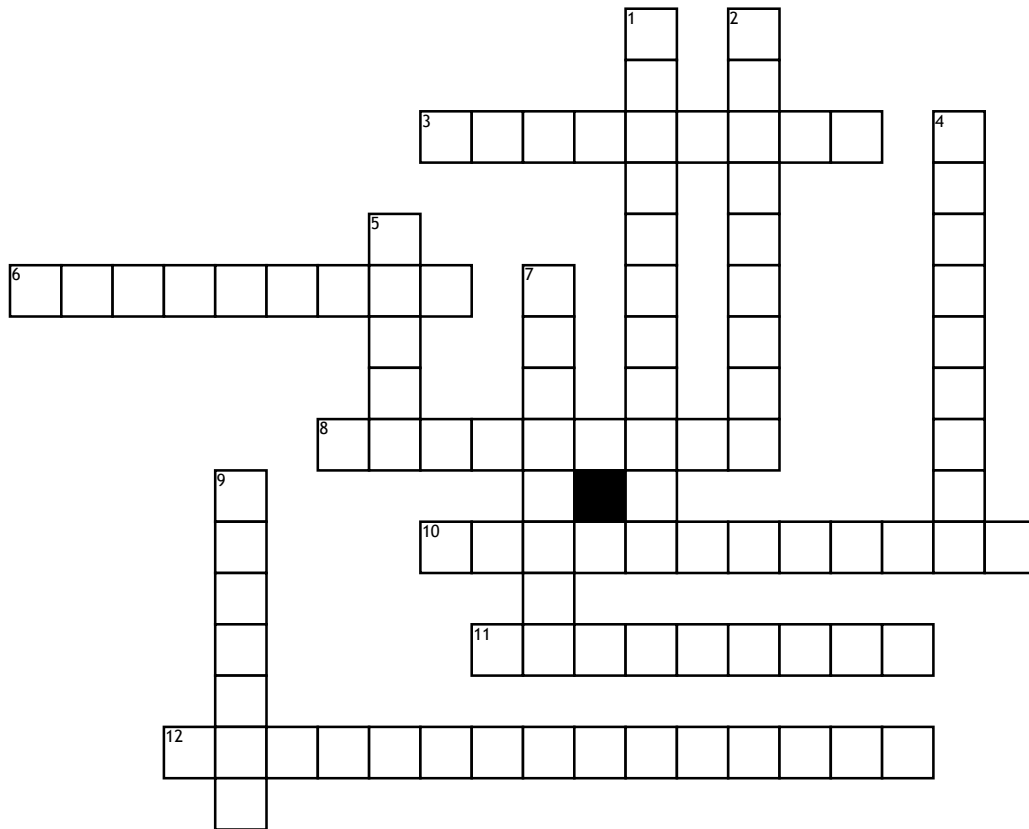


Crossword Puzzle: The Biosphere



Across

3. also called a producer, an organism that can capture energy from the sunlight to produce its own food from inorganic compounds
 6. a series of steps in an ecosystem in which organisms transfer energy by eating and being eaten
 8. an organism that obtains energy by consuming only plants
 10. a step in a food chain or food web

11. an organism that feeds on plant and animal remains and other dead matter

12. the conversion of nitrates into nitrogen gas

Down

1. also called a consumer, an organism that obtains energy from the foods it consumes
 2. a part of Earth in which life exists including land, water, and air or atmosphere

4. an organism that obtains energy by eating only animals

5. a group of ecosystems that have the same climate and similar dominant communities

7. an organism that obtains energy by eating plants and animals

9. a network of complex interactions formed by the feeding relationships between the various organisms in an ecosystem

Word Bank

food chain
 biosphere
 autotroph

biome
 detritivore
 denitrification

trophic level
 food web
 herbivore

carnivore
 heterotroph
 omnivore