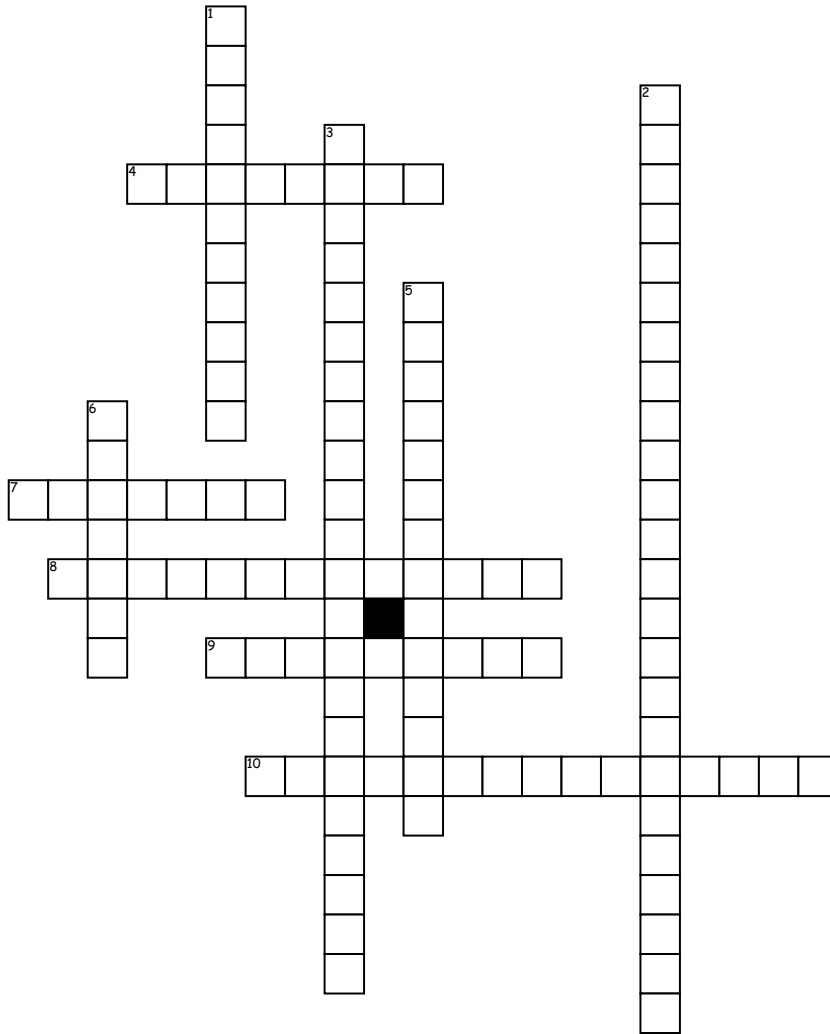


Name: _____ Date: _____ Period: _____

Primary Productivity



Across

- 4. A complex network of interconnected food chains.
- 7. Organic matter produced by plants that can be burned in either solid or gaseous form to produce energy.
- 8. Precipitation that flows over land surfaces into streams, rivers, lakes, wetlands, and the ocean, where it can evaporate and repeat the cycle.
- 9. A sequence of organisms that serve as a source of nutrients or energy for the next level of organisms
- 10. Are driven directly or indirectly by energy from the sun and by Earth's gravity.

Down

- 1. Cyclic movement of carbon in different chemical forms from the environment to organisms and then back to the environment.
- 2. The rate at which an ecosystem's producers convert radiant energy into chemical energy.
- 3. The rate at which producers use photosynthesis to produce and store chemical energy
- 5. Process in which producers change radiant energy (sunlight) into chemical energy.
- 6. The result of a science experiment

Word Bank

Food webs

Net primary productivity

Carbon cycle

Surface runoff

Nutrient cycling

Product

Biomass

Gross primary productivity

Food chain

Photosynthesis