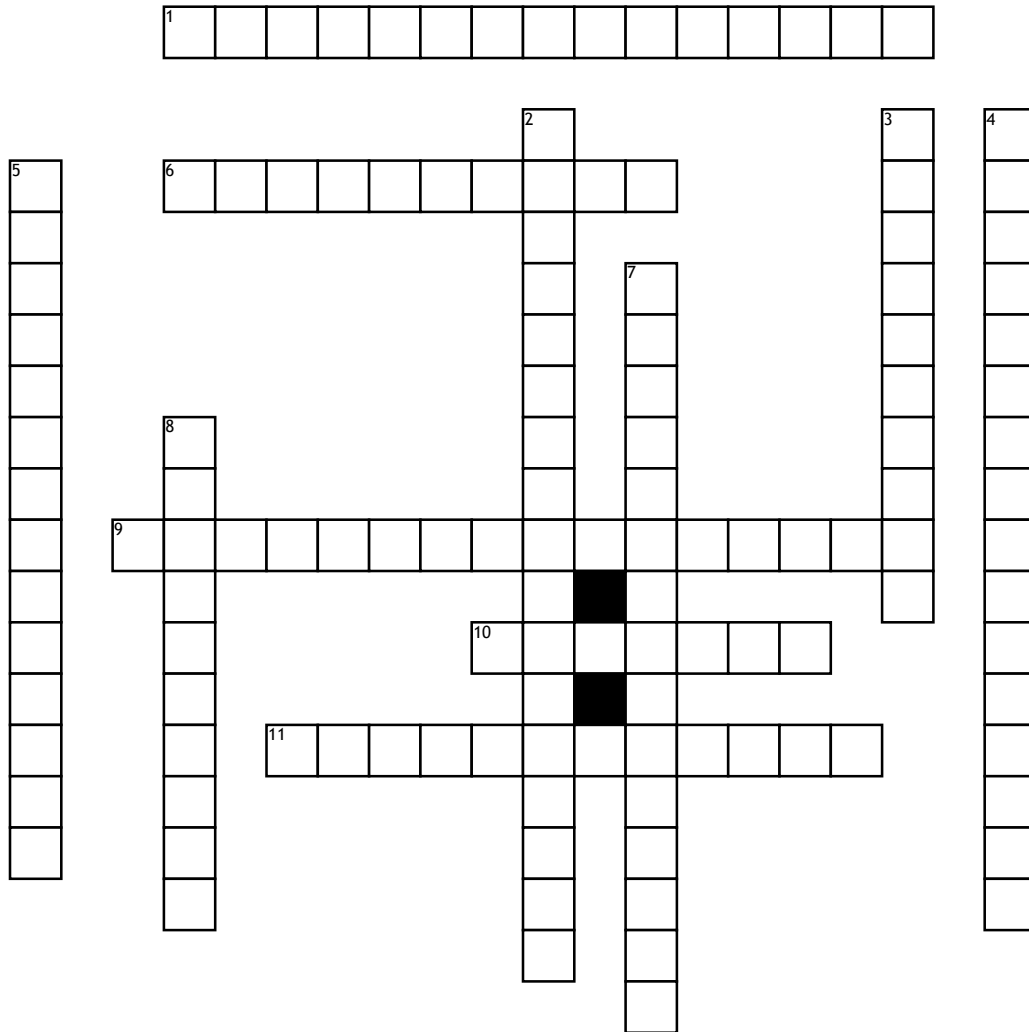


Name: _____

Date: _____

Effects of Humans on Ecosystems



Across

- 1. An atmospheric gas that prevents heat from leaving the atmosphere, thus increasing the temperature of the atmosphere.
- 6. Which nutrient was found to be the main cause of eutrophication in northern Ontario lakes?
- 9. The increase in the concentration of a toxin as it moves from one trophic level to the next.
- 10. The total mass of living organisms in a defined group or area
- 11. A category of organisms that is defined by how the organisms gain their energy.

Down

- 2. A measure of the amount of energy transferred from one trophic level to the next higher trophic level

- 3. Example of an action you could take to reduce the amount of carbon dioxide being released by the burning of fossil fuels.
- 4. The warming of earth as a result of greenhouse gases, which trap some of the energy that would otherwise leave earth.
- 5. A process in which nutrient levels in aquatic ecosystems increase, leading to an increase in the populations of primary producers.
- 7. A process in which materials, especially toxins, are ingested by an organism at a rate greater than they are eliminated.
- 8. What is one possible source of excess phosphorus in aquatic ecosystems?

Word Bank

EUTROPHICATION
BIOACCUMULATION
TROPHIC LEVEL
TROPIC EFFICIENCY

BIOMAGNIFICATION
GREENHOUSE EFFECT
BIOMASS
GREENHOUSE GASES

CARPOOLING
ACID BUBBLE
PHOSPHORUS