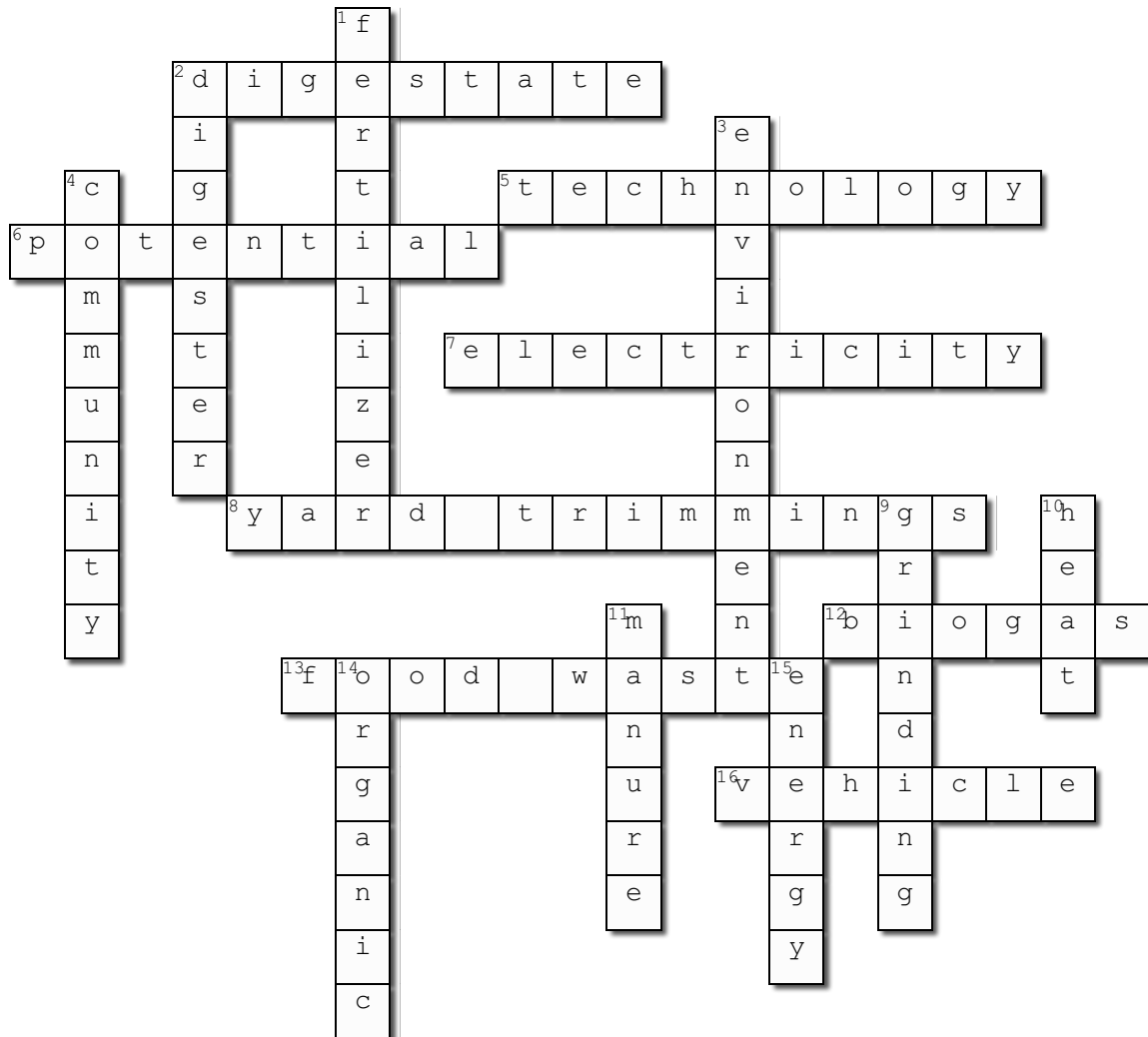


Name: \_\_\_\_\_

# Anaerobic Digestion

Hi! My name is Paula and I am a high school senior. I am working on a project to educate more people on anaerobic digestion. I hope you enjoy this fun anaerobic digestion-themed crossword puzzle.



## Across

2. The material remaining after the anaerobic digestion of a biodegradable feedstock. (**digestate**)
5. Machinery and equipment developed from the application of scientific knowledge. (**technology**)
6. Capability of development. (**potential**)
7. A form of energy resulting from the existence of charged particles, either as an accumulation of charge or as a current. (**electricity**)
8. Undesired material that has been removed from landscape plants in the yard, such as grass clippings, leaves, branches... (**yard trimmings**)
12. Gaseous fuel, especially methane, produced by the fermentation of organic matter. (**biogas**)
13. Food appropriate for consumption being discarded, whether or not after it is kept beyond its expiry date or left to spoil. (**food waste**)
16. A means of carrying or transporting people or goods, especially on land, that can be powered with biogas. (**vehicle**)

## Down

1. A chemical or natural substance added to soil or land to supply more nutrients. (**fertilizer**)
2. A vessel in which substances are softened or decomposed, usually for further processing. (**digester**)
3. The natural world, as a whole or in a particular geographical area, especially as affected by human activity. (**environment**)
4. A feeling of fellowship with others, as a result of sharing common attitudes, interests, and goals. (**community**)
9. The reduction of something to small particles or powder by crushing it. (**grinding**)
10. The form of energy that is transferred between systems or objects with different temperatures. (**heat**)
11. Organic matter, usually consisting of animal feces, that is used as organic fertilizer in agriculture. (**manure**)
14. Relating to or derived from living matter. (**organic**)
15. Power derived from the usage of physical or chemical resources, especially to provide light and heat or to work machines. (**energy**)