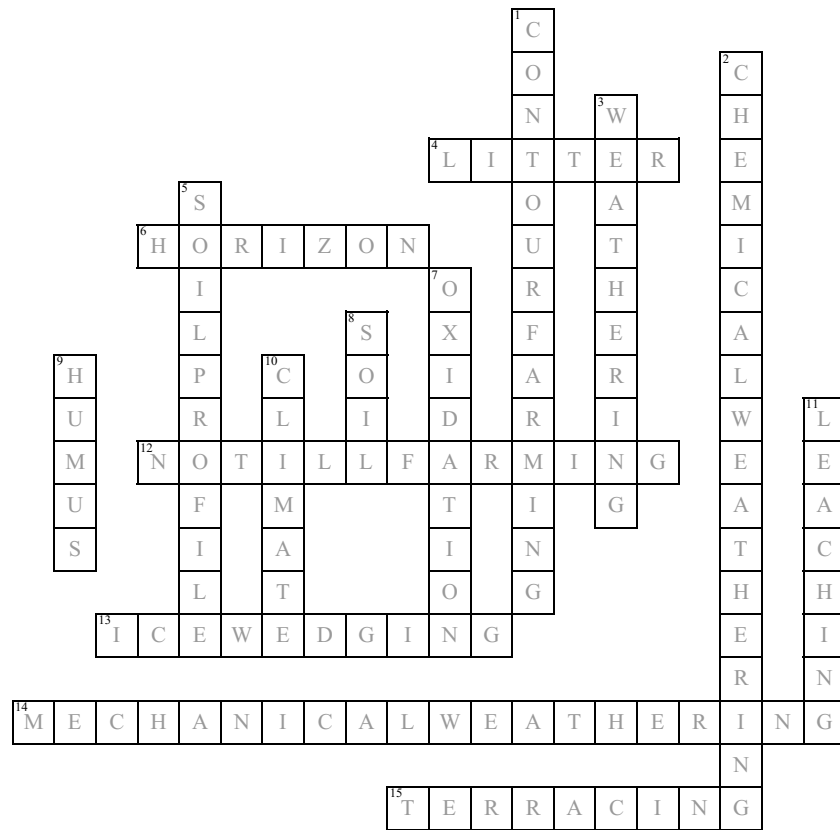


Soil Crossword



Across

- 4. twigs, leaves, and other organic matter that helps prevent erosion and hold water and may eventually change into humus by decomposing organisms
- 6. each layer in a soil profile (O, A, B, C)
- 12. method for reducing soil erosion; plant stalks are left in the field after harvesting and the next year's crop is planted within the stalks without plowing
- 13. mechanical weathering process that occurs when water freezes in the cracks of rocks and expands, causing the rock to break apart
- 14. physical processes that break apart rock without changing its chemical makeup; can be caused by ice wedging, animals, or plant roots
- 15. farming method used to reduce erosion on steep slopes

Down

- 1. planting along the natural contours of the land to reduce soil erosion
- 2. Occurs when chemical reactions dissolve the minerals in rocks or change them into different minerals
- 3. mechanical or chemical surfaces processes than break into smaller and smaller pieces
- 5. vertical section of soil layers, each within is a horizon
- 7. chemical weathering process that occurs when some minerals are exposed to oxygen and water over time
- 8. mixture of weathered rock and mineral fragments, decayed organic matter, water, and air that can take thousands of years to develop
- 9. dark-colored, decayed organic matter that supplies nutrients to plants and is found mainly in topsoil
- 10. Average weather pattern in an area over a long period of time; can be classified by temperature, humidity, precipitation, and vegetation.
- 11. removal of minerals that have been dissolved in water