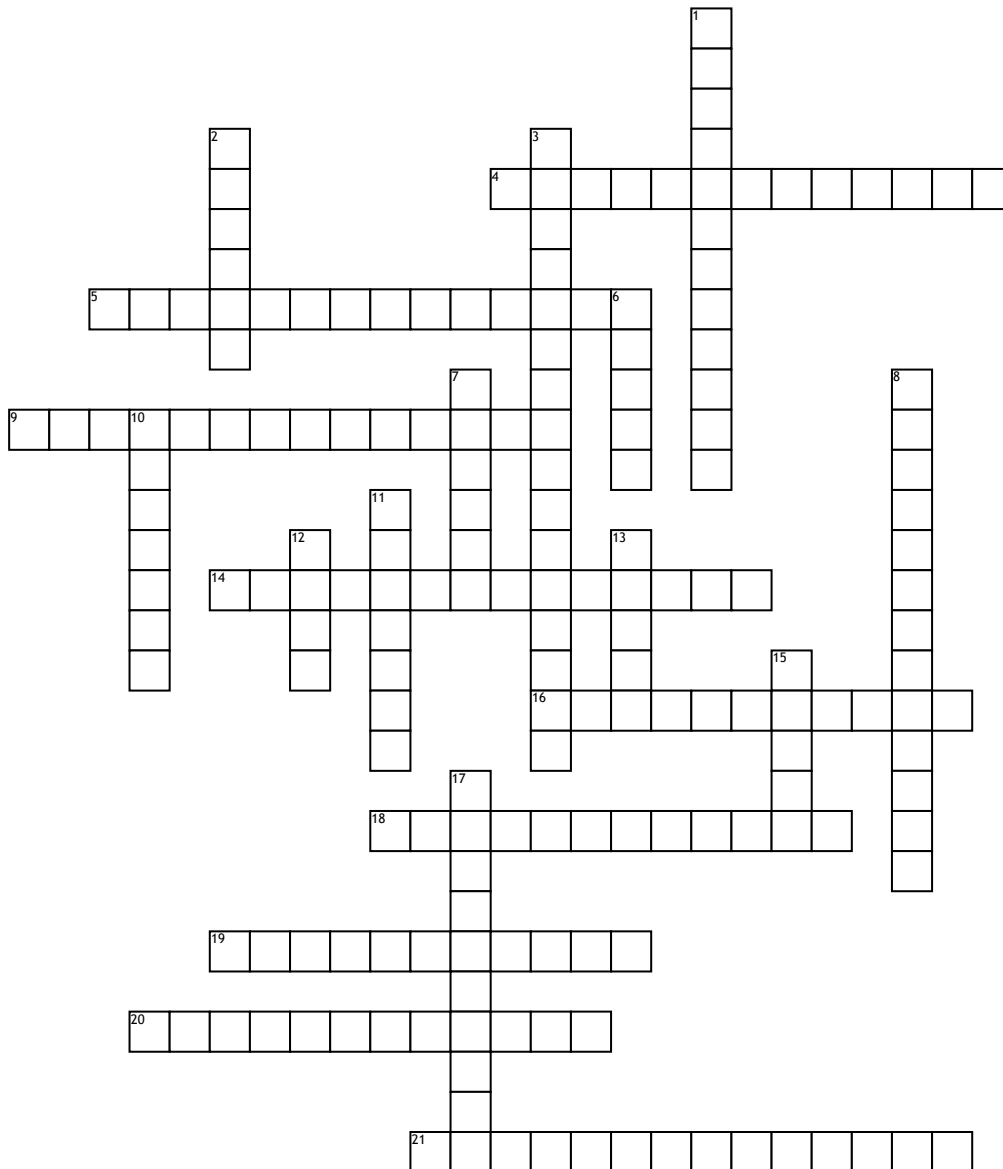


Science Vocab



Across

4. a plants response to touch
 5. pushing the gas and brake pedal on cars, football being kicked, pulling a cart
 9. when water presses against the plants cell walls from the inside, strengthening the structure of the entire plant
 14. plants converting radiant energy to chemical energy
 16. a process that allows plants to harvest energy in sunlight and store it chemically
 18. a simple lifting machine consisting of a rope that unwinds from a wheel

19. work= force times distance
 20. when plants grow towards sunshine and other sources of light
 21. when grass begins to sprout and it exerts a force on its own then a seedling must push through its seed casing and through the soil above it

Down

1. a plants growth or turning of the roots towards or away from moisture
 2. when there is no motion
 3. glucose and oxygen are results
 6. keeps something together or seals it
 7. moves something in the same direction you are pulling like moving a bucket up to a tree house

8. a ramp that gets something somewhere in an easier form
 10. plants growth movement and turning is due to this
 11. the growing motion of plants
 12. when force is applied to an object
 13. triggers something to do something like a light switch
 15. it keeps someone form holding something and makes it stay put
 17. when a plant grows and the cells in its roots are pulled toward the center of the Earth and the rest of the plants cells are pushed upward