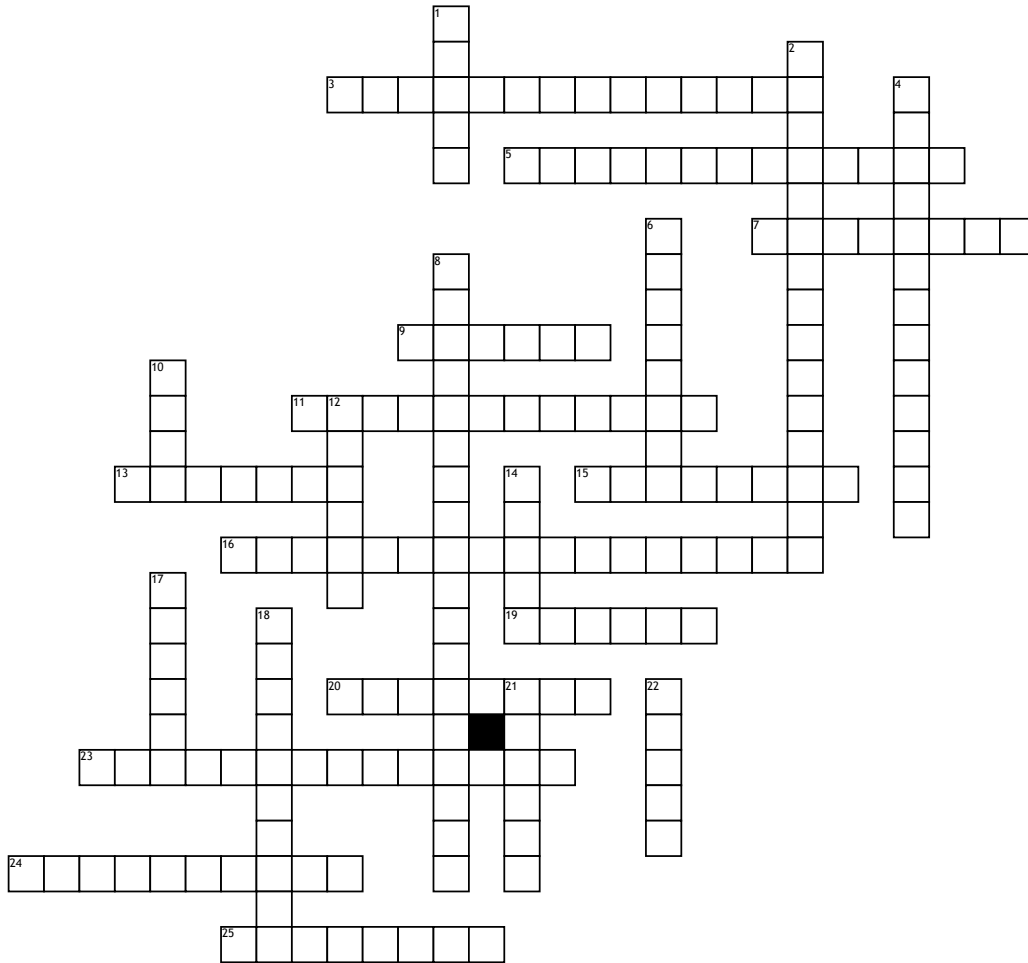


Tissue Types



Across

3. responsible for voluntary movements; striated
 5. flexible and "stretchy" fibers that add elasticity to tissue
 7. inside kidney tubes and many glands; main job is secretion
 9. tissues that are neither dermal nor vascular
 11. involuntary muscle found inside many internal organs of the body; lacks striations
 13. found in the brain, spinal cord, and nerves; responsible for coordinating and controlling many body activities
 15. muscles that contract and relax like giant elastic bands to allow skeletal movement; marked with thin, narrow grooves or channels
 16. provide strength and flexibility
 19. serves as the outer protective covering of the plant

20. often found where secretion or active absorption is important
 23. lines blood vessels and the air sacs of the lungs where it has to diffuse nutrients
 24. covers outside of the body and lines organs and cavities
 25. protective tissue that replaces the epidermis in older regions of stems and roots

Down

1. conducts water and dissolved minerals upwards from roots into the shoots
 2. join connective tissue to adjacent tissues
 4. involuntary muscle found only in the heart; striated
 6. facilitates the transport of materials through the plant and to provide mechanical support

8. Multiples tiers of cells; found on surfaces subject to abrasion; new cells formed by division near the basal surface and pus outwards to replace cells that are destroyed

10. mineralized connective tissue
 12. tissue responsible for nearly all types of body movements
 14. connective tissue made of plasma, erythrocytes, leukocytes, and platelets; carry oxygen, white cells function in defense
 17. transports sugars from where they are made to where they are needed
 18. holds many tissues and organs together and in place; sparse population of cells scattered in an extra cellular matrix
 21. the nerve cells that transfer information within the body
 22. group of neurons that interpret nerve impulses

Word Bank

stratified squamous	cardiac muscle	bone	collagenous fibers	nervous
blood	epithelial	xylem	elastic fibers	muscle
smooth muscle	neuron	periderm	cuboidal	striated
connective	reticular fibers	dermal	phloem	columnar
ground	brain	vascular	simple squamous	skeletal muscle