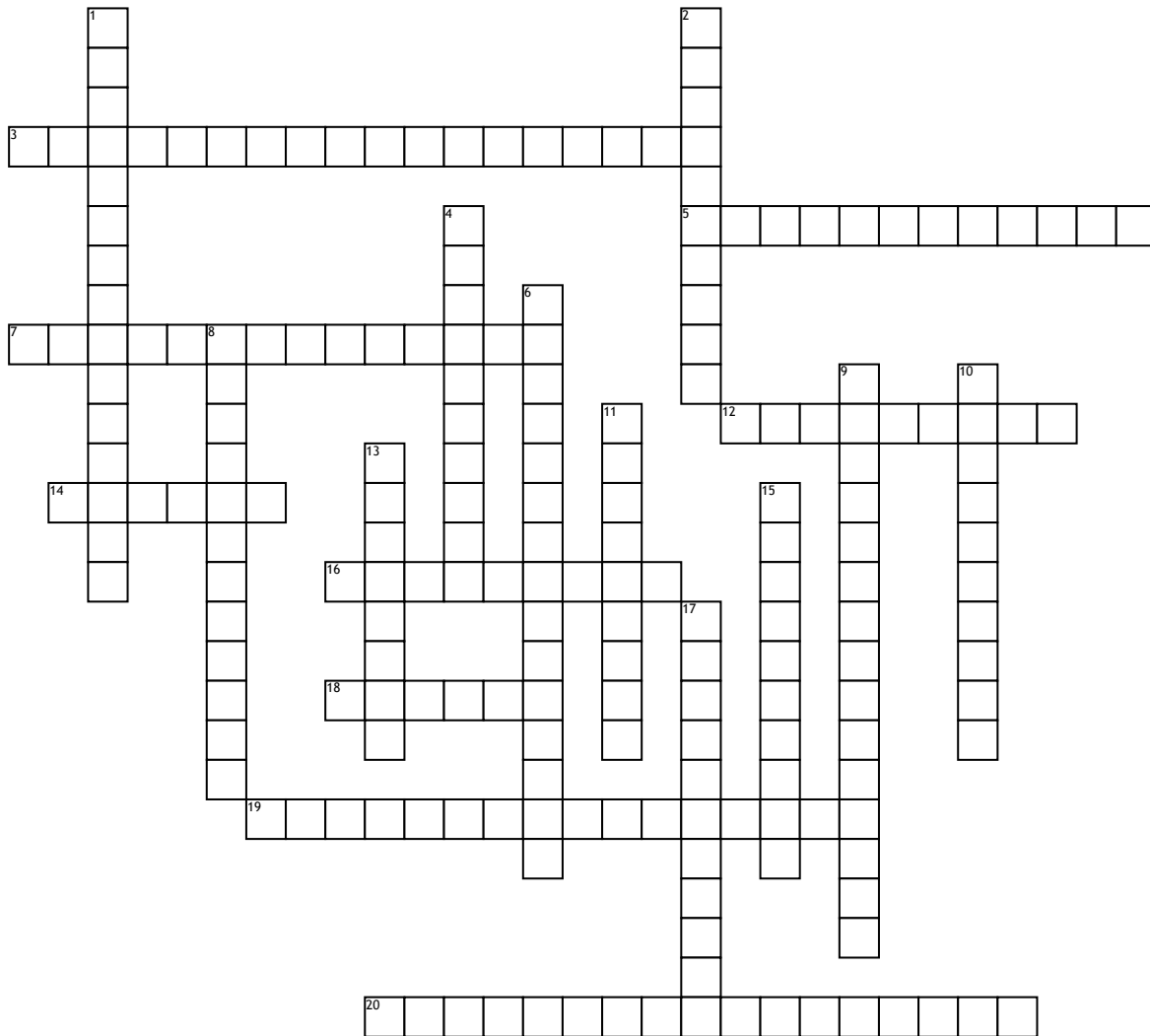


Skeletal System Vocab



Across

3. smooth, white tissue that covers ends of bones
 5. cerebrospinal fluid-filled space that runs longitudinally through the length of entire spinal cord
 7. replaces epiphyseal plate once growth stops
 12. midsection of long bone
 14. central canal containing blood capillaries and concentric osseous lamellae around it occurring in compact bone
 16. contain red and white blood cells and platelets
 18. cavity/ depression in bone

19. provides energy and nourishing elements for osteons

20. growth plate closest to joint

Down

1. made of spongy bone, and covered in articular cartilage
 2. large multinucleate bone cell that absorbs bone tissue during growth
 4. dense layer of vascular connective tissue around bones
 6. central cavity of bone shafts where red/yellow bone marrow is stored
 8. contains mostly fat cells and develops some white blood cells

9. plate of hyaline cartilage found in children/ adolescence. located in metaphysis

10. cell that secretes the matrix for bone formation

11. bone cell, when osteoblast becomes embedded in matrix

13. thin layer, membrane, plate-like tissue

15. (cancellous bone), porous and highly vascularized and contains red bone marrow

17. (cortical bone), dense bone in which the bony matrix is filled with organic ground substance and inorganic salts