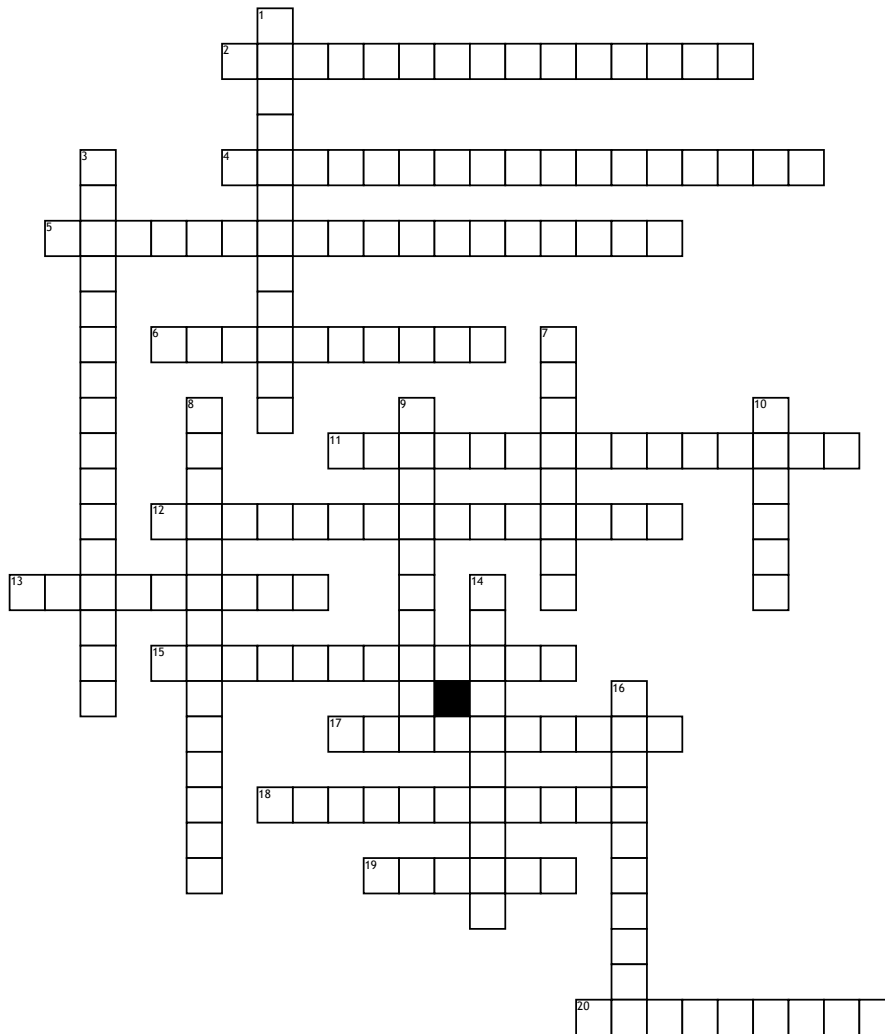


Name: _____ Date: _____ Period: _____

Skeletal System



Across

2. innermost part of bone shaft
4. growth plate of a closer bone
5. connective tissue of joints that provides smooth lubricated surface for articulation.
6. highly vascularized, at the ends of long bones, and with harder compact bones surrounding it
11. growth plate of a farther bone
12. hyaline cartilage plate, growth plate, at ends of long bones
13. central part of a long bone

15. color due to higher number of fat cells
17. cell that secretes matrix for bone formation
18. dense bone filled with organic ground substance
19. cavity in bone
20. red blood cells, platelets, white blood cells

Down

1. fluid space that runs through the entire spinal cord

3. provide energy and nourishing elements for osteons.
7. thin layer in bone tissue
8. plate of hyaline cartilage located at the end of the long bones
9. multinucleate bone cell that absorbs bone tissue during growth and hearing
10. functional unit of compact bone
14. dense layer of vascular connective tissue covering bones
16. bone cells formed when osteoblast is embedded in secreted matrix

Word Bank

osteocyte	epiphyseal line	medullary cavity	central canal	articular cartilage
red marrow	periosteum	diaphysis	lamellae	yellow marrow
proximal epiphysis	lacuna	distal epiphysis	osteoclast	epiphyseal plane
perforating canal	spongy bone	osteoblast	compact bone	osteon