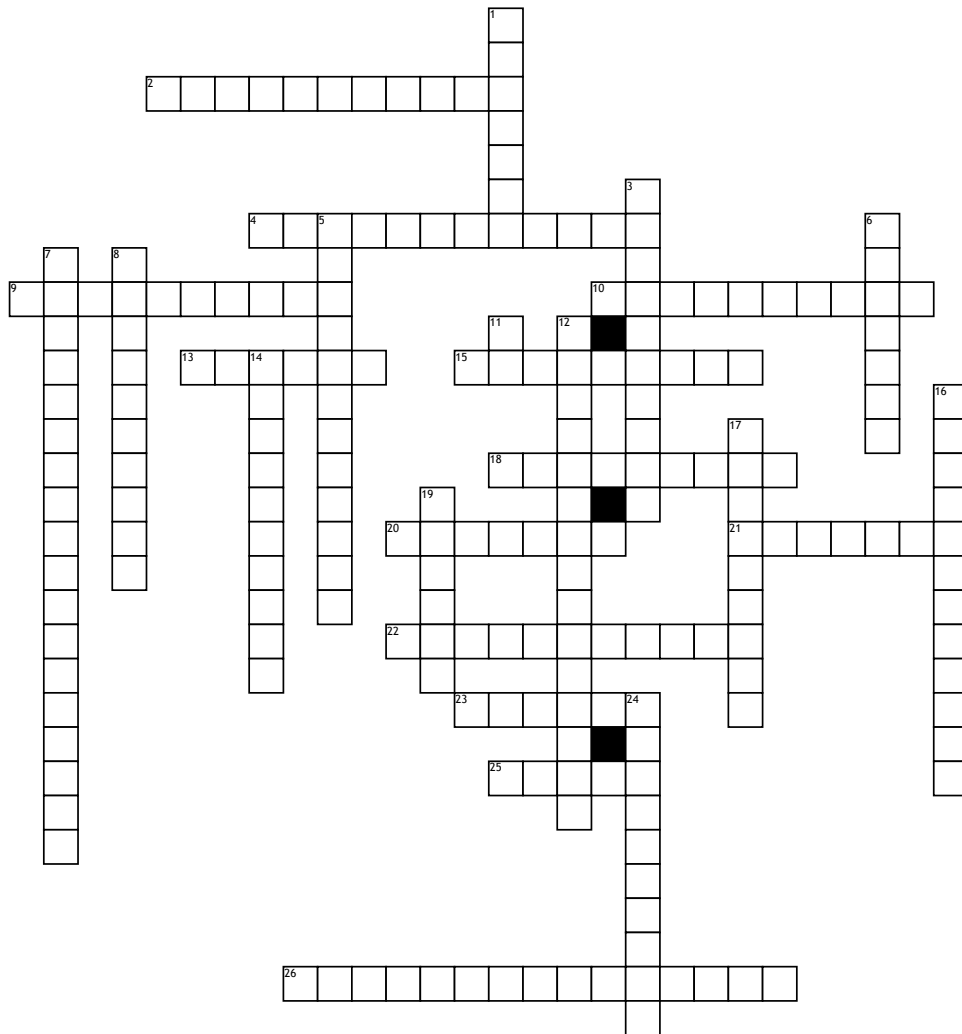


Name: _____ Date: _____ Period: _____

Os Words Vocab



Across

2. microscopic canals that connect the lacuna
4. vessel that contains blood, oxygen, nutrients, etc.
9. bone forming cell
10. embryonic cells that develop into connective tissue
13. cylinder unit containing the bone cells surrounding the osteonic canal
15. mature bone cell
18. Transverse channel that connects osteonic canals
20. hollow cavity where the osteocyte resides

21. unmineralized bone matrix, the organic part of the matrix
22. dense bone tissue where cells are arranged in Haversian systems
23. bundle of fibers that transmit messages
25. forming bone, having to do with bone
26. cells at the beginning of bone development

Down

1. composed of bone tissue
3. a cell that erodes bone
5. condition where bone breaks easily because calcium is removed
6. a layer of matrix in an osteon

7. Longitudinal canal containing blood vessels and nerves
8. covering of fibrous tissue on the outer part of bone
11. bone
12. cavity within the diaphysis containing marrow
14. branching bony plates in spongy bone
16. mature cartilage cells that develop in lacuna
17. tissue lining the medullary cavity
19. tissue that fills the cavity of most bone
24. bone tissue that consists of bars and plates with spaces

Word Bank

mesenchyme
nerves
osteocyte
osteoblast
bloodvessels
osteoprogenitor

chondrocytes
canaliculus
osseous
periosteum
lamella

osteo
Volkmann
lacunae
Os
osteoporosis

osteoid
medullarycavity
osteon
spongybone
compactbone

osteonic/Haversian
trabeculae
endosteum
osteoclast
marrow