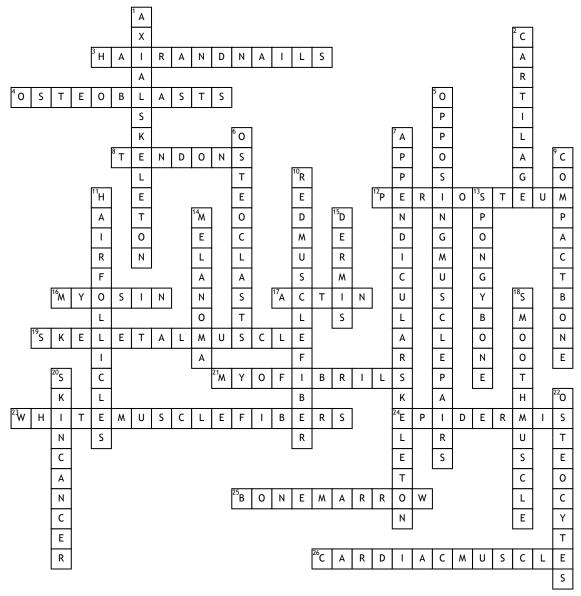
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Skeletal, Muscular and Integumentary System



Across

- **3.** made up of keratin
- **4.** Responsible for bone growth and uptake of minerals from the blood.
- 8. skeletal muscles are joined to bones by tough connective tissue called 12. tough, fibrous membrane that covers and protects the outer surfaces of
- bone

 16. each myofibril contains thick
- filaments of a protein called **17.** each myofibril contains thin
- filaments of a protein called

 19. voluntary and striated; attach to
 bones and control conscious movement
- 21. skeletal muscle cells are filled with tightly packed filament bundles called23. fast twitch; not as many
- 23. fast twitch; not as many mitochondria

- 24. outer layer of the skin
- **25.** a soft connective tissue that produces blood cells
- **26.** found only in heart and is specialized to help pump blood throughout the body

Down

- 1. consists of the skull, vertebral column, and the rib cage
- **2.** connective tissue found in many areas of the body
- **5.** when one muscle in the pair contracts, the other muscle in the pair relaxes
- **6.** dissolve minerals in bone matrix and release them back into the blood.
- 7. consists of the bones of the arms, legs, pelvis and shoulder area

- **9.** makes up the dense outer layer of bone
- **10.** slow twitch; contains many mitochondria
- **11.** produced by cells at the base of structures called
- **13.** found inside bones and is lighter and less dense than compact bone
- 14. most serious type of skin cancer
- 15. beneath the epidermis
- **18.** found in hollow organs of the body such as stomach, intestines, and around blood vessels
- 20. abnormal growth of cells in skin
- 22. Regulate mineral homeostasis