

Day 41

Skeletal System Webquest

A. The Structure of Bone

1. What are 3 purposes of the skeletal system?
2. What is the tough, smooth, shiny substance called that is at the end of each bone?
3. What keeps our bones from scratching and bumping against each other when we move?
4. What are the long stretchy bands that hold our bones together?

B. The Development of Bone

5. What would happen if you didn't have bones?
6. Are bones alive? Explain.
7. What percentage of the creatures on earth do not have a backbone?
8. How many bones are in your face?
9. Who has more bones in their necks--humans or giraffes?
10. How many joints do you have in your body?

C. Bones of the Skull

There are bony supports inside the skull to help our skulls withstand the enormous pressure exerted when we chew.

11. What is the smallest bone in our bodies?
12. Where in your body are over half of your bones located?
13. Where is the only jointless bone in your body?

D. The Vertebral Column

14. What structure is located between each vertebrae and what purpose does it serve?
15. How many vertebrae do humans have?
16. How is a human spine different from most other mammals? How does this difference benefit humans?
17. What are the three types of vertebrae?

E. Ribs

18. What is another name for the breastbone?
19. How many pairs of ribs do most humans have?
20. What connects the ribs to the sternum?
21. What protective function does the ribcage serve?

F. The Lower Extremities

22. How many bones do you have in your foot?
23. Where are your tarsal bones? (They're in two different places).
24. Where are your metatarsal and phalange bones?
25. How does the arch in your foot help you?
26. What is the longest bone in your body?

G. The Upper Extremities

27. How many bones are in each of your hands?
28. What 3 bones make up your arm?