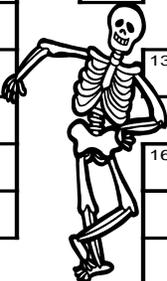


Bones Scavenger Hunt

Name _____

Read the Kids Discover Bones booklet to help you complete this worksheet.
Write all answers on this worksheet – **DO NOT WRITE IN THE BOOKLET!**

- How many bones did you have in your body when you were born? _____ How many will we have as adults? _____
- What happened to the “extra” bones? _____
- What percentage of animals are vertebrates? ____%
- What type of skeleton do humans have: exoskeleton or endoskeleton? _____
- What percentage of water is contained in our bones? ____% How does this compare to other tissues? _____
- Which skeleton is made up of the bones from the central part of our body? _____
- Which skeleton is made up of the bones in our appendages? _____
- Identify the scientific name for each bone.



- Across**
- Shinbone
 - Tailbone
 - Neck vertebrae
 - Fingers & toes
 - Heel bone
 - Upper-arm bone
 - Lesser forearm bone
 - End of spinal column
 - Breastbone
 - Hand bones
 - Main forearm bone
 - Upper jaw
 - Collarbone
 - Thigh bone

- Down**
- | | | |
|----------------|-----------------------|--------------------------|
| 1. Calf bone | 7. Kneecap | 17. Lower jaw |
| 2. Cheek bone | 8. "Middle" vertebrae | 18. Ankle bones |
| 5. Wrist bones | 9. Spine | 19. Skull |
| 6. Foot bones | 16. Shoulder blade | 20. Lower back vertebrae |

9. What are the five classes of bones?

10. Where are the smallest bones in your body found? _____

11. Where are the longest and strongest bones in your body found? _____

12. What is produced by the bone marrow? _____

13. What do platelets do for you when you cut yourself? _____

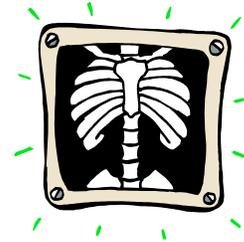
14. How old is an embryo when its skeleton begins to form? _____

15. What part of the body does each bone or set of bones protect?

Skull - _____

Ribs - _____

Vertebrae - _____



16. Match each type of joint to its best description.

___ Suture

A. Allows for movement from side to side, backward and forward; forearm & wrist

___ Hinge

B. Allows for movement like a hinged door; elbow and knee

___ Ball & Socket

C. Allows the greatest range of motion; found in the hip

___ Ellipsoidal

D. Allows the thumb to rock back and forth and rotate

___ Saddle

E. Found between the bones in the skull

___ Pivot

F. Made of cartilage; pads between vertebrae

___ Gliding

G. Made of two flat bones that rub against each other; wrists and ankles

___ Cartilaginous

H. Allows the skull to move from side to side

17. What are the five classes of vertebrates?

18. How many species on Earth have backbones? _____ How many do not? _____

19. How are antlers different from horns? _____

20. How many vertebrae are in a giraffe's neck? _____ How many do humans have in their necks? _____

21. What type of scientist would examine a body? _____ and _____

22. What four things can a scientist learn about a person from his skeleton?

23. What do we need to have healthy bones? _____ & _____

24. What term refers to the thinning of bones that happens as people get older? _____



Turn in your worksheet and booklet at the end of class.