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!

1. How many bones did you have in your body when you were born? ______ How many will we have as adults? ______

2. What happened to the “extra” bones? ________________________________________________________________

3. What percentage of animals are vertebrates? ____%

4. What type of skeleton do humans have: exoskeleton or endoskeleton? ___________________________________

5. What percentage of water is contained in our bones? ____% How does this compare to other tissues? ____________

6. Which skeleton is made up of the bones from the central part of our body? ________________________________

7. Which skeleton is made up of the bones in our appendages? _______________________________________________

8. Identify the scientific name for each bone.

Across
3. Shinbone 4. Tailbone

Down

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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.

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