

Chapter 13.2 Scavenger Hunt. (7th)

Date _____

Last Name _____, First _____ per _____

Pre- read chapter 13.2, starting on page 518 and find the answers to the scavenger hunt clues.

1. What is the **title** of chapter 13 section 2? _____

2. List the 9 **key terms** in section 13.2 page 518
 - a. _____
 - b. _____
 - c. _____
 - d. _____
 - e. _____
 - f. _____
 - g. _____
 - h. _____
 - i. _____

3. **California Standards Focus -3 Green Keys**
 - a. Complete the three standards focus questions.
 - i. What are the _____ of the _____
 - ii. What role do _____ play in the body
 - iii. What are the characteristics of _____, and how can you keep your bones _____ and _____.

4. **Lab Zone Standards Warm up on page 518**
 - a. What two kind of objects will you be comparing? _____
 - b. What tool will you need in this investigation? _____
 - c. What kind of notes will you be taking? _____

5. **Define the highlighted words on pages 518 and 519**
 - a. skeleton _____
 - b. vertebrae _____

6. **Green Key page 518**
 - a. The bolded sentence explains that the skeleton has 5 major functions. What are those functions?
 - i. _____
 - ii. _____
 - iii. _____
 - iv. _____
 - v. _____

7. **Figure 11 “The Skeleton”**

- a. What are two function of the skeleton as described in figure 11?
 - i. _____
 - ii. _____
- b. What is the scientific name for the collar bone? _____
- c. What is the scientific name for the shoulder blade? _____
- d. Compare the skeleton to a building frame. How are the two alike? _____
- e. How many bones are named in the figure? _____
- f. What are the names of the 3 kinds of bones found in the hand?
 - i. _____
 - ii. _____
 - iii. _____
- g. What are the names of the 3 kinds of bones found in the foot?
 - i. _____
 - ii. _____
 - iii. _____

8. **Go Online Active Art “Movable Joint Activity” page 520**

- a. If you were to go online to PHschool.com to try the active art activity, What web code would you use? _____

9. **Define the Highlighted words on pages 520 and 521**

- a. Joint _____
- b. Ligament _____
- c. Cartilage _____

10. **A Green Key page 520**

- a. What do joints allow bones to do? _____

11. **Figure 12 “Movable Joints”**

- a. Complete the table by listing 4 types of movable joints, the motion they allow, and an example found in the body.

MOVABLE JOINTS		
TYPE OF JOINT	MOTION	EXAMPLE OF JOINT
Hinge Joint	Forward and Backward motion	Knee
		shoulder

12. **Lab Zone Skills Activity “Classifying” page 521**

- a. Perform the listed activities and then determine which type of movable joint is involved.
 - i. Moving your arm in a circle _____
 - ii. Push open a door _____
 - iii. Lift a book from a desk _____
 - iv. Kneel down _____
 - v. Wave your hand _____
 - vi. Twist your head from side to side _____

13. **Green Key page 522**
- Are bones alive or not. _____
 - Explain _____
14. Define the **highlighted words on page 522**
- Compact bone _____
 - Spongy bone _____
 - Marrow _____
15. **Figure 13 “Bone Structure”**
- What is the most obvious feature of a long bone _____
 - What would you find in the compact bone tissue within the shaft? _____
 - What is the function of these canals? _____
 - Do bones have blood vessels running through them? _____
16. **Lab Zone Try This Activity “Soft Bones”**
- If you tried this activity you would be soaking bones in two different liquids. What are those liquids? _____ and _____
 - How long would you soak the bones? _____
 - What would you predict would happen to the bone soaked in vinegar? _____
17. **Green Key page 524**
- A combination of what would be important for a lifetime of healthy bones? _____
18. **Figure 14 “Caring For Your Bones”**
- What is the boy doing and how is he equipped to help keep his bones healthy? _____
 - What is the girl doing to keep her bones healthy? _____
19. Define the **highlighted word on page 525**.
- Osteoporosis _____
20. **Figure 15 “Osteoporosis”**
- What kind of things would cause a person’s spine to develop osteoporosis? _____

Now go back and read the chapter carefully. Then complete the workbook and the section 13.2 assessment.