

## Chapter 4: The Skeletal System – Guided Notes

Video URL: <https://www.youtube.com/watch?v=J8x6tZI2hVI>

1. What are the four **main functions** of our skeletal system?
  - A. Jasmine
  - B.
  - C.
  - D.
2. If we compared our bones with steel, which would be stronger?
  - A. Ruth
3. List each **type of bone**, and give an example of each:
  - A. Becky thru Leo
  - B.
  - C.
  - D.
4. Describe each **type of bone tissue** by listing the type's name and characteristics
  - A. Leilani/Ashley
  - B.
5. One of the advantages of bone over steel is that bone is composed of living cells. How is this an advantage?
  - A. Chelcy
6. Which portion of a long bone is composed of compact bone tissue? Where is it located?
  - A. Areeya

Which portions of a long bone are composed of cancellous bone tissue? Where are they located?

  - B. Emily
7. What are attached to the periosteum?
  - A. Diana
8. Where is bone marrow found, and what are three of the functions of bone marrow?
  - A. Jennifer

Reading: Page 82-83

1. During the warm up, we spoke about babies being born with cartilage and flexible tissue, which grows together in childhood. What is that cartilage replaced by? Natalie
2. How could you differentiate between **long and short bones**? Amarani
3. What is unique about **flat bones**? Jason
4. What is another name for **cancellous bone**? Lilia