

Human Physiology

Home Learning for Week of April 6 – 9

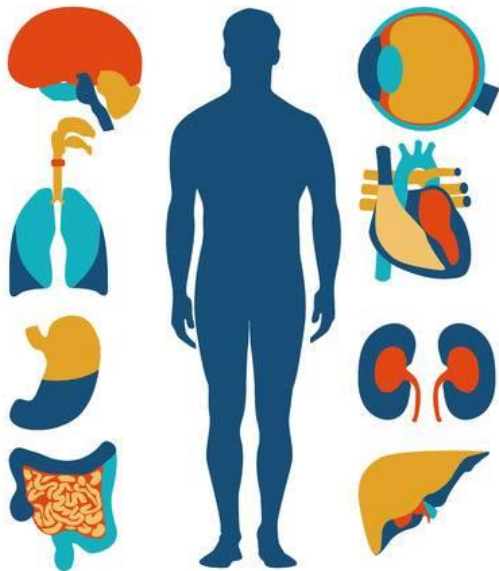
Use the link below to watch the following videos:

- Skeletal structure and function
- Cartilage
- Ligaments, tendons, and joints

<https://www.khanacademy.org/science/high-school-biology/hs-human-body-systems/hs-the-musculoskeletal-system/v/skeletal-structure-and-function>

Questions for consideration:

- A. What is the difference between an *exoskeleton* and *endoskeleton*? Which type of skeleton do humans have?
- B. What are the main functions of the human skeletal system? What would happen if humans had no skeletal system?



- C. Describe the two different types of bones in the human body.
- D. How are the three types of cartilage different?
- E. What do ligaments connect? What do tendons connect?
- F. Why do you think it is important for humans to have fixed joints (do not allow movement), partially movable joints, and moveable joints? What would happen if humans had only one type (think about this for each type)?