**Skeletal System Guided Notes:**

1. Describe the 5 functions of the skeletal system.

 Support:

 Protection:

 Movement:

 Mineral storage:

 Blood cell formation:

1. List bones that are examples of each bone type.

 Long Bones:

 Short Bones:

 Flat Bones:

 Irregular Bones:

 Sesamoid:

1. What is the difference between a tendon and a ligament?
2. Describe the outside of a long bone.
3. What are the bulbous ends of a long bone called?
4. What type of bone is found in the epiphysis of a bone?
5. What is the shaft of a long bone called?
6. What materials give the diaphysis both its hardness and its flexibility?
7. What material is in the diaphysis of a long bone?
8. What is red marrow producing?
9. Why is yellow marrow yellow?
10. At birth, all bone marrow is \_\_\_\_\_\_\_\_\_\_, but more and more of it is converted to \_\_\_\_\_\_\_\_ as we age.
11. In what type of bone is red bone marrow found in the greatest quantities?
12. Simply put, what is the axial skeleton?
13. Simply put, what is the appendicular skeleton?
14. Why are the bones of the skull separated at birth?
15. What are the functions of the sinus cavities?
16. The vertebral column is broken down into 5 regions. Describe each in your own words.

 Cervical

 Thoracic

 Lumbar

 Sacrum

 Coccyx

1. Why are the vertebrae of the vertebral column shaped differently?
2. What is a Haversian canal?
3. What is the difference between true, false and floating ribs?
4. What 2 bones make up the pectoral girdle?

\*\*\*\* Start studying the “bones you need to know” NOW\*\*\*

1. What large bone makes up the pelvic girdle?
2. Describe a hinge joint in your own words?
3. Name 2 joints in your body that are hinge joints?
4. Describe a ball and socket joint in your own words?
5. Name 2 joints in your body that are ball and socket joints?
6. Where would you find a fibrous joint in your body?
7. Describe a cartilaginous joint.
8. Name 2 places you would find a cartilaginous joint.
9. How many bones are you born with? How many do you have as an adult?
10. What is an osteoblast?
11. What is an osteocyte?
12. Describe 2 typical fractures a person might sustain.
13. What is osteoporosis?
14. How is most likely to suffer from osteoporosis?
15. Describe what an osteoporotic bone looks like.