**December Notes: Day 2 The Musculoskeletal System**

Name: Period: Date:

**Aim: What is the musculoskeletal system?**

**Do Now: The Achilles tendon is the tendon that connects the calf muscle to the heel of the foot. If that tendons is cut, what movement will the foot not be able to do?**

**What makes up the Musculoskeletal system?**

* Both the system and system work so closely together that they are sometimes called the system.
* The that make up these systems include:
  +  -provides a strong rigid for the body
  +  – attaches to
  +  – attaches to other
  +  - specialized tissue that and allow us to move
  +  - between bones

**What are the functions of the Musculoskeletal system?**

*  major organs such as the , heart and
* Makes
* Allow us to move (willingly and knowingly)

**How can we move voluntarily?**

*  come in and attach to the
* What attaches muscles to bones?
* One muscle to move the in one direction and another to move it back the other way.

**What is the bone marrow?**

Bone is the tissue inside some of your bones, such as your and bones. It has cells called . These stem cells can develop into the ,  the and

**How do muscles help maintain Homeostasis?**

* What does your body do when you are cold?
* When we , that is our bodies trying to get us .
* Muscles have a lot of and produce a lot of Some of this energy is .

**Lets see if we got this.**

* 3 Functions of the musculoskeletal system?
* Where is blood made?
* What is the function of tendons?
* What the function of ligaments?
* How do muscles help maintain homeostasis?