Human Body Systems Portfolio

Due: The day before the unit test FEB \_\_\_\_\_

**Description:** Students will research human body systems using the list of required elements for each specific system listed in the guide. A final portfolio will be the product. It will be scored based on the rubric below.

**Portfolios:** The portfolio must be presented in a 3 prong folder and must include the following elements:

* Updated table of contents
* Each system and all components of each system
* Portfolios must be **hand written** with **page references from the textbook** for each drawing and section.

SKELETAL SYSTEM

* 1. **Functions of the skeletal system**- List and describe the main functions of the skeletal system.
  2. **Classification of bones-** Draw and describe the 4 classes of bone. Give several examples for each type.
  3. **Cells of bone-** List the 4 cells involved in bone and their functions.
  4. **Fracture Repair-** Explain the processes involved in the remodeling of bone following a fracture.
  5. **Hormonal control of bone –** Discuss the cycle of PTH and its regulation on blood calcium levels.
  6. **Honors-** **Classification of Joints-** Discuss the 3 classifications of joints.
  7. **Honors-** **Types of fractures-** Describe the different kinds of fractures. Draw each type.