

Human Body:

total points possible for all layers (125 pts)

***** All student must do**

Introductory Activity

15 pts ___ ***1a. In a group of 2- 3, each group choose a body system (skeletal, muscular, digestive, respiratory, cardiovascular, urinary, lymphatic, and endocrine) and make a poster showing the major parts. Also, include one example of how this system takes a role in keeping homeostasis. Last include a diagram (using tissue and organs from your system) of how human body is organized starting from cells-tissue-organs-organ system.

C Layer assignments (maximum 50 pts/ not including any extra credit you may receive)

Lecture

***1. Listen to the lecture on Skeletal system, take notes **10 pts** _____

Reading 20 pts _____

1. Interactive textbook, Aveliable on google docs (through email). Section review and reading check **20 pts** _____
2. Directed reading **20 pts** _____
3. Outline Section 2 in Chapter 1, and do section review on page 11 **20 pts** _____

Vocabulary BONES 10 pts _____

Skeletal system bones word bank:

1. femur 2. radius 3. pelvis 4. skull 5. mandible 6. tibia 7. fibula
8. clavicle 9. sternum 10. ribs 11. cervical vertebrae 12. humerus
13. ulna 14. patella 15. lumbar vertebrae 16. scapula
4. Make vocabulary flashcards of the words and a description of where the one is (it could include a common name like hips, head) **5pts** _____
5. Create a worksheet that will teach you parts of the skeletal system. Worksheet must include a picture and the words **5pts** _____
6. Create a crossword puzzle. **5pts** _____
7. Create a game of your choice that will help you learn location of these bones. **5pts** _____

Vocabulary Skeletal system 10 pts _____

Skeletal system word bank:

1. Skeletal system
 2. Cartilage
 3. marrow
 4. compact bone
 5. spongy bone
 6. osteoblasts
 7. ligaments
 8. joints
 9. sprain
 10. arthritis
 11. Osteoporosis
4. Make vocabulary flashcards of the words and a description 5pts _____
 5. Create a quiz that will teach you organization of skeletal system . Quiz must include a picture of the inside of the bone and the answer key on a different sheet 5pts _____
 6. Create a crossword puzzle. 5pts _____
 7. Create a game of your choice that will help you learn organization of skeletal system 5pts _____

B Layer assignments (maximum 20 pts)

1. Scientific Method –skeletal system broken bones- on google docs 20 pts _____
2. Scientific method -Skeletal system (teach a stranger bones) - on google docs 20 pts _____
3. Lab about skeletal system of your choice (must be approved by your teacher)20 pts _____

A Layer assignments Technology (maximum 40 pts)

1. technology presentation presentation using the Skeletal system word bank (2-5 minutes minimum) 30 pts _____
2. 3 articles you research (actual articles need to be submitted/ NOT the websites)

A summary for each article 10 pts _____ total for all 30 pts _____

*each summary needs 2 paragraphs

paragraph #1: 5-7 sentences summarizing the article

paragraph #2: 5-7 sentences stating your opinion of the article

3. on the website : <http://anatomyarcade.com/games/gamesSkeletal.html> play 1 game and progress through 3 levels or play 3 games and progress through 1 level show the results to your teacher. 10 pts _____