**Human Body Systems Unit 7**

[**https://sites.google.com/site/gw7science/human-body**](https://sites.google.com/site/gw7science/human-body)

You may use the resources on the link provided above, or you may use search engines to find what you’re looking for. Answer each question on your paper **with complete sentences**. When finished please print your answers with your name and class period on the answer sheet.

**Skeletal System**

1. What is a joint?

2. What is a ligament?

3. What are tendons?

4. Why is the skeletal system important to us?

  Include in your answer--Protection, storage, movement, and blood cell formation.

5a. How many bones are babies born with?

5b. How many bones do adults have?

5c. Why do babies have more bones than adults?

**Muscular system**

1. What is the function/importance of the muscular system?  
2. What are the 3 types of muscles, describe each?  
3. Muscle action can be voluntary or involuntary, explain what that means and give an example of each?

**Digestive System**

1. What is the function of the digestive system?  
2. What are the main organs involved in the digestive system?  
3. What are the two types of digestion, describe each?  
4. What is peristalsis?  
5. What is the path food takes once it is put into the mouth?  
6. Where does the absorption of nutrients take place?

**Nervous System**

What is the central nervous system?  
2. What are the main organs/parts involved in the CNS?  
3. What is the Peripheral nervous system?  
4. What is an impulse?  
5. What is a synapse?  
6. What are the 3 parts of the brain and what is their job?

**Respiratory System**

1. What is the primary function of the respiratory system?  
2. What is respiration?  
3. Describe how the following parts of the body aid in respiration:  
 Nose, Pharynx, Larynx, Trachea, Bronchi, and Lungs.   
4. How do you breathe? Include the rib muscles, Diaphragm and Cellular respiration.

**Circulatory System**

1. What is the primary function of the circulatory system?  
2. What are the main organs/parts involved in the circulatory system?

3. What is blood made of, explain each?  
4. What is the function of the heart?  
5. How many chambers does the heart have?   
6. What are the three types of blood vessels, describe each?