**The Human Body Systems**

**S7L2. Obtain, evaluate, and communicate information to describe how cell structures, cells, tissues, organs, and organ systems interact to maintain the basic needs of organisms.**

c. Construct an argument that systems of the body (Cardiovascular, Excretory, Digestive, Respiratory, Muscular, Nervous, and Immune) interact with one another to carry out life processes.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Mind Map**

(Introduction to Body Systems, Cardiovascular and Excretory Systems)

Directions: Use the following guideline to create a mindmap about cell structure and function.

1. Start in the center with the topic

Human Body Systems and/or

an image of the main topic. Outside research is not required. Use your textbook and your notes

2. Think about the many aspects of the cardiovascular systems and excretory system. Then, draw branches from the central image/topic to subtopics about them. Next, draw subbranches to elaborate on the topic of the branch it stems from. This helps develop and

elaborate on the overall topic of the mind map.

1. Use one color for each subtopic.

Use multiple colors throughout the Mind Map.

4. Remember to use images and symbols

throughout your Mind Map to represent

different ideas. Your mind map must have at least 5 branches and 10 images to support the content.

5. Mind maps can be created on paper but there are many free apps/software available. (Coggle app on Google, Word, etc.)

The mindmap must include the following:

1. Illustrate the cardiovascular or excretory system. Add color. Label all parts and write the functions of the system. Be sure to include vocabulary terms from the unit.
2. Two images from the cardiovascular and the excretory system.
3. Use your illustration as the phenomenon. How does the phenomenon relate to you?
4. Construct an explanation of what would happen if one of the systems malfunctions.
5. Draw a Venn Diagram, comparing the cardiovascular system to the excretory system.
6. Construct an argument about how the cardiovascular system and excretory system interact with one another to carry out life processes.
7. Write three facts about each system. Provide evidence to support one of your facts.
8. Create two test questions with four answer choices and provide an answer key.
9. Include and explain two or more cross-cutting concepts. \*