

Body Systems Project

Due Thursday, March 7, 2019

The systems of the human body each have their own highly specialized functions. We know, however, that none of our body systems can function independently. They always work together with one or more other body systems to carry on the essential functions of life.

Essential functions of life include:

- obtaining food and other nutrients (water, oxygen, minerals),
- releasing energy from food,
- removing wastes,
- responding to stimuli,
- maintaining internal conditions (like body temperature, and functions of organs),
- and growing/developing.

Not every body system takes care of all of the essential functions of life; but together, they work to keep us alive.

Instead of an end of the unit test, you will be responsible for creating a model that shows me and your classmates that you understand how two different body systems function independently (on their own) and how they work together (or interact) to carry out one or more of the essential functions of life listed above.

A model can be any of the following:

- A poster
- A drawing
- A digital drawing
- A PowerPoint, Prezi, or other web-based presentation program
- A cartoon/comic
- A poem or song
- A 3-D representation (model, clay, building)
- A play, story, or illustrated book
- A movie
- Stop motion animation
- Have another idea? Ask Ms. Klimkosky....

STEPS FOR A SUCCESSFUL PROJECT

- 1) Clearly identify two (2) different body systems from the seven that we studied (5 pts)
- 2) For each body system, you must state the FUNCTION of the system. Which of the Essential Functions of Life does it take care of? In other words, what is the system's JOB? (40 points)
- 3) Demonstrate that you understand the basic (think 1-3 most important) parts of the system. You are NOT responsible for naming all of the parts of the system OR explaining how the parts work. For example, the Nervous System involves the brain and spine (the most important parts). (10 points)
- 4) Clearly show how the two systems interact (work together) to support one or more of the Essential Functions of Life. In other words, if your two body systems are interacting to remove wastes, then let us know that. (30 points)
- 5) Project neatness and Class presentation (15 points)

To keep you on track, **you must follow these deadlines for planning**—your thinking does not need to be complete, but you must show me that you are, indeed, thinking about the project and working a little each day toward completing it.

Due Date	Task	Check here when handed in
Tuesday, 2/26	Choose your two body systems and your model	
Thursday, 2/28	Step 2: Your basic notes: what is the function of each system and what Essential Functions of Life does each take care of? (email Ms. K. your notes) klimkoskys@truomass.org no later than Wednesday evening, 2/27—can be in email body, attached Word doc, or share Google doc)	
Friday, 3/1	Step 4: Your basic notes. How do the two systems interact? How do they work together to support one or more of the Essential Functions of Life? (email Ms. K. your notes) klimkoskys@truomass.org no later than Thursday evening, 2/28—can be in email body, attached Word doc, or share Google doc)	
Thursday, 3/7	Your project is due. We will present to the class on Thursday and continue on Friday if needed.	

