

Mrs. Sims

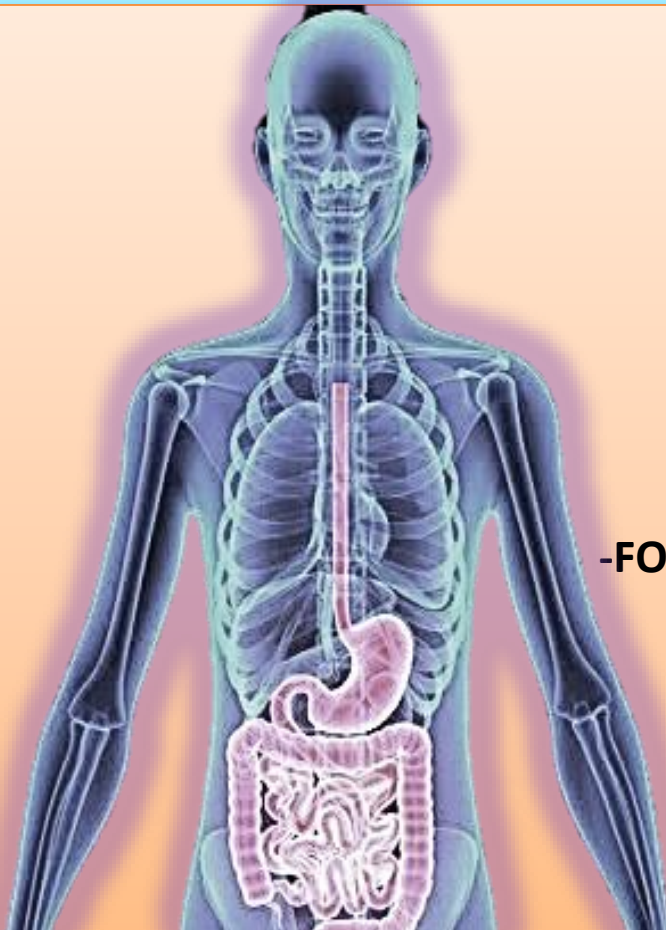
Super- Web-Quest

Human Systems

(50 POINTS)

S-LS1-3 Use argument supported by evidence for how the body is a system of interacting subsystems composed of groups of cells.

Performance Expectation: Use argument supported by evidence for how the body is a system of interacting subsystems composed of groups of cells.



- **COPY AND ANSWER ALL THESE QUESTIONS IN YOUR OWN PAPER**
- **FOLLOW THE LINKS PROVIDED.**

INTRODUCTION

You are now beginning a study of the human body. It is important that we understand how our bodies work so that we will be able to take good care of them. All of your body cells, tissues, organs, and organ-systems have to work together in order to keep you alive and healthy. You will be exploring eight organ systems of the human body by using web resources and answering the correlation to the specific questions. You may use the resources on this page, or you may use search engines to find what you're looking for. Answer each question on your own paper with complete sentences and you must "put the question in the answer". You can work with your SP in Coop. learning teams.

A.) Skeletal System

<http://hes.ucfsd.org/gclaypo/skelweb/skel01.html>

1. What is a joint?
2. What is a ligament?
3. What are tendons?
4. Why is the skeletal system important to us?
5. What is the main function of the skeletal system?

B.) Muscular system

<http://www.ck12.org/user%3Azw1hcmnvbm1aaw50zxjhy3quy2nzcz5uzxq./book/CCSD-Science-6/section/12.5/>

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?

C.) Circulatory System

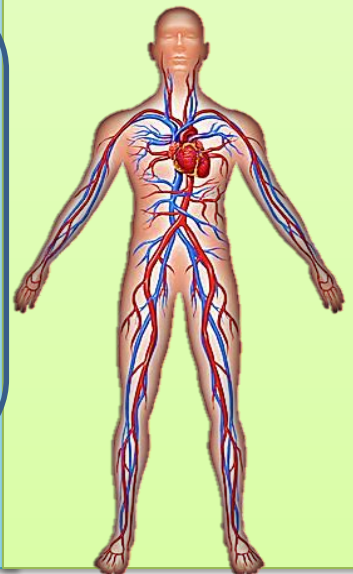
<http://www.texasheartinstitute.org/HIC/Anatomy/>

<http://kidshealth.org/en/kids/csmovie.html>

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?



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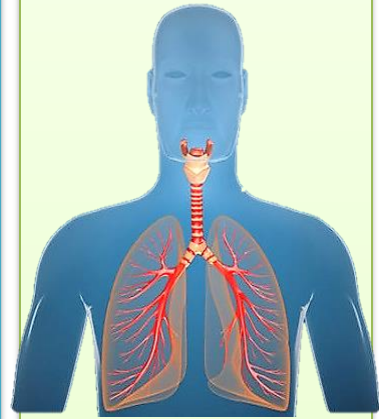


D.) Respiratory System

<http://www.webmd.com/lung/how-we-breathe>

<http://hes.ucfsd.org/gclaypo/respiratorysys.html>

1. What is the primary function and importance 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.



E.) Digestive System

<http://www.webmd.com/heartburn-gerd/your-digestive-system>

http://hes.ucfsd.org/gclaypo/digestive_system.html

<http://www.niddk.nih.gov/health-information/health-topics/Anatomy/your-digestive-system/Pages/anatomy.aspx>

<http://www.enchantedlearning.com/subjects/anatomy/digestive/>

1. What is the function and importance 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?



F.) Nervous System

<http://www.livescience.com/22665-nervous-system.html>

<https://faculty.washington.edu/chudler/nsdivide.html>

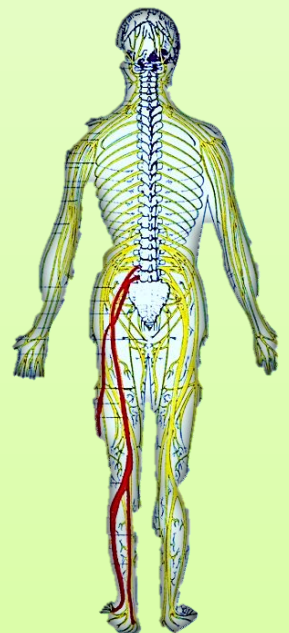
<http://www.innerbody.com/image/nervov.html>

<http://www.sciencekids.co.nz/sciencefacts/humanbody/nervoussystem.html>

<http://www.ck12.org/user%3Azw1hcmvbm1aaw50zxjhy3quy2nzzc5uzxq./book/CCSD-Science-6/section/12.13/>

1. 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?
7. What is the function and importance of the nervous system.

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G.) Integumentary System

http://biology.about.com/od/organsystems/ss/integumentary_system.htm

<http://sciencenetlinks.com/student-teacher-sheets/integumentary-system/>

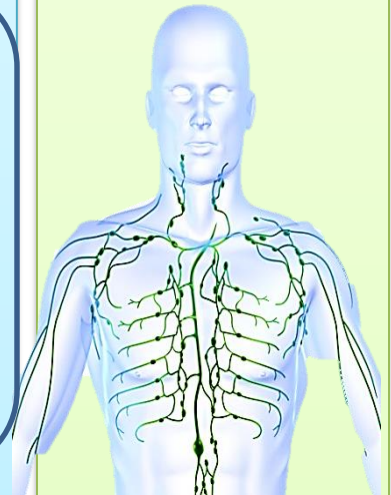
1. What is the function/importance of the Integumentary System?
2. What are the parts involved in this system?
3. What is your largest organ?



H.) Lymphatic System

<http://www.emc.maricopa.edu/faculty/farabee/biobk/biobookimmun.html>

1. What is the function and importance of the lymphatic system?
2. What are the organs involved?
3. What are white blood cells and how do they relate to the lymphatic system?



I.) Levels of organization

<http://www.ck12.org/user%3Azw1hcmnvbm1aaw50zxjhy3quy2nzzc5uzxq./book/CCSD-Science-6/section/12.1/>

1. What are the levels of organization of the human body?
2. Which type of tissue covers the surface of the body?
3. What are the functions of the skeletal system?
Which organ system supports the body and allows it to move?
4. Explain how form and function are related in human cells. Include examples.

Levels of organization

