

The Human Body: Anatomy Web Quest



Abstract

The human body is a remarkable biological machine maintained by interdependent body systems and organized biochemical reactions. Evolution has worked on humans for hundreds of thousands of years, and the current pace of technological and social change has radically transformed our lifestyle and encourages us to learn more about what makes us, us: organ systems.

Introduction

Have you ever wondered how your food is digested, or how you can breathe, or even move your arms? If you think about it, it's pretty amazing that the human body can do all of these things and more. These actions are made possible by what are called organ systems which are collections of organs, body parts, and tissues that work together for a common goal.

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Goal

Congratulations user! You have been given the awesome responsibility of assembling a handbook that breaks down the human body into each of its ten major organ systems. How are you going to do it? It is highly recommended that you work in a team. In groups of two to four people, you will become experts in your organ system. Your group is tasked with completing a Web Quest Project - to create a student-made handbook that recounts each of the human body's ten organ systems and how they influence the overall function of the human body in the modern day.

Task

You will be in a group of three to four who will be responsible for researching where an assigned organ group is located and what function(s) it may serve in the body. Resources will include your textbook, the internet, websites, articles, pictures and any other resource that can assist the group in contributing to the final product. Each organ system will include a full diagram of its components as well as a page dedicated to a full description of each organ's role in the system.

Process

So, let's get ourselves started!

Your groups will be determined by a random selection from the generator at the top of this page. Since there are 11 main organ systems to be featured, you will only be generating numbers from 1 to 11. This number will then determines your group number.

[insert table]

Once you picked your organ system, you're ready to start with the diagram!

Step 1: Draw a clear diagram of the organ system that was picked and outline it inside the human body. Make sure to draw carefully and use plenty of colors for a better evaluation later on!

Step 2: Next, write a one-page summary of your organ system, which will include :

- A description of each organ and its function.
- How the organs work together to function as a system.
- How the organ system functions to serve the human body.
- Any other interesting facts about your organ system.

Step 3: Present your organ system to the class! Here's are some tips:

- Stand tall with your backside parallel
- Project your voice so everyone can hear you clearly

- Make sure everybody in the group gets to talk
- Do not stutter or pause in the middle of a sentence