

Group Web Quest

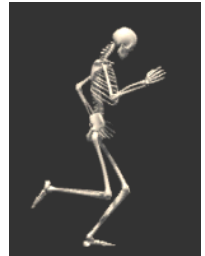
The Human Body

Directions: Use this worksheet as a guide as you make your quest through the skeletal, digestive, cardiovascular and nervous systems of...the human body! Fill out the answers with your group and report your findings to your teacher when you have finished your quest. Good luck, doctors!

Begin by visiting: <http://bestgrouphere.angelfire.com/index.html>

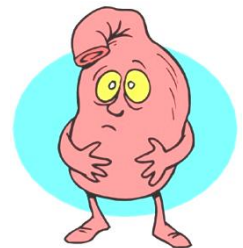
The Skeletal System

- 1) How many bones does an adult human have?
- 2) Name two purposes for the human skeletal system?
- 3) What is the largest and smallest bone in the human body and where are they located?
- 4) What skeletal disease, that is present at birth, does a person have when their spinal cord doesn't form correctly and the vertebrae and skin cannot form around it?
- 5) Name five bones in your feet.



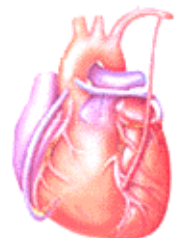
The Digestive System

- 1) What are the two solid digestive organs?
- 2) How does food move through the body?
- 3) The wall of the stomach has how many layers?
- 4) The stomach is located between the esophagus and what organ?



The Cardiovascular System

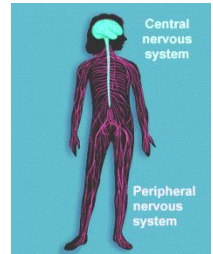
- 1) What are the three main types of blood cells?
- 2) What makes the sound of a heart beat?



- 3) How much blood do the average man and woman have in their body?
- 4) In the average day, how many times does your heart beat?
- 5) What is the difference between arteries and veins?

The Nervous System

- 1) Name five major organs that are part of your nervous system.
- 2) What is the main purpose of your spinal cord?
- 3) List one function of each of the following brain structures:
 - a. cerebral cortex
 - b. cerebellum
 - c. brain stem
 - d. hypothalamus
 - e. hippocampus
- 4) What are nerves and how do they pass messages to your body?
- 5) **Fun Fact:** Is it true that we only use 10% of our brain?



Drawing Conclusions

As you reflect on your journey through the human body, consider all you have learned about the systems in the body and answer the following question in a short paragraph:

Could you survive if one of these four systems was missing from your body, why or why not?