

The Body Systems Research / WebQuest

Introduction:

You are a medical doctor and you noticed that many of your patients (classmates) are unaware of the importance of their body systems. Because you are concerned about your patients' (classmates') health, you have decided to make a presentation to your patients (classmates) explaining the body systems.

The Task:

For this Research / WebQuest, you and your team of doctors (partners) must produce a research paper about your assigned body system. Each member of your team will become an expert/specialist on **one** organ associated with a particular body system. Then, come together as a team of doctors and present your body system.

The Process:

First:

Become a specialist on your assigned organ. (Your other team members will become specialists on the other organs associated with

the assigned body system). Find out information about your organ and take notes. Include the following information in your note taking:

- What body system is the organ a part of?
- What does the organ look like?
- What is the job/importance of the organ?
- What are some interesting facts about your organ?

Second:

Write a paragraph about the organ you researched.

Third:

Come together with the other team of doctors (partners) associated with your body system and share what you learned about the organ you researched. Together, produce a research report about the assigned body system. Your research report should include the following:

- **Introduction:** The introductory paragraph should include the name of the body system, its purpose and its parts (organs).
- **Body (Information on each organ):** Include each organ paragraph that each team member wrote associated with the assigned body system. The number of

paragraphs for the body of the research report will depend on the number of organs associated with your body system.

- **Conclusion:** What would happen to the body if something happened to the body system you and your team of doctors researched? Why is this body system important to the body?

The Presentation:

You and your team of doctors (partners) must also have a clearly labeled diagram of your body system and its parts. Use this diagram to present your information on your body system to your patients (classmates).

Remember you and your team of doctors are concerned about your patients' health and you want to clearly explain the body system you specialized in.

Resources:

Use the links below as well as your informational books to gather the information about your organ/system.

All Body Systems:

http://www.kidshealth.org/kid/closet/movies/how_the_body_works_interim.html

Digestive System:

Mouth

Esophagus

Liver

Stomach

Large Intestine

Small Intestine

The Real Deal on the Digestive System:

http://www.kidshealth.org/kid/body/digest_SW.html

Your Digestive System:

<http://yucky.discovery.com/noflash/body/pg000126.html>

Your Digestive System and How it Works:

<http://digestive.niddk.nih.gov/ddiseases/pubs/yrdd/>

The Digestive System:

<http://library.thinkquest.org/5777/dig1.htm>

How Does the Digestive System Work:

<http://library.advanced.org/15873/zoo/digestive/>

Muscular System:

Smooth

Cardiac

Skeletal

How the Body Works-The Muscular System:
http://www.kidshealth.org/kid/body.muscles_SW.html

Your Gross & Cool Body-Muscular System:
<http://yucky.discovery.com/flash.body/pg000123.html>

Welcome to Muscles:
<http://library.thinkquest.org/5777/mus2.htm>

Respiratory System:

Lungs
Trachea
Bronchioles
Mouth
Nose
Epiglottis

Welcome to the Respiratory System:
<http://library.thinkquest.org/5777/resp1.htm>

Inside the Human Body: the Respiratory System:
http://www.lung.ca/children/grades4_6/respiratory/how_we_breathe.html

Your Respiratory System:
<http://yucky.discovery.com/flash/body/pg000138.html>

Circulatory System:

Heart
Arteries
Veins

Welcome to the Circulatory System:
<http://library.thinkquest.org/5777/cir1.htm>

All About the Heart:

http://kidshealth.org/kid/body/heart_SW.html

The Circulatory System:

<http://www.stemnet.nf.ca/CITE/cardio.htm>

Nervous System:

Brain

Spinal Cord

Nerves

Welcome to the Nervous System:

<http://library.thinkquest.org/5777/ner1.htm>

The Human Body Adventure:

http://vilenski.org/science/humanbody/hb_html/nervoussys.html

The Brain is the Boss:

http://www.kidshealth.org/kid/bdy/brain_noSW.html

Your Gross and Cool Body – the Brain:

<http://yucky.discovery.com/noflash/body/pg000135.html>

Your Gross and Cool Body – the Nervous System:

<http://yucky.discovery.com/noflash.body/pg000136.html>

Skeletal System:

Spine

Ribs

Joints

Arms, Hip, and Legs

The Big Story on Bones:

http://www.kidshealth.org/kid/body/bones_SW.html

Skeletal System:

<http://library.thinkquest.org/5777/ske1.htm>

The Human Body Adventure:

http://vilenski.org/science/humanbody/hb_html/skeleton.html