

Levels of Organization: A Division of Labor

WebQuest Description: This webquest is designed to allow students to explore the levels of organization in the human body.

Grade Level: 6-8

Curriculum: Science

Keywords: This webquest is designed to allow students to explore the levels of organization in the human body.

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Introduction

Many people have compared the human body to a machine. Think about some common machines, such as drills and washing machines. Each machine consists of many parts, and each part does a specific job, yet all the parts work together to perform an overall function. The human body is like a machine in all these ways. In fact, it may be the most fantastic machine on Earth. The human machine is organized at different levels, starting with the cell and ending with the entire organism. At each higher level of organization, there is a greater degree of complexity. In this webquest, your job is to explore those levels of organization by doing a little bit of research and completing a worksheet that will serve as your class notes.

Tasks

First thing's first, you will receive a copy of the worksheet required to complete this webquest in class. Nonetheless, a copy of it is attached at the bottom of this page. You will write your name on this worksheet, and keep it with you until the webquest is complete. Click on the following link: <http://www.ladwig.vrmsteacher.org/Webpage/4-TASKS/C-Exercises%20&%20Activities/LevelsofOrgnz&CellsWebQuest/LevelofOrg-b.htm> Read the information in the link above and fill out the missing blanks on the worksheet. Click on the following link: <https://www.ck12.org/biology/human-body/lesson/Organization-of-the-Human-Body-BIO/> Read the information under each subheading carefully. Complete any missing blanks and fill out the table. Once you are done, answer the evaluation questions using the notes you have completed. Good-luck!

Process

Complete WebQuest Worksheet by following steps under "Tasks"

Evaluation

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? 4. Which organ system supports the body and allows it to move? 5. Explain how form and function are related in human cells. Include examples. 6. Compare epithelial and muscle tissues.

Category and Score	5	4	3	2	Score
1	Complete				
2	Complete				
3	Complete				
4	Complete				
				Total Score	20

Conclusion

Once complete, turn in your worksheet for a grade!

Teacher Page

This WebQuest is designed for 7th Grade ASP science students.

Standards

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

Credits

[http://www.ladwig.vmsteacher.org/Webpage/4-TASKS/C-](http://www.ladwig.vmsteacher.org/Webpage/4-TASKS/C-Exercises%20%20Activities/LevelsofOrgnz&CellsWebQuest/LevelofOrg-b.htm)

[Exercises%20%20Activities/LevelsofOrgnz&CellsWebQuest/LevelofOrg-b.htm](http://www.ladwig.vmsteacher.org/Webpage/4-TASKS/C-Exercises%20%20Activities/LevelsofOrgnz&CellsWebQuest/LevelofOrg-b.htm)

Other

None