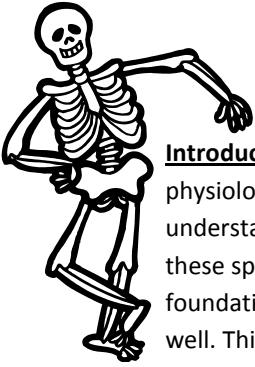


# Anatomy & Physiology Project

**DUE NO LATER THAN MONDAY MAY 16th.  
NO LATE PROJECTS WILL BE ACCEPTED!!!**



**Introduction** There is nothing more relevant than the study of anatomy (the structure of the human body) and physiology (the function). The reason for this is simple; we all live in our bodies. It is important that we understand how our bodies work so that we will be able to take good care of them while we are here on earth in these spectacular containers! Your body is covered by your largest organ and is supported from within by your foundation, your skeletal system! All of your body systems have to work together in order to keep you alive and well. This project will not only help you to become an expert about your body, but it will allow YOU to become the teacher!

**For this project you will be working in student selected groups of two students. If you elect to do a group project you should be aware that some of this project will be done outside of class. It is your responsibility to select a partner who will be able to meet with you outside of class. Additionally, you need to select someone who will do the section of the project that they have committed to doing. It is HIGHLY advised that you devise a group contract (see the sample on my website).**

Each group will sign up for one of the following systems. Note: Only one group per class may do any given system. Once another group has signed up you may NOT do that system.

<b>Endocrine System</b>	<b>Skeletal System</b>	<b>Circulatory System</b>	<b>Muscular System</b>
<b>Respiratory System</b>	<b>Integumentary System</b>	<b>Nervous System</b>	<b>Excretory System</b>
<b>Digestive System</b>	<b>Reproductive System</b>	<b>Lymphatic System</b>	<b>Immune System</b>

## **Required Information etc.**

This project will be done in two parts. A poster and a presentation with an additional visual aid. You **MUST** include the following in **BOTH** parts of your project.

1. Give an overall sense of the organization and function of the human body systems that has been chosen by the group. You **MUST** include the following

- A detailed explanation of the organ system's purpose.
- A detailed explanation of which organs make up the system.
- A detailed explanation of the function of these organs within the system.
- Diagrams and/or illustrations of the system. (cite sources!)
- The relationship of this system to other body systems.
- A detailed explanation of the medical problems / diseases that can be associated with this body system.

2. Use at **LEAST** four sources. Citation in APA format is required (bibme.com). You **MUST** make sure everything is in your own words! You **MUST** submit all text used in your handout, poster and in the presentation component to turnitin.com

***FAILURE to do this will result in a ZERO for your project!!!!***

## Project Requirements

### Part A: The Poster & Handout

You need to create a poster of your system, that will be on display for students learning about the systems. Remember YOU are teaching your fellow students about your system! They need to know the information for the test! You also need to create a ONE page handout that contains all of the required information on your system.

### Part B: The Presentation & Visual Aids

You will be presenting your system to the class. In addition to the poster you must also use one of the following to enhance your presentation. You may select a third to give you bonus points:

A Video                      A 3-D Model of Your System (similar to the cell project with a key)  
A Children's Book            A PowerPoint            A Costume            A Song            Other? (Must be preapproved)

## Resources:

In addition to your text and reference books. Here is a list of websites that may assist you. Also try searching for a specific system using a search engine such as Google or Bing. If you find good, reliable sites share them with me. :)

**Human Anatomy Online** - <http://innerbody.com/htm/body.html>

**How Stuff Works: The Body Channel** - <http://health.howstuffworks.com/the-body-channel.htm>

**NobelPrize.org : The Immune System Game** - [http://nobelprize.org/educational\\_games/medicine/immunity/](http://nobelprize.org/educational_games/medicine/immunity/)

**Atlas of the Body** - <http://www.ama-assn.org/ama/pub/category/7140.html>

**MEDtropolis - The Virtual Body** - <http://www.medtropolis.com/VBody.asp>

**BodyQuest** - <http://library.thinkquest.org/10348/>

**Dr. Koop** - <http://www.drkoop.com/>

**Health Touch** - [http://www.healthtouch.com/level1/hi\\_toc.htm](http://www.healthtouch.com/level1/hi_toc.htm)

**How the Body Works** - [http://www.kidshealth.org/kid/closet/movies/how\\_the\\_body\\_works\\_interim.html](http://www.kidshealth.org/kid/closet/movies/how_the_body_works_interim.html)

**Human Anatomy Online** - <http://www.innerbody.com/>

**Mayo Clinic Health Oasis** - <http://www.mayohealth.org/>

**Medicine** - <http://galaxy.einet.net/galaxy/Medicine.html>

**The Human Body** - <http://edtech.kennesaw.edu/web/humanbo.html>

**Anatomy Laboratory Manual** - <http://www.geocities.com/Athens/Forum/6100/1anatomylabmanual.html>

# Body System Presentation Rubric

Name: \_\_\_\_\_

	9-10 points	7-8 points	5-6 points	0-4 points	Student Score	Teacher Score
<b>Grammar, Spelling Mechanics</b>	No spelling errors, capitalization punctuation correct throughout.	There are 1 or 2 grammatical, spelling errors.	There are no more than 3 grammatical spelling or capitalization errors.	There are several grammatical, spelling or capitalization errors present.		
<b>Overall sense of Factual information and function of body system</b>	All components of system provided, Excellent description and information on how system relates to other systems provided.	Most components of system provided. Good description of how system relates but some misunderstanding present.	Components of system missing. Description of how system relates to other parts provided but lack of some understanding present.	Many components of system missing. Little description of how system related to other body systems provided or missing. Shows little understanding of how system works.		
<b>Organization of Presentation</b>	Well-organized and presented material. The ideas and information was presented in an interesting and understandable fashion.	Material Organized but less clear idea as to how facts are related with at times loss of organization	Presentations organization confusing at times. Information becomes less connected and more of just a list of facts.	Little organization present. Little if any flow or connection between information presented.		
<b>Graphics / Pictures</b>	Graphics go well with the text and there is a good mix of text and graphics.	Graphics go well with text but lack of bulleting text to help support graphics.	Either heavy on non-bulleted text or lack of graphics present in presentation.	Graphics do not go with the accompanying text or appear to be randomly chosen.		
<b>Visual Aid aesthetics</b>	The visual aid shows great creativity and detail to parts of body system. Exceptionally attractive design, layout & neatness.	The visual aid shows details to body system parts. It is neatly designed and attractive.	The visual aid is acceptably attractive and informative though it may be missing parts or lack detail.	The visual aid is very basic and lacks creativity. Many parts may be missing or lack detail.		
<b>Required elements and source citation. APA format</b>	All required elements as well as additional information sources are cited. Submitted to turnitin.com.	All elements are present and sources cited. No extra informational sources given. Submitted to turnitin.com.	Some sources cited. Lack APA format. Submitted to turnitin.com.	1 or less sources cited and lack APA format. Not submitted to turnitin.com - <b>This will result in a zero for the project!!</b>		
<b>Total (out of 60)</b>						

*Students MUST fill this out when their project is turned in. Staple to your partner's rubric.*

## *Sign Up - Period 3*

<i>System</i>	<i>Group Name(s)</i>
<b>Excretory System</b>	
<b>Digestive System</b>	
<b>Integumentary System</b>	
<b>Reproductive System</b>	
<b>Respiratory System</b>	
<b>Skeletal System</b>	
<b>Lymphatic</b>	
<b>Circulatory System</b>	
<b>Muscular System</b>	
<b>Endocrine System</b>	
<b>Nervous System</b>	
<b>Immune System</b>	

## *Sign Up - Period 5*

<i>System</i>	<i>Group Name(s)</i>
<b>Excretory System</b>	
<b>Digestive System</b>	
<b>Integumentary System</b>	
<b>Reproductive System</b>	
<b>Respiratory System</b>	
<b>Skeletal System</b>	
<b>Lymphatic</b>	
<b>Circulatory System</b>	
<b>Muscular System</b>	
<b>Endocrine System</b>	
<b>Nervous System</b>	
<b>Immune System</b>	

## *Sign Up - Period 7*

<i>System</i>	<i>Group Name(s)</i>
<b>Excretory System</b>	
<b>Digestive System</b>	
<b>Integumentary System</b>	
<b>Reproductive System</b>	
<b>Respiratory System</b>	
<b>Skeletal System</b>	
<b>Lymphatic System</b>	
<b>Circulatory System</b>	
<b>Muscular System</b>	
<b>Endocrine System</b>	
<b>Nervous System</b>	
<b>Immune System</b>	