

Body System Poster Project

As part of our general overview of the body systems, you and your partner(s) will be working on a poster outlining some basic information about one system of your choice. Your poster will include the following information:

1. **Analogy:** Draw and describe an analogy you create to describe the general purpose of your system. For example, the immune system is like the body's army, soldiers that patrol the area to get rid of invaders.
2. **Diagram**—A large, hand drawn, and labeled diagram of the organs of your system in addition to any other diagrams (what happens at the cellular level, etc.) that may help describe your system's structure and purpose (for example, having a picture of a neuron would be helpful along with a picture of the human body with all of the nerves and arteries colored in)
3. **Comparative Anatomy**—Find pictures of one to two other animals (reptile, bird, amphibian, insect, mammal, etc.) and compare/contrast their system to the human system you are studying (for example, the circulatory system of a fish and reptile show two and three chambered heart, as opposed to our four chambered heart).
4. **Common Disease**—Find and describe the symptoms, causes, and treatments for one disease that affects your system. Complete information on a second disease can be done for extra credit but it must be thorough and exceptional.
5. **Regulation and Maintenance**—Describe how this system interacts with other systems (for example, the nervous system and hormones) to help your body run efficiently.
6. **References**—Include your sources on the back of your poster in MLA format, minimum of five sources.

You may choose from the following topics. Sign up is by group, first come, first served. We will be having some collaboration time in class to work on this project and I am available for more assistance as needed. It is your responsibility to do the reading and note taking needed to put this information together, as well as to find the time to meet with your partner to put together the poster carefully. You and your partner will prepare a 3 minute presentation to share with the class on the due date. NO LATE WORK WILL BE ACCEPTED, so plan accordingly. This project is due on _____

Integumentary (Ch. 27)

Immune (Ch. 31)

Muscular (Ch. 27)

Respiratory (Ch. 30)

Skeletal (Ch. 27)

Digestive (Ch. 29)

Nervous (Ch. 28)

Excretory (Ch. 32)

Endocrine (Ch. 32)

Reproductive (Female) (Ch. 33)

Circulatory (Ch. 30)

Reproductive (Male) (Ch. 33)

Body System Poster Project Grading Guidelines

Poster board Scientific Content

50 points total

Material Turn-In

In class on time, complete, correct references

5 4 3 2 1

Not on time, incomplete, issues, references

0

Analogy

Clear connections made between system & metaphor

5 4 3 2 1

Not included/vague

0

Diagrams

Clearly visible, labeled, detailed, neat

10 8 6 4 2

Difficult to read, lacking structures

0

Scientific Content

Structures/functions clearly explained

10 8 6 4 2

Structures/functions missing, not explained

0

Comparative Anatomy

Thorough and clear comparisons

5 4 3 2 1

Section not included/incomplete

0

Common System Disease

Disease described (cause, symptoms, treatments)

10 8 6 4 2

Section not included or incomplete

0

Regulation/Maintenance

Connection to other body systems

5 4 3 2 1

Section not included or incomplete

0

Poster board Graphic Presentation

20 points total

Organization

Clearly defined sections unified by color/graphics/font

5 4 3 2 1

Disorganized or distracting

0

Design Format

Visually attractive, appropriate placement

5 4 3 2 1

Difficult to see/read/follow content

0

Overall Visual Appeal

Graphics enhance text, draw in audience

10 8 6 4 2

Excessive, distracting, or inappropriate

0

TOTAL Student Points Earned: _____

TOTAL Project Points Possible: 70