

ANATOMICAL COMPARISON OF FISH, FROG, AND PIG

ORGAN SYSTEM: _____

MAJOR ORGANS/STRUCTURES
OF SYSTEM:

FUNCTIONS OF ORGAN SYSTEM & ORGANS:

THIS ORGAN SYSTEM INTERACTS WITH
THE FOLLOWING TWO ORGAN SYSTEMS:

1:

SIMILARITIES AMONG FISH, FROG, AND PIG:

DIFFERENCES AMONG FISH, FROG, AND PIG:

2:

ANATOMICAL COMPARISON POSTER INSTRUCTIONS

Below, you are assigned an organ system to compare among the three organisms that we have dissected. In your comparison, you will identify the major organs/structures, the function(s) of the system and its organ, similarities, differences, and two other organ systems that your assigned system interacts with. Follow the instructions below to achieve a 4 based on the rubric!

ASSIGNED ORGAN SYSTEM: LAST NAME STARTS WITH...

| | |
|-----|-----------------------------------|
| A-F | Digestive System |
| G-L | Circulatory/Cardiovascular System |
| M-R | Respiratory System |
| S-Z | Nervous System |

SETTING UP YOUR POSTER:

On your poster paper, fold the paper into fourths. Label the top of your paper with your organ system, your name, and your period number. Then label three of the four boxes with each of the following animals: fish, frog, and pig. See Mrs. H's example on the board.

DIAGRAM ANATOMY OF EACH ANIMAL:

Use your knowledge and a Chromebook to complete a diagram of each animal's (fish, frog, pig) organ system labeling all the major structures and organs. Make it neat and colorful. This isn't about your best art, but your best attempt at demonstrating the structure/anatomical differences among the three animals.

COMPLETE INFORMATION SHEET:

Complete the information sheet listing the major organs/structures, listing the function(s) of the organ system, and the function of each organ/structure within the system.

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COMPLETE INFORMATION SHEET:

Complete the information sheet listing the major organs/structures, listing the function(s) of the organ system, and the function of each organ/structure within the system.

Then write 3-5 THOROUGH, COMPLETE, THOUGHTFUL sentences describing the **similarities** of this organ system among the three animals. Then write 3-5 THOROUGH, COMPLETE, THOUGHTFUL sentences describing the **differences** of this organ system among the three animals.

Lastly, research two organ systems that your assigned organ system interacts with. For example: the skeletal system and the muscular system interact because the muscles are attached to the skeleton and pull the bones to create movement in the organism. The skeleton provides structure and framework for the muscles to attach to. Write 2-3 sentences to describe each interact.

SCORING RUBRIC:

| | |
|------------|---|
| 4 | Poster contains all required items, There is an attempt to make the diagrams as neat and accurate as possible. Info is accurate. |
| 3.5 | Poster contains all required items. There is an attempt to make diagrams as neat and accurate as possible. Most info is accurate. |
| 3 | Poster contains all required items. There is an attempt to make diagrams as neat as possible. Some info is missing and/or is inaccurate. |
| 2.5 | Poster is missing at least one required item. There is an attempt at the diagrams, but they are not very neat and/or they are missing info and/or they have inaccuracies. |
| 2 | Poster is half complete and/or is missing information and/or has inaccuracies. |
| 1.5 | Poster turned in, but it is not complete nor was there an attempt to make it accurate. More has been completed than a level 1. |
| 1 | Poster turned in, but it is not complete nor was there an attempt to make it accurate. |
| 0 | No poster was turned in |

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