ANATOMY AND PHYSIOLOGY FINAL

FETAL PIG DISSECTION

How to score a perfect score!

HELPFUL VIDEO

1. Finding the internal anatomy of the pig:
   https://www.youtube.com/watch?v=8RWsQvlT3bo

AWESOME INTERACTIVE ONLINE STUDY GUIDE!!!

1. THIS IS A VERY HELPFUL ONE
   https://www.whitman.edu/academics/departments-and-programs/biology/virtual-pig
   Please note that I will not test your group on everything they label! Please review this resource extensively! It is very helpful.

2. THIS ONE HAS DIFFERENT INCISIONS THAT MAY BE EASIER FOR YOU TO DO!
   PLEASE DO NOT SIMPLY USE THIS WEBSITE ALONE. IT IS TOO GENERAL BY ITSELF.  https://www.homesciencetools.com/a/pig-dissection-project
WHAT YOU MUST LABEL

(THE MORE THE MERRIER)

When you label something, I need another person in the class to write down the basic overview of what that labeled organ does. You must rotate on this and not have the same person writing all of the information. This is a group effort and you may communicate with your group when doing this!

1. External Anatomy: Attempt to label as many external structures as possible
2. The Head: Label the pharynx, palates, taste buds, tongue, etc.
3. Abdominal Cavity: ALL DIGESTIVE ORGANS (Esophagus, Liver, gallbladder, stomach, small intestines, large intestines, rectum, etc)
4. Thoracic Cavity: The heart (label the atrium, ventricle, and try to locate some of the main arteries and veins like the aorta. Identify the separate lobes of the lung, the diaphragm, trachea, etc. Please give me a description of how the heart and the lungs work together.
5. The Brain: Identify where the different lobes on the brain would be. I do not want you to get into the skull.
6. Urinary System: Find and label the kidneys. Remove one and carefully cut it in half to label it in further detail. Also try to label the ureters.
7. Endocrine System: Attempt to find the pancreas and any other endocrine organs.
8. Directional Terms: Label the basic directional terms found in the online lab.
9. Is it a male or a female pig?
10. About how old is it?
11. Be as creative as possible. BE CLEAN and do not make the cuts carelessly. There are a few different ways to make these incisions so please research it and find the one your group is most comfortable with doing. DO NOT COME IN AND NOT KNOW WHAT YOU ARE DOING!

RUBRIC

- 5 (100%): The student demonstrated excellence in the fetal pig dissection. Most or all of the parts were labeled and informative descriptions of each organ labeled was done. The student (if he/she was cutting) does so in a clean and professional way that clearly and beautifully displays the labeled organs.
• 4 (90%)
• 3 (80%)
• 2 (70%)
• 1 (60%)
• 0 (50%)