**Fetal Pig Dissection**

**\*Use MPS Science Lab Report Guidelines AND the Following:**

I. Title: (Title of the Lab)

II. Background:

* Scientific Name (Refer to MPS LAB GUIDELINES)
* Natural History of Animal
* All levels of classification
* Include features of chordata and vertebrata
* 2 works cited (MLA format) – 2 in-text parenthetical citations

III. Purpose: The purpose of this lab was to …

IV. Materials: Refer to the “Mammalian Anatomy: A Fetal Pig Dissection” handout for the materials.

V. Procedure: Refer to the “Mammalian Anatomy: A Fetal Pig Dissection” handout for the procedure.

VI. Results

* Pictures must be titled as a Figure (Example: Figure 1: External Anatomy) / At least 2 pictures per page
* ALL LINES MUST BE COMPLETELY STRAIGHT AND PRECISE, WORDS HORIZONTAL
* Focus on features of all placental mammals
  + Body hair, mammary glands (nipples), four chambered heart, specialized teeth, diaphragm, lungs umbilical cord
* Comparison to humans (focus on differences)
  + General external appearance, uvula, hard palate, liver, lungs, large intestine, cecum, reproductive organs

VII. Analysis:

* Use the purpose statement as the basis for analysis and conclusion
* Focus on features and functions common to all placental mammals and differences between the pig and human
* Be sure to refer to figures as appropriate
* Error and expansion

VIII. Conclusion

* Restate the purpose
* Give a clear and concise statement of the actual results that addresses the purpose of the lab

FORMAT (Things to Remember):

|  |  |
| --- | --- |
| * Roman Numerals * All text starts below section titles   (Title is the ONLY exception)   * NO EXTRA space between section titles and text below * EXTRA space between sections * Indent paragraphs only * 1.5 Spacing * 12 point font | * No personal pronouns or contractions * Label all figures appropriately * Refer to figures in analysis * Use scientific name appropriately |