

Then in your notes write about the effects of captivity. Make a chart. What is the behavior that you see that captivity creates? Or changes from the wild? Note 5 things that captivity does to each of the animals. See example below.

Captivity Chart

<u>Primate Species Name/ID #</u>	<u>Observation</u>	<u>Why is it taking place?</u>
Gorilla - Silverback - 1	Sat in one place the entire hour, never moved, stared into space	Captivity has created severe depression in the animal, completely affecting his behavior.
Etc		

Part II: The Formal Chart (40 points) due 2/18/16

You are required to prepare formal charts using a computer program such as Excel or Word. Set up the observation chart exactly as you see above. Do this first before you write the rest of the paper. Each of the categories should be present in the chart. Each animal should have more than 25 observations listed. Set up the captivity chart exactly as you see above, there should also be both primates on this chart.

This is the most important section of the paper. The most important column is the last column, where you state WHY you think behaviors are taking place in terms of natural selection.

Part III: The Final Report Using Chart Data (40 points) – 3-4 pages maximum due 3/1/16

3-8-16

After making your observations at the zoo, read back through your notes and chart: do any behavioral patterns emerge? You do this by stepping back from the notes you have taken to assess the data as an anthropologists would. Did some behaviors occur over and over? What behaviors seem to be most common and what sort of functions are they associated with (i.e. food acquisition, competition for mates, alliance building, etc.)? You have 2 animals with many behavioral and physical characteristics noted. What you need to do now is look for patterns in the data. What leaps out as significant to you in terms of comparing these two animals?

THE POINT OF THE PAPER IS TO USE THE DATA FROM THE CHART – NOT OTHER DATA YOU FOUND ON ZOO SIGNS OR ONLINE OR IN A BOOK.

Section 1: Introduction and Primate Descriptions (10 points)

For Section 1 of the body of your paper, describe very clearly what this paper will be doing, state the nature of your research, and finally, summarize what the research results were. In the next short paragraph write up brief descriptions of the primates you observed at the zoo, based on your field notes. Be sure to describe any interesting behaviors observed and your general impressions of the primates. This section should also include the specific location of your primate observations (Zoo name and location), the date and time of your observations, the common name of the Primates you observed (i.e. chimpanzee, lemur, etc.), and the scientific name of the species (Genus & species name). Use your own observations to describe the primates. DO NOT USE ONLINE SOURCE DESCRIPTIONS HERE.

Section 2: Primate Comparison (10 points)

Compare and contrast the behaviors of the two primates you observed. How do the behaviors of the primates differ from one another? How are they similar? In terms of evolution and natural selection, why might these differences and similarities exist? For each behavior or physical trait – you MUST interpret WHY they are the same or different. Keep referring to your chart. In particular, try to address different categories of behavior outlined above: food acquisition and sharing, mating strategies, social organization, intelligence. Try to determine if they share or don't share ANCESTRAL TRAITS and if they do or don't WHY.

Section 3: The Effects of Captivity (10 points)

For Section 4 of the body of your paper, reflect on the Captivity Chart that you made. What are the effects that being in captivity and on display in a zoo might have on the behaviors of the primates you observed. How "natural" do you think the behaviors you observed are? Would the primates act differently if observed in the wild? If so, can you explain why?