**Final Zoo Paper**

Field Trip Observation on favorite animal

What:

* 2 pages
* Single spaced
* Have an introduction and a conclusion

Goal:

* Make observations of one animal species at the zoo.
* Include these observations in a paper
* Tie the observations you have made the content listed below.
  + Include direct observations
  + Justify why they did that
  + What does it show about there sociality?
  + Use research to supplement your findings.

**Include:**

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| Unit 1: ANIMAL BEHAVIOR   * Observations of the animal in the zoo. * What does that tell you about the animal:   + A social nature, a solitary animal.   + What did it exhibit do or the animal, does it tell you anything about the animal?   + Any indication of altruism?   + How do they communicate? Why do they? | Unit 2: ZOOGEORGAPHY   * Where is the animal from? (region, habitat type, etc.)   + What adaptations do they have for that habitat? For there diet? Social behavior? Mating displays? * What is its life history (life span/habitat/food/mating...)   + What adaptations do they have for there diet? Social behavior? Mating displays?   + Are they a predator or prey? How can you tell? |
| Unit 3: HOMEOSTASIS   * How do they maintain an internal balance?   + Think about temperature, waste, water, internal chemicals, pH etc. | Unit 4: PHYLOGENETICS   * What phyla is the animal in? * What is there scientific/Latin Name (Genus, species) * What unique characteristics do they have to be in that phylum? * It is most likely a chordate - what does that entail? |
| Unit 4: DINOS   * Any Obvious tie ins? | Unit 5: VERT EVOLUTION TO LAND   * Where does this animal live? (water, land, or did it return to sea?) * What adaptations do this animal have to its habitat? * Is it a vertebrate?   + If so, what makes it a vertebrate? |