Ecology Project Rubric

1. Choose an animal to do your project on; no domestic animals…something cool. Must be a specific species There must be a visual component to your project; a powerpoint or poster. You will present projects to the class.
2. Each presentation will have several different components, making it a cross-curricular project.
3. **Components - must include the following criteria for each component, but not limited to…**
   1. Science – habitat & **niche**; type of consumer; what it eats/ how often, physical description..duh? what eats it symbiotic relationships; example of a food chain containing your organism; type of biome; scientific name (genus and species); defense; hunting; mating; disease?, how removal would effect ecosystem (keystone species?) unique features/characteristics. Endangered…invasive??
   2. History – who/where discovered it; phylogeny (evolutionary history), stories from history about your animal; anything of historical significance, origin of name…(folklore, myths, etc…)
   3. Math **-**  any numerical data about your organism, average size; largest smallest known, population size, weight, number of offspring; lifespan, strength, how much food, speed, deaths/birth rate,
   4. Literature – poem, song/rap , recorded skit/play, or short story—must be written by you, about your animal!!
   5. Art **–** a picture, painting, sculpture,electronic etc…any artistic depiction of your animal…A picture from the internet is NOT acceptable!!!@
   6. Culture/society – roles in society or impacts on humanity.., foods, clothing, jewelery, uses in technology, medicine,pop culture,
   7. Foreign language **–** teach us how to say and write the animal in 3 other languages – (language in country of origin)