**Animal Adaptations**

For this assignment, you will be looking at a specific animal and researching its adaptations that allow it to live in a particular habitat. In order to do this, you will need to complete the following in a PowerPoint presentation, Prezi, poster, or another teacher-approved format. Treat the following as your assignment checklist:

* Common Name of Animal(spelling matters)
* Scientific Name of Animal(spelling matters)
* Where does it live (must include a picture of a map, with location)? Does it have a broad or narrow niche?
* What does it eat (main food sources)
* Major predators (must include pictures)
* How many offspring does it produce?
* Does it look after it’s offspring or leaves them once they are born? What would be the advantage of this strategy?
* 7 specific adaptations and you must explain how each one of them gives your animal an advantage and/or helps them survive. What may have influenced them developing this adaptation. (This must be complete sentences, spelling and grammar will count)
	+ Example: Horses have eyes on the side of their heads (adaptation). They are a prey species so by having eyes on the side of their head this gives them a wider visual area to help them spot predators. (more details than this would be helpful, but this is the basic information you would include).
* You must include pictures of each adaptation.
* Would you classify this organism as a generalist or specialist? You must provide specific support for your reasoning.
* What are your animal’s closest relatives?
	+ What similar characteristics do they share (you must provide pictures to support)
* What are the biggest threats facing your animal? Describe these and think about some current events and issues pertaining to this threat? What is being done to try and improve the population of this species and lessen the threats and impacts.
	+ Example: Deforestation, hunting etc.- what habitats in the world are these threats occurring most?
* What is the status of your animal? What is impacting this status and what is being done to protect its numbers?
	+ Ex: Is it endangered, threatened etc.
* You must create a food web with AT least 4 different organisms (including your own) illustrating which organisms provide food sources among the other organisms in the web (you will need to create/find a graphic to illustrate this food web)

**Specifics:**

* Spelling counts
* Must have complete sentences, with proper punctuation and grammar. If it’s point form, you need to review what makes a visually appealing poster, powerpoint, etc..
* Pictures need to be appropriate and illustrate your point
* Organization is important
* A references section must include all websites and sources you gathered your research from
* This is an individual project and you are NOT allowed to choose the same animal. This is a first come first serve basis. Once someone has picked an animal or plant, you cannot pick that same one.